

ICCAT

Observer Report



Trip Number	140/13
Vessel Name:	M/V Chikuma
ICCAT Ref. No.	AT000VUT00018
Observer Name:	Peter Lafite
Cruise Dates:	From: 28/09/2013 To: 4/11/2013

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the Consortium of Marine Resources Assessment Group Ltd. and Capricorn Fisheries Monitoring, Peter Lafite (ICCAT no.010) joined the Vanuatu registered Carrier Vessel (CV) Chikuma (ICCAT no. AT000VUT00018) as the ICCAT observer. During the voyage he monitored the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 28/09/2013 to 4/11/2013.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	M/V Chikuma	Call sign:	YJTE5
Port of registration:	Port Villa	Flag State:	Vanuatu
Owner:	Ocean Wide Shipping S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3839 m/t
Size (GRT):	6558T	Length (LOA):	134.15 M
On-board acoustic equipment:	Furuno Echo Sounder FE-700		
Position fixing equipment:	Furuno Universal Ais Furuno GPS GP-150 x 2		
Vessel monitoring system (present/absent):	Present (CLS- Collective Localisation Satellites)		
Radar:	Furuno RCU-014 S-Band Furuno RCU-014 X-Band		
Communications equipment:	Furuno VHF RC-8900 x2 Furuno HF FS-2575C x2 Entei Portable Radio x3 Public Addressor NHE		
Plotters:	Furuno RCU-024 ECDIS		
Tuna products already on board (Quantity)	1581.343 T		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	28/09/2013
Method of embarkation*	Portside
Date of departure	29/09/2013
Date of first transshipment	01/10/2013
Date of last transshipment	30/10/2013
Date of return	04/11/2013
Date of disembarkation	05/11/2013
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The CV made a total of 17 transshipments at sea, the locations of the transshipments are shown in detail in

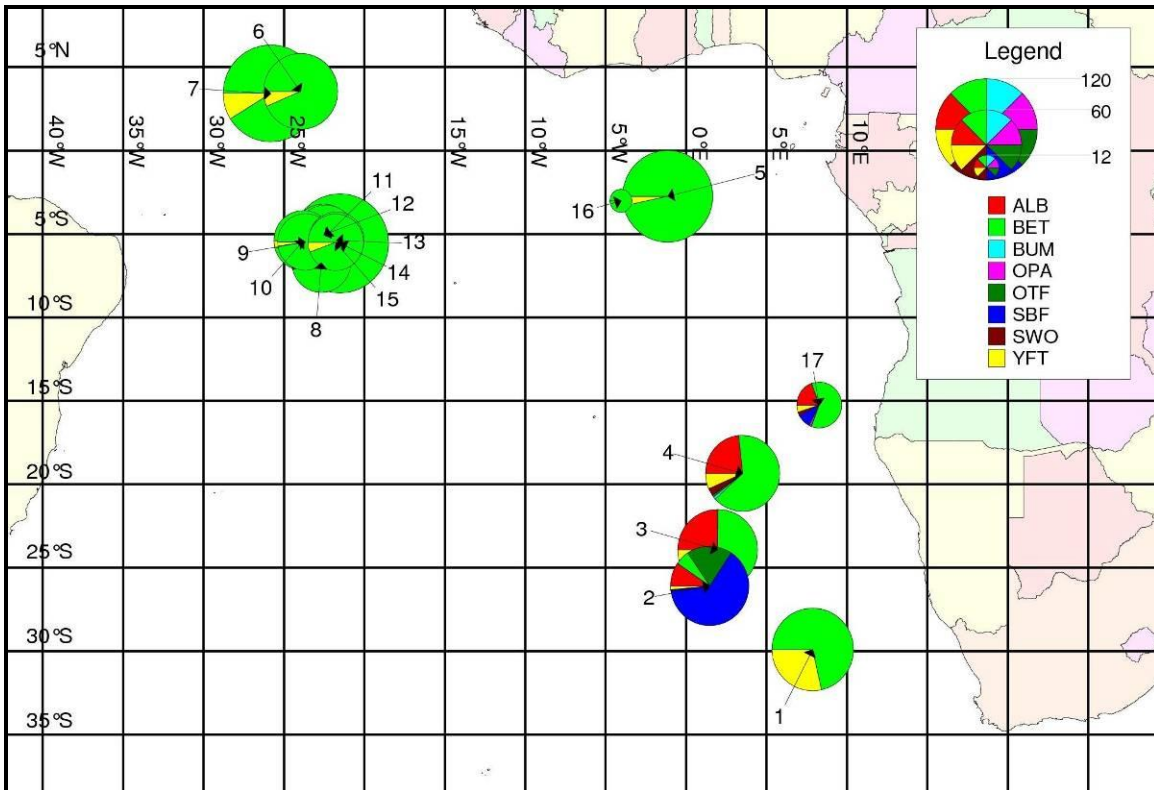


Figure 1, and the numbers received by nationality of vessel are given in Table 1. The vessel contained 1581.342 ton of tuna and tuna-like products when the observer boarded. The fish on board was transhipped during a voyage in the Indian Ocean (monitored by the same observer) as well as transshipments conducted in Table Bay harbour, Cape Town.

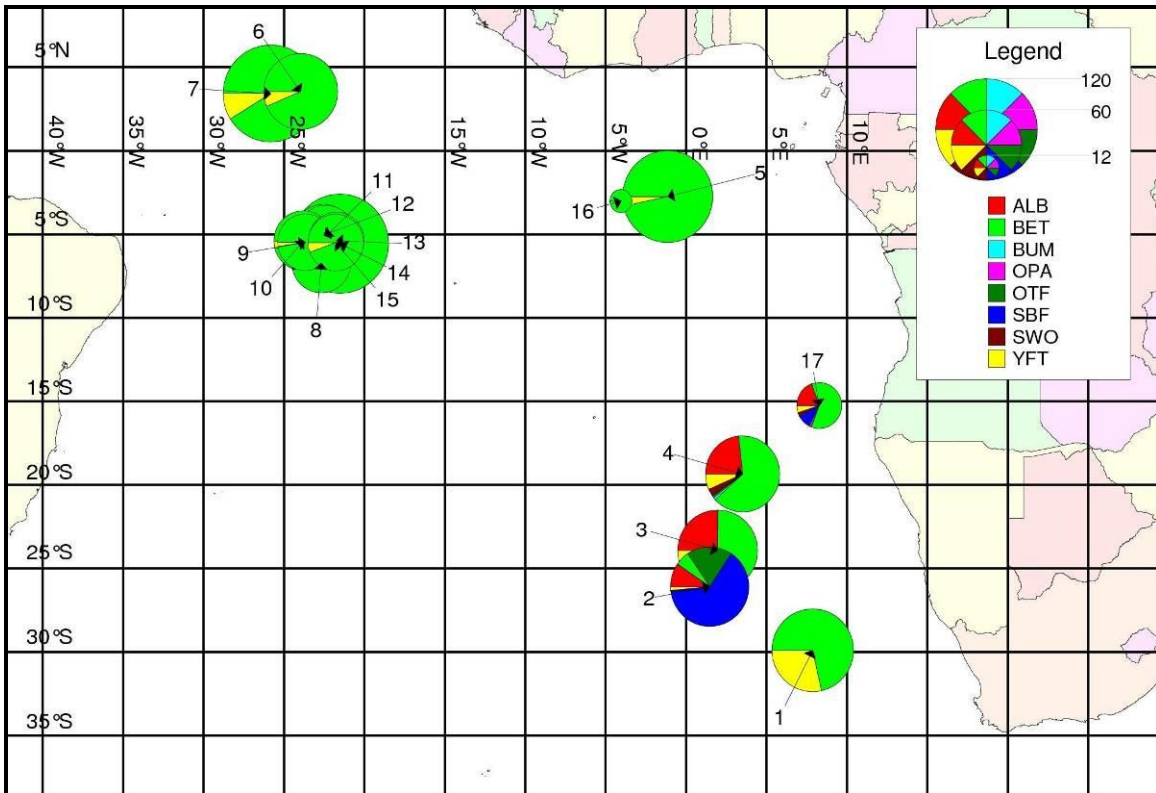


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	10
	4
	3

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	TS time	% Observed
1				Yes	01/10/13	29°54.7 S	007°52.6 E	03:05	100.00%
2				Yes	03/10/13	26°06.3 S	001°28.2 E	03:25	100.00%
3				Yes	04/10/13	23°56.6 S	001°57.6 E	04:50	100.00%
4				Yes	06/10/13	19°21.8 S	003°31.3 E	04:30	100.00%
5				Yes	09/10/13	02°44.9 S	001°08.8 W	02:45	100.00%
6				Yes	14/10/13	03°31.9 N	023°57.9 W	04:05	100.00%
7				Yes	15/10/13	03°25 N	025°49 W	06:00	100.00%
8				Yes	18/10/13	06°42.8 S	022°41.2 W	02:10	100.00%
9				Yes	19/10/13	05°28.3 S	023°40.2 W	02:00	100.00%
10				Yes	19/10/13	05°24 S	023°47 W	01:20	100.00%
11				Yes	20/10/13	05°07.6 S	022°24.7 W	02:15	100.00%
12				Yes	20/10/13	05°03.4 S	022°33 W	03:20	100.00%
13				Yes	21/10/13	05°23 S	021°45 W	01:45	100.00%
14				Yes	22/10/13	05°33.7 S	021°30.1 W	06:00	100.00%
15				Yes	22/10/13	05°30.1 S	021°46.5 W	01:45	100.00%
16				Yes	26/10/13	03°00.96 S	004°02.7 W	00:35	100.00%
17				Yes	30/10/13	15°15.7 S	008°17.1 E	01:55	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Weight	%
1	0	57.044	0	22.627	0	0	79.423	0	79.423	79.671	0.25	0.31%
2	0	4.416	0	1.199	0.351	0.351	71.791	67.275	72.142	73.241	1.10	1.50%
3	0	50.475	0	4.995	2.964	2.839	72.335	20.685	75.299	78.994	3.70	4.68%
4	0	45.294	0	4.82	2.304	2.189	65.142	17.851	67.446	70.154	2.71	3.86%
5	0	91.312	0	3.307	0	0	94.902	0	94.902	94.619	-0.28	-0.30%
6	0	65	0	4.664	0	0	72.084	0	72.084	69.664	-2.42	-3.47%
7	0	96.58	0	9.582	0	0	107.888	0	107.888	106.162	-1.73	-1.63%
8	0	43.656	0	1.179	0.736	0.736	44.514	0	45.25	45.571	0.32	0.70%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Weight	%
9	0	40.913	0	1.073	0	0	45.328	0	45.328	41.986	-3.34	-7.96%
10	0	44	0	2	0	0	46.269	0	46.269	46	-0.27	-0.58%
11	0	47.807	0	1.193	0	0	51.516	0	51.516	49	-2.52	-5.13%
12	0	47.71	0	0.815	0.545	0.545	49.39	0	49.935	49.07	-0.87	-1.76%
13	0	40.389	0	0.611	0	0	41.149	0	41.149	41	-0.15	-0.36%
14	0	106.716	0	3.454	0	0	107.505	0	107.505	110.17	2.66	2.42%
15	0	39.237	0	2.495	0	0	41.959	0	41.959	41.732	-0.23	-0.54%
16	11.899	8	0	0	0	0	0	0	11.899	8	-3.90	-48.74%
17	0	17.485	0	1.508	0.789	0.816	26.083	8.64	26.872	28.449	1.58	5.54%

Comments:

Obs = Observer estimated values

The observer recorded *Thunnus obesus* and *Thunnus albacares* as mixed tuna. These species were highly mixed and difficult to separate under the transshipment circumstances. In Table 3 the mixed tuna component was added under other species.

Transshipment 16. The LSPLV San Carlos No.3, reported 195 big eye tuna (*Thunnus obesus*) to be transhipped with a declared weight of 8 ton. The fish were first transferred from the LSTV's hold singularly and by hand onto their vessel's deck. This afforded the observer an ideal opportunity to accurately count the fish. A fairly accurate count of the fish was attained. Fish were then collected in clusters of 5 to 10 fish before being grouped together in a single string. This provided the observer another opportunity to estimate fish numbers. Strings were then hoisted across by the carrier vessel's crane with an average of 20 fish per string. The observer's counts amounted to 290 fish comprising a difference of 48.73% to the vessel's declared amount.

5.1 Weight

The observer used the LSPLV's declared total weight and number of each species to calculate an approximate average weight of the fish per species. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	13.65	1.32%	14.44	1.40%
Albacore	<i>Thunnus alalunga</i>	All	46.47	4.48%	49.02	4.74%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.38	0.13%	1.38	0.13%
Bigeye tuna	<i>Thunnus obesus</i>	All	11.90	1.15%	846.03	81.86%
Mixed Tunas		All	906.78	87.45%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.48	0.05%	0.48	0.05%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	48.75	4.70%	49.37	4.78%
Swordfish	<i>Xiphias gladius</i>	All	7.69	0.74%	7.48	0.72%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	65.52	6.34%

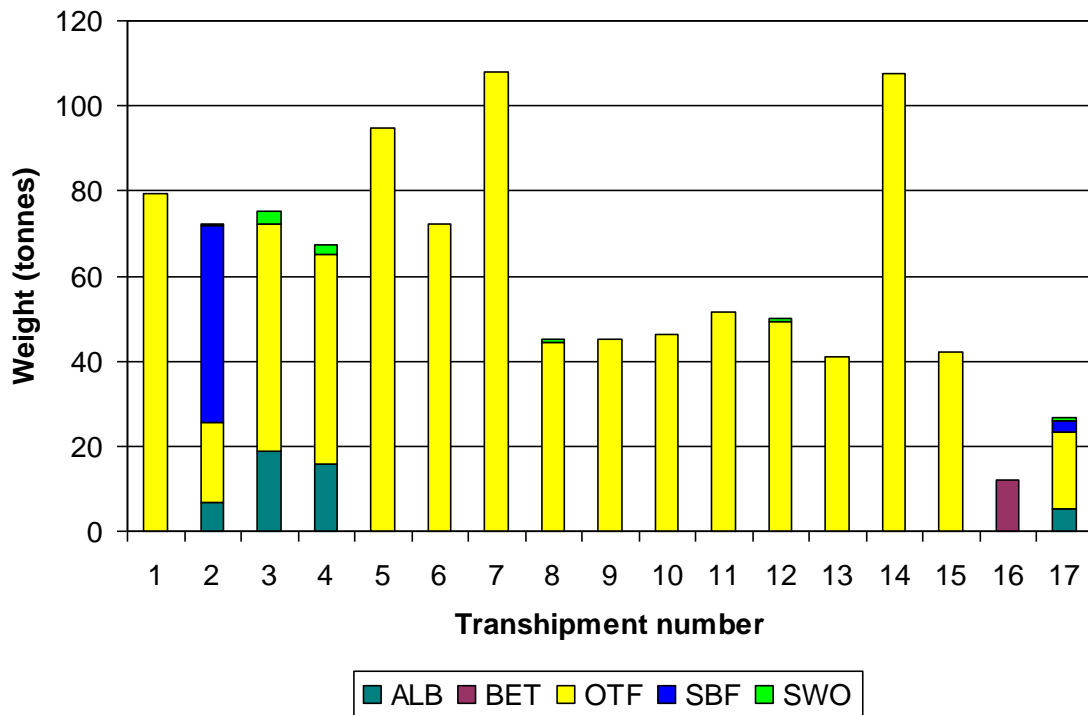


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		12.03
Albacore	<i>Thunnus alalunga</i>	10.12
Atlantic blue marlin	<i>Makaira nigricans</i>	115.33
Bigeye tuna	<i>Thunnus obesus</i>	41.03
Mixed Tunas		43.92
Opah	<i>Lampris guttatus</i>	9.68
Southern bluefin tuna	<i>Thunnus maccoyii</i>	46.25
Swordfish	<i>Xiphias gladius</i>	39.43

Comments:

The main tuna species transhipped during the trip were big-eye tuna (*T. obesus*), yellowfin tuna (*T. albacares*) and albacore (*T. alalunga*). Southern bluefin tuna (*T. maccoyii*) was transhipped from only two LSPLVs (Ryusei Maru No.2 and Ryusei maru No.8). Swordfish (*Xiphias gladius*), atlantic blue marlin (*Makaira nigricans*) and other fish made up the rest of the species transferred. Other unclassified fish were declared by four xxx flagged LSPLVs and comprised mainly of small swordfish (*X. gladius*), oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*) and small pelagic sharks (PXX)

Big-eye tuna (*T. obesus*), yellowfin tuna (*T. albacares*) and southern bluefin tuna (*T. maccoyii*) were processed as gilled and gutted (GG). Atlantic blue marlin (*Makaira nigricans*) was observed to be processed as gutted with head removed (DR) though the two LSPLVs they were transferred from, reported them as GG. Albacore (*T. alalunga*) were processed as whole (RD) while swordfish (*X. gladius*) and other fish as fillets (FL) or gutted with head removed (DR).

The observer recorded all bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) under the code MIX (mixed tunas), except for transhipment number 16 (San Carlos No.3), where only *T. obesus* was transhipped. The observer estimations compared closely with the amounts declared by the LSPLVs (apart from transhipment no.3). All LSPLVs were able to provide the observer with the numbers of fish declared. The average weights calculated from these declarations appeared to be representative of the fish transhipped and was used to calculate the observer's estimated total weights.

6 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
02				Yes	03/10/2013	26° 06 S	001° 28 E	07:45-11:10	100
17				Yes	30/10/2013	15° 15 S	008° 17 E	13:10-15:05	100

Table 7 Summary of southern bluefin catch-documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
02	9	986	CM-JP-13-084-01	T-JP-13-084-0001 to T-JP-13-084-0986
17	9	82	CM-JP-13-085-02	T-JP-13-085-0025 to T-JP-13-085-0106

Comments:

The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Form (CMF) was available and completed for both the transshipments containing *T. maccoyii*.

7 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	01/10/13	Yes	Yes	Yes	Yes	Yes	25/10/13	Yes	Y	Yes	Yes	Yes	PB	21/09/13
2			Yes	03/10/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	30/09/13
3			Yes	04/10/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/10/13
4			Yes	06/10/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	05/10/13
5			Yes	09/10/13	Yes	Yes	Yes	Yes	Yes	13/11/05	Yes	Y	Yes	Yes	Yes	EL	08/10/13
6			Yes	14/10/13	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	13/10/13
7			Yes	15/10/13	Yes	Yes	Yes	Yes	Yes	09/05/17	Yes	Y	Yes	Yes	Yes	PB	14/10/13
8			Yes	18/10/13	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	17/10/13
9			Yes	19/10/13	Yes	Yes	Yes	Yes	Yes	15/04/14	Yes	Y	Yes	Yes	Yes	PB	17/10/13
10			Yes	19/10/13	Yes	Yes	No	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PB	19/10/13
11			Yes	20/10/13	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Y	Yes	Yes	Yes	PB	19/10/13
12			Yes	20/10/13	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Y	Yes	Yes	Yes	PB	18/10/13
13			Yes	21/10/13	Yes	Yes	Yes	Yes	Yes	01/11/14	Yes	Y	Yes	Yes	Yes	PB	19/10/13
14			Yes	22/10/13	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Y	Yes	Yes	Yes	PB	21/10/13
15			Yes	22/10/13	Yes	Yes	No	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PB	20/10/13
16			Yes	26/10/13	Yes	Yes	No	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PB	22/10/13
17			Yes	30/10/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	29/10/13

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 Comments from inspections

No	Comments
1	The fishing logbook's original sheets were torn out of logbook and kept in a folder in sequential order.
2	<p>The logbooks were recorded on loose sheets that were "bound" together with paper clamps. The observer could not determine if the sheets were sequentially numbered.</p> <p>Figure 3 Unbound fishing logbook of the LSPLV xxx</p>
3	The vessel recorded the logs in an electronic format (in MS Excel). The LSTLV also provided paper copies of the log recorded in a printed and unbound format.
4	<p>The captain of the LSPLV reported that daily fishing figures were first recorded unprinted and unbound, for a period of ten days, and then emailed them to their company. The company corroborated the figures and then emailed them back in the fishing logbook format. The printed forms were then bound together by the LSPLV captain. The captain was still awaiting the company's logbook figures for October when the LSPLV was inspected. Photographs were taken of the different types of logbook format.</p> <p>Figure 4 Fishing logbooks of the xxx. The Unprinted and unbound format on the right was up to date. The printed format on the left was not up to date.</p>
5	The captain of the vessel reported that fishing logbook data was entered electronically as well. The printed version of the logbook was torn off from logbook daily and then filed sequentially in a folder. Note, the last logbook figures for 08/10/2013 were not yet entered electronically when observer inspected LSPLV though the printed version up to date.
6	No comments.
7	No comments.
8	<p>The vessel name and NRN was marked on the bow, but would have been difficult to see clearly at a distance due to the fouling on the hull of the vessel.</p> <p>Figure 5 Fouled up bow markings of the LSPLV xxx</p>
9	No comments.
10	The fishing logbooks were printed; the pages were not sequentially numbered, and were stapled together in the top left hand corner. The authorization to tranship (No. 013-2013) was in the format of and email (no organisation mentioned) to (ICCAT).

	Figure 6 The document (printed email) produced as an ATT by the LSPLV xxx
11	No comments.
12	The LSTLV was marked "xxx" on the bow and the stern of the vessel. The ICCAT record provided to the observer provided the vessel name "xxx". Figure 7 The bow and stern name markings of the LSPLV marked as “xxx” was reflected in the ICCAT records as “xxx”
13	No comments.
14	No comments.
15	The observer queried the registration number displayed on vessel with the captain as the number was different from the NRN listed in the ICCAT vessel list. The captain appeared to understand and showed the observer a copy of the Certificate of Registry for the vessel. The “official number” recorded on that certificate was xxx. The observer acknowledged and agreed to further enquiries. Photographs of certificate of registry and vessel marking were taken. A copy of the LSPLV inspection report was given to the captain. Figure 8 NRN markings as displayed on the xxx Figure 9 The certificate of registry of the LSPLV xxx displaying the official number of the vessel as xxx The fishing logbook was recorded on printed logsheets held together in a folder. The pages were not numbered sequentially. The authorization to tranship was in the format of and email from x (no organisation mentioned) to (ICCAT). Figure 10 The document (printed email) produced as an ATT by the xxx
16	The NRN displayed on vessel was not the same as RFMO Record . The observer pointed this out to the LSPLV captain when he boarded for inspection. The captain did not appear to comprehend and eventually showed the observer the vessel's International Certificate of Tonnage. This certificate only indicated the "Distinctive number of letters" as xxx. The captain could still not explain the irregularity and replied it was his first trip an only recently relieved the previous captain. Photographs of the vessel markings were taken and the certificate of tonnage. The captain received a copy of the LSPLV inspection report and was also shown where the irregularity was

recorded.

Figure 11 IRCS and NRN of the LSPLV xxx

Figure 12 The International Tonnage Certificate of the xxx

The authorisation to tranship (No. 015-2013) was in the format of and email from (no organisation mentioned) to (ICCAT).

Figure 13 The document (printed email) produced as an ATT by the LSPLV xxx

The fishing logbook was printed and bound, but the pages were not marked with sequential numbers.

17

The fishing logbook was printed and the pages retained in a folder. The pages were not sequentially numbered.

7.1 Verifying vessel name / RFMO number and National Registration Number.

The registration number displayed on the LSPLV xxx (Figure 8) was not the same as the number recorded in the RFMO record. The observer informed the captain that the registration numbers displayed on the bow and stern of vessel differed to that from the RFMO record, when he boarded for the inspection. The captain appeared to understand but showed the observer a copy of the vessel's Certificate of Registry. There the official number was recorded as xxx; the same as displayed on vessel. The captain said he could not explain the irregularity and did not know why the numbers did not coincide. The observer acknowledged and pointed out on the Inspection report where the irregularities were recorded. The captain acknowledged and the observer agreed to further enquiries. A copy of the LSPLV Inspection Report was given to the captain. Photographs were taken of the vessel markings and the Certificate of Registry (Figure 9).

The registration number displayed on the LSPLV xxx was not the same as the number recorded in the RFMO Record (Figure 11). The observer pointed this out to the LSPLV captain when he boarded for the inspection. The captain did not appear to comprehend and eventually showed the observer the vessel's International Certificate of tonnage (figure 12). There the number was recorded as xxx, the same as the RFMO record. The observer pointed this out again to the captain who still did not appear to comprehend. He replied that it was his first trip and only just relieved the previous captain. He said he could not explain the irregularity and did not know why the numbers did not coincide. The observer acknowledged and pointed out on the Inspection report where the irregularities were recorded. The captain acknowledged and the observer agreed to further enquiries. A copy of the LSPLV Inspection Report was given to the captain. Photographs were taken of the vessel markings and the International Certificate of Tonnage.

7.2 Issues with Fishing Licence, logbooks or VMS

None

8 Other Observer Tasks.

8.1 CV waste disposal

The carrier vessel separated all their waste into plastic, cans and bottles and combustibles. Labelled, colour coded drums were placed in all the corridors, galley and recreational areas. These were emptied daily into larger drums on the poop deck for later disposal at shore. There was an incinerator onboard but not used. Marpol and emergency safety evacuation posters were also displayed throughout the vessel.



Figure 14 Garbage disposal drums in all corridors



Figure 15 Garbage disposal drums on poop deck

8.2 Unidentified or IUU vessels

None

8.3 Marine mammals.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
01/10/2013	16:00	29° 17 S	006° 45 E	Humpback Whale (<i>Megaptera novaeangliae</i>)	2 Adults	Moving parallel to vessel in opposite direction, displaying, and flapping long pectoral fins in the water
01/10/2013	17:00	29° 05 S	006° 23 E	Humpback Whale (<i>Megaptera novaeangliae</i>)	2 Adults	Moving parallel to vessel in opposite direction, displaying and flapping long pectoral fins in the water
04/10/2013	10:00	23° 53 S	001° 52 E	Minke whale (<i>Balaenoptera acutorostrata</i>)	1 Adult	Hanging around both vessels while transhipping for about 30 minutes.
17/10/2013	16:00	23° 53 S	001° 52 E	Unidentified Dolphins	12 Adults + 8 calves	Swimming alongside vessel for about 15 minutes

9 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		02/10/2013	26°23 S	001°11 E	Tranship provisions and fuel	Yes
		04/10/2013	23°52 S	001°50 E	Tranship provisions and fuel	Yes
		05/10/2013	19°37 S	003°21 E	Tranship provisions	Yes
		13/10/2013	03°29 N	020°45 W	Received Fuel intended for LSPLVs	Yes
		17/10/2013	05°14 S	023°00 W	Tranship bait and provisions	Yes
		21/10/2013	05°20 S	021°55 W	Tranship bait and provisions	Yes
		30/10/2013	15°18 S	008°15 E	Tranship fuel	Yes
		31/10/2013	15°59 S	008°13 E	Tranship fuel	Yes
		31/10/2013	15°57 S	008°10 E	Tranship fuel	Yes

Appendix 2 In-port Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		25/09/2013	33°54 S	018°26 E	Port – Cape Town	No
		27/09/2013	33°54 S	018°26 E	Port – Cape Town	No

These transhipments were conducted the Table Bay harbour before the CV sailed.

ICCAT

Observer Report



Trip Number:	141
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.:	AT000JPN00571
Observer Name:	Taylan Tolga Koken
Cruise Dates:	From: 07/09/2013 To: 02/11/2013

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd. and MRAG Ltd., Taylan Tolga Koken (ICCAT# 101) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.24 (AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 07/09/2013 to 02/11/2013.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

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- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	Ise-Shi (Japan)	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6,347.5 M3 3,200 M/T
Size (GRT):	4,992 Ton	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC Type JLR-7800 JRC Type JLR-7700MK JRC Type JLR-680		
Vessel monitoring system (present/absent):	PRESENT JRC JUE-95VM INMARSAT-C		
Radar:	JMA-8613-CA JMA-6503-9		
Communications equipment:	HF/MF: JRC JSS-800 2 x VHF: JRC JHS-31 Inmarsat B, C and F33		
Plotters:	JRC NWU-53		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	07/09/2013
Method of embarkation*	Port side directly on Carrier Vessel
Date of departure	07/09/2013
Date of first transshipment	10/09/2013
Date of last transshipment	29/10/2013
Date of return	02/11/2013
Date of disembarkation	02/11/2013
Method of disembarkation*	Port side
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 37 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

Figure 1 Location of transhipments.

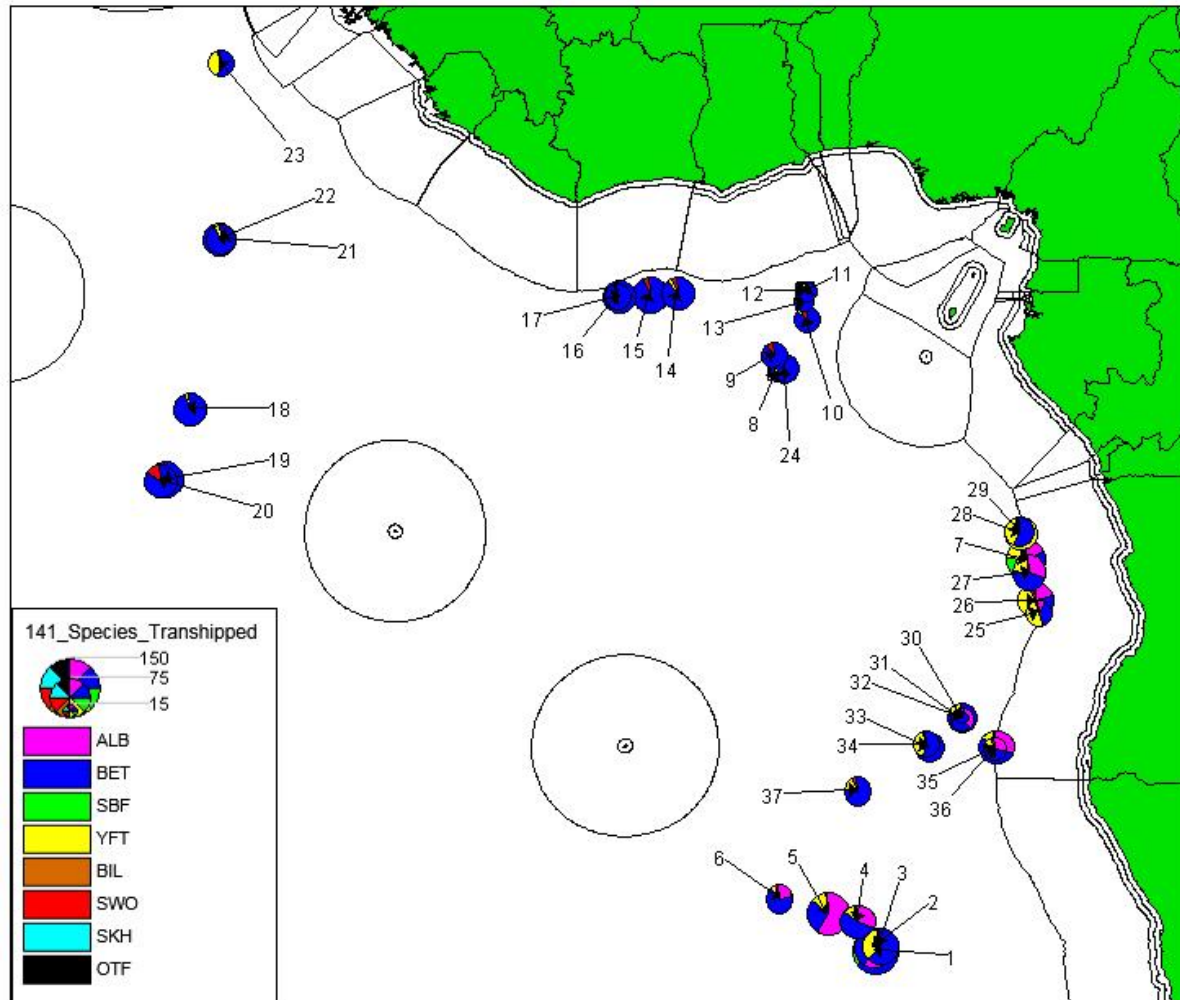


Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	16
	18
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	10/09/2013	23°35.704 S	003°39.608 E	09:35	100
2				Yes	11/09/2013	23°28.152 S	003°36.847 E	07:33	100
3				Yes	12/09/2013	23°23.249 S	003°49.949 E	07:20	94
4				Yes	13/09/2013	22°30.732 S	002°57.786 E	04:56	86
5				Yes	14/09/2013	22°12.197 S	001°54.192 E	07:44	96
6				Yes	16/09/2013	21°37.694 S	000°04.674 E	02:06	100
7				Yes	20/09/2013	08°58.747 S	009°20.994 E	05:00	100
8				Yes	23/09/2013	02°00.455 S	000°00.588 W	01:00	100
9				Yes	24/09/2013	01°21.142 S	000°10.32 W	02:32	100
10				Yes	25/09/2013	00°00.024 N	001°06.058 E	02:35	100
11				Yes	26/09/2013	00°59.582 N	001°01.954 E	01:02	100
12				Yes	26/09/2013	01°03.09 N	001°04.204 E	00:46	100
13				Yes	27/09/2013	00°39.059 N	001°00.235 E	02:20	100
14				Yes	28/09/2013	00°58.697 N	003°47.55 W	03:27	100
15				Yes	29/09/2013	00°55.2 N	004°49.8 W	03:45	100
16				Yes	30/09/2013	00°52.729 N	006°03.113 W	02:33	100
17				Yes	01/10/2013	00°51.272 N	005°56.964 W	02:21	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
18				Yes	04/10/2013	03°19.914 S	022°09.501 W	02:56	100
19				Yes	05/10/2013	05°59.416 S	023°02.777 W	04:05	100
20				Yes	05/10/2013	06°00.398 S	023°14.804 W	04:05	100
21				Yes	07/10/2013	03°00.418 N	021°01.961 W	03:18	100
22				Yes	08/10/2013	02°58.881 N	020°55.959 W	02:03	100
23				Yes	09/10/2013	09°36.384 N	021°00.021 W	01:56	100
24				Yes	18/10/2013	01°50.424 S	000°15.953 E	02:10	100
25				Yes	21/10/2013	10°57.723 S	009°47.911 E	05:11	100
26				Yes	22/10/2013	10°31.013 S	009°41.723 E	09:07	100
27				Yes	23/10/2013	09°27.347 S	009°28.195 E	03:48	100
28				Yes	24/10/2013	07°58.001 S	009°07.133 E	02:40	100
29				Yes	24/10/2013	07°54.928 S	009°07.529 E	03:15	100
30				Yes	26/10/2013	14°56.276 S	006°57.732 E	01:54	100
31				Yes	26/10/2013	14°53.983 S	006°55.666 E	00:27	100
32				Yes	26/10/2013	14°52.597 S	006°55.341 E	02:55	100
33				Yes	27/10/2013	15°59.992 S	005°42.414 E	04:52	100
34				Yes	27/10/2013	15°52.743 S	005°36.158 E	03:23	100
35				Yes	28/10/2013	16°01.599 S	008°11.247 E	01:32	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
36				Yes	28/10/2013	15°59.647 S	008°12.954 E	03:26	100
37				Yes	29/10/2013	17°35.849 S	003°00.678 E	02:25	100

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	66.722	0	20.331	4.646	5.376	137.164	22.973	141.81	141.835	0.03	0.02%
2	0	34.326	0	10.789	2.338	2.25	117.256	69.722	119.594	117.087	-2.51	-2.14%
3	0	56	0	34	4.136425	3	87.1742	0	91.31063	93	1.69	1.82%
4	0	45.206	0	10.352	1.93325	2.655	83.99289	27.664	85.92614	85.877	-0.05	-0.06%
5	0	35	0	17	2.0287	1.3	140.4495	72.7	142.4782	126	-16.48	-13.08%*
6	0	36.874	0	3.662	1.264	1.765	57.296	13.423	58.56	55.724	-2.84	-5.09%
7	0	35.639	0	23.81	5.697	3.322	111.313	21.849	117.01	108.887	-8.12	-7.46%
8	0	16.364	0	1.649	0	0	18.63	0	18.63	18.013	-0.62	-3.43%
9	0	44.67	0	0.32	5.66	4.9	47.49	0	53.15	49.89	-3.26	-6.53%
10	43.758	45.71	1.562	1.692	6	6	0	0	51.32	53.402	2.08	3.90%
11	25.69	24.557	0.82	0.82	9.16	10.943	0	0	35.67	36.32	0.65	1.79%
12	22.064	22.414	1.639	1.695	0	0	0	0	23.703	24.109	0.41	1.68%
13	27.88	30	0	0	1.93	1.8	0	0	29.81	31.8	1.99	6.26%
14	65.516	68	2.979	4	5.665	4.75	0	0	74.16	76.75	2.59	3.37%
15	74.255	80	1	1	4.425	4.72	0	0	79.68	85.72	6.04	7.05%
16	44.227	44.237	1.483	1.483	0	0	0	0	45.71	45.72	0.01	0.02%
17	73.487	75.131	2.293	2.249	0	0	0	0	75.78	77.38	1.60	2.07%
18	70.667	72.505	3.733	3.637	0	0	0	0	74.4	76.142	1.74	2.29%
19	83.922	84.136	2.998	2.795	12.55	12	0	0	99.47	98.931	-0.54	-0.54%
20	63.888	62	0.992	0.85	11.5	12	0	0	76.38	74.85	-1.53	-2.04%
21	74.278	75.119	5.042	4.881	0	0	0	0	79.32	80	0.68	0.85%
22	64.151	65	5.209	5	0	0	0	0	69.36	70	0.64	0.91%
23	25.962	23.685	21.966	20.538	2.41	1.976	0.892	0.871	51.23	47.07	-4.16	-8.84%
24	62.172	63.014	3.018	3.114	0	0	0	0	65.19	66.128	0.94	1.42%
25	17.259	17.611	0	26.927	1.051	1.577	70.12	36.508	88.43	82.623	-5.81	-7.03%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
26	32.902	30.958	38.158	39.203	4.865	5.662	71.935	61.338	147.86	137.161	-10.70	-7.80%
27	40.967	38.918	21.302	20.479	1.342	1.86	30.46	26.788	94.071	88.045	-6.03	-6.84%
28	4.291	4.418	82.42	75.119	1.209	0.879	0	0	87.92	80.416	-7.50	-9.33%
29	38.85	35.4	32.847	27.198	1.683	1.764	0	0	73.38	64.362	-9.02	-14.01%**
30	17.269	17.237	4.63	4.845	0	0	15.88	14.667	38.76	37.73	-1.03	-2.73%
31	9.5	9.906	2.09	2.12	0	0	0	0	11.59	12.026	0.44	3.63%
32	42.676	41.8	10.834	11.5	0	0	0	0	53.51	53.3	-0.21	-0.39%
33	61.232	55.834	13.256	13.577	1.562	1.582	5.15	0	81.2	70.993	-10.21	-14.38%***
34	34.144	29.527	26.289	25.828	1.074	2.024	0.493	1.488	62	58.867	-3.13	-5.32%
35	21.611	20.818	8.611	7.47	2.984	1.683	11.524	12.706	44.73	42.677	-2.05	-4.81%
36	48.594	44.804	14.842	11.528	1.825	1.886	30.119	28.263	95.38	86.481	-8.90	-10.29%****
37	44.616	44.219	10.455	10.289	1.519	2.785	0.33	0.324	56.92	57.617	0.70	1.21%

Comments:

Note for TS# 5: The CV hang scale total was 142.2 t but the transshipment declaration was prepared based on the LSPLV Pre-Transshipment figures.

Note for TS# 26: The CV hang scale total was 73.25 t but the transshipment declaration was prepared based on the LSPLV Pre-Transshipment figures.

Note for TS#33: The CV total was 75.14 t for *Thunnus obesus* (BET), *Thunnus albacares* (YFT) and *Xiphias gladius* (SWO). The CV also transhipped small tuna pieces and tuna stomach in sacks which was recorded as 5.19 t in the CV records but the small tuna pieces and the tuna stomach were not included in the TD.

Note for TS# 36: The CV hang scale total was 95.53 t but the transshipment declaration was prepared based on the LSPLV Pre-Transshipment figures.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**4, a breakdown by transshipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
	Other fish Unclassified	All	79.32	2.96	70.55	2.70
	Other fish Unclassified	NE	0	0	0.217	8.30
Albacore	<i>Thunnus alalunga</i>	All	23.41	8.75	223.84	8.56
Albacore	<i>Thunnus alalunga</i>	N	0.335	1.25	0.314	1.20
Albacore	<i>Thunnus alalunga</i>	S	114.335	4.27	107.759	4.12
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.126	4.21	1.649	6.31
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.132	4.93	0.132	5.05
Atlantic blue marlin	<i>Makaira nigricans</i>	S	1.633	6.1	1.099	4.20
Atlantic white marlin	<i>Tetrapturus albidus</i>	S	0	0	0.13	4.97
Bigeye tuna	<i>Thunnus obesus</i>	All	1235.828	0.46	1597.759	0.61
Black marlin	<i>Makaira indica</i>	S	0.13	4.86	0	0
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.718	2.68	0	0
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	E	0	0	0.208	7.96
Mixed Tunas		All	788.545	0.29	0	0
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.086	3.21	0.197	7.53
Northern bluefin tuna	<i>Thunnus thynnus</i>	All	0.981	3.67	0	0
Opah	<i>Lampris guttatus</i>	All	1.288	4.81	0.404	1.54
Opah	<i>Lampris guttatus</i>	NE	0.178	6.65	0	0
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.04	1.49	0	0
Shortfin mako	<i>Isurus oxyrinchus</i>	All	1.867	6.98	2.099	8.03
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0	0	0.221	8.45

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0	0	0.082	3.13
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0	0	51.681	1.97
Striped marlin	<i>Tetrapturus audax</i>	All	0.7475	2.79	0.867	3.31
Striped marlin	<i>Tetrapturus audax</i>	E	0.208	7.78	0	0
Swordfish	<i>Xiphias gladius</i>	All	54.299	2.03	50.704	1.94
Swordfish	<i>Xiphias gladius</i>	N	2.41	9.01	1.976	7.56
Swordfish	<i>Xiphias gladius</i>	S	43.164	1.61	47.779	1.82
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	All	1.725	6.45	1.224	4.68
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	NE	0.128	4.78	0	0
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	SE	0.5	1.87	0.494	1.89
Yellowfin tuna	<i>Thunnus albacares</i>	All	320.468	0.11	451.75	0.17

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

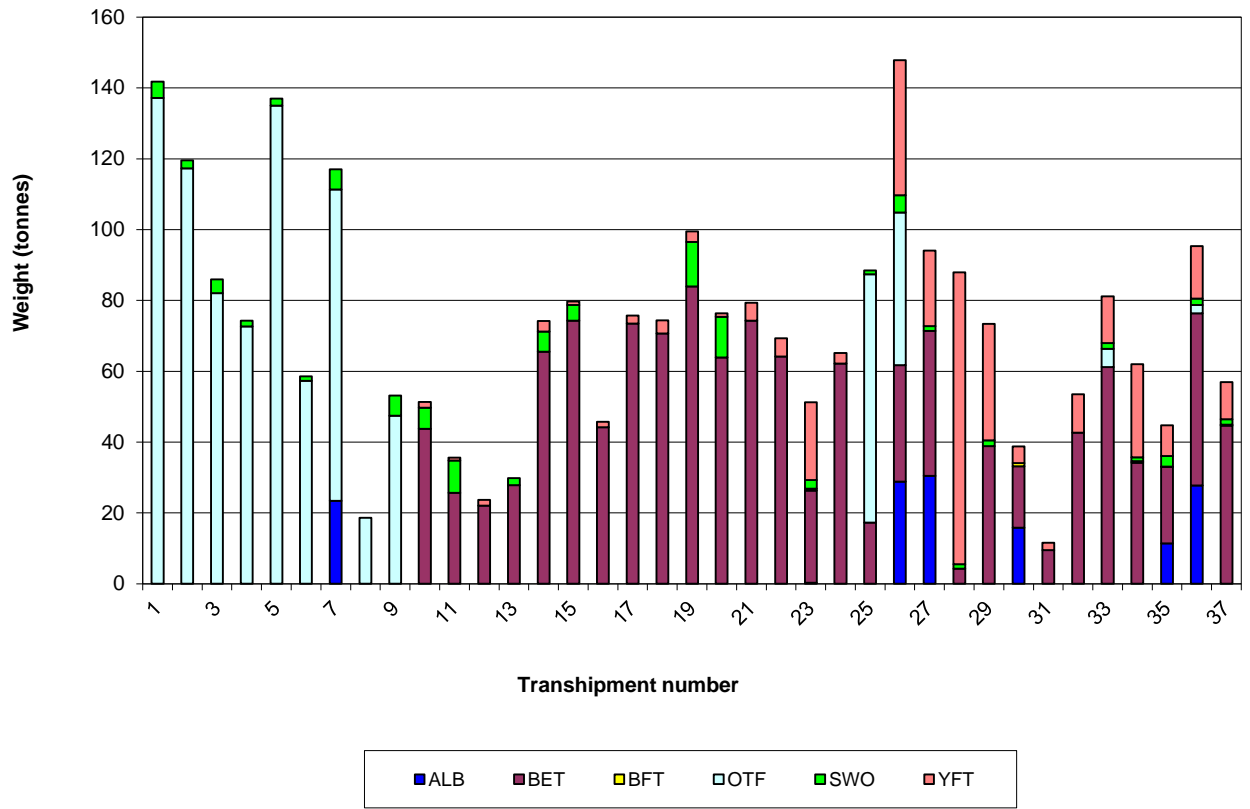


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	14.03
Albacore	<i>Thunnus alalunga</i>	13.1
Atlantic blue marlin	<i>Makaira nigricans</i>	107.07
Bigeye tuna	<i>Thunnus obesus</i>	41.38
Black marlin	<i>Makaira indica</i>	130
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	23.93
Mixed Tunas		22.45
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	10.75
Northern bluefin tuna	<i>Thunnus thynnus</i>	49.05
Opah	<i>Lampris guttatus</i>	9.9
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	20
Shortfin mako	<i>Isurus oxyrinchus</i>	33.94
Striped marlin	<i>Tetrapturus audax</i>	38.22
Swordfish	<i>Xiphias gladius</i>	49.15
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	13.52
Yellowfin tuna	<i>Thunnus albacares</i>	28.23

Comments:

The observer estimated the number of the species while the fish has been transshipping from the LSPLV and the weight estimations were based on the CV scale. The fish species were generally transhipped in mixed groups not species by species. In that case the observer calculated the average weight by species which was reported by the LSPLV and used that average to calculate the total transhipped weight by species.

The main transhipped species were *T. obesus*, *T. albacares*, *Thunnus alalunga* and *X. gladius*.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	10/09/2013	23°35.704' S	003°39.608' E	08:45	100
7				Yes	20/09/2013	08°58.747' S	009°20.994' E	07:15	100
30				Yes	26/10/2013	14°56.276 S	006°57.732 E	10:19	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Number	Monitoring Form	Tag series number (from – to)
1	9	484		CM-JP-13-080-01	1 ~ 484
7	9	445		CM-JP-13-043-01	1 ~ 445
30	11	1		CM-TW130095	TW13045451
	15	19			TW13045452 ~ TW13045470

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	10/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	UB	08/09/2013
2			Y	11/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	EL	10/09/2013
3			Y	12/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	UB	11/09/2013
4			Y	13/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	UB	12/09/2013
5			Y	14/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	PU	13/09/2013
6			Y	16/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	UB	15/09/2013
7			Y	20/09/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	EL	18/09/2013
8			Y	23/09/13	Y	Y	UNK	Y	Y	12/08/14	Y	N	Y	Y	Y	PB	22/09/2013
9			Y	24/09/13	Y	Y	UNK	Y	Y	05/10/16	Y	N	Y	Y	Y	PU	22/09/2013
10			Y	25/09/13	Y	Y	UNK	Y	Y	01/03/17	Y	Y	Y	Y	Y	PB	24/09/2013
11			Y	26/09/13	Y	Y	UNK	Y	Y	03/04/16	Y	Y	Y	Y	Y	PB	25/09/2013
12			Y	26/09/13	Y	Y	UNK	Y	Y	18/10/15	Y	Y	Y	Y	Y	PB	25/09/2013
13			Y	27/09/13	Y	Y	UNK	Y	Y	14/05/16	Y	Y	Y	Y	Y	PB	27/09/2013
14			Y	28/09/13	Y	Y	UNK	Y	Y	01/09/17	Y	Y	Y	Y	Y	PB	25/09/2013
15			Y	29/09/13	Y	Y	UNK	Y	Y	28/11/15	Y	Y	Y	Y	Y	PU	27/09/2013
16			Y	30/09/13	Y	Y	UNK	Y	Y	28/01/14	Y	Y	Y	Y	Y	PU	29/09/2013
17			Y	01/10/13	Y	Y	UNK	Y	Y	15/03/15	Y	Y	Y	Y	Y	PU	30/09/2013
18			Y	04/10/13	N	Y	UNK	Y	Y	08/08/15	Y	Y	Y	Y	Y	PU	04/10/2013
19			Y	05/10/13	Y	Y	UNK	Y	Y	13/01/15	Y	N	Y	Y	Y	PU	05/10/2013
20			Y	05/10/13	Y	Y	UNK	Y	Y	13/01/15	Y	N	Y	Y	Y	PU	30/09/2013
21			Y	07/10/13	Y	Y	UNK	Y	Y	31/10/14	Y	Y	Y	Y	Y	PB	06/10/2013
22			Y	08/10/13	Y	Y	UNK	Y	Y	01/12/15	Y	Y	Y	Y	Y	PB	06/10/2013
23			Y	09/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	PU	08/10/2013

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
24			Y	18/10/13	Y	Y	UNK	Y	Y	24/10/16	Y	Y	Y	Y	Y	Y	PU	17/10/2013
25			Y	21/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	19/10/2013
26			Y	22/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	20/10/2013
27			Y	23/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	21/10/2013
28			Y	24/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	22/10/2013
29			Y	24/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	22/10/2013
30			Y	26/10/13	Y	Y	UNK	Y	Y	26/09/17	Y	Y	Y	Y	Y	Y	PU	24/10/2013
31			Y	26/10/13	Y	Y	UNK	Y	Y	03/04/16	Y	Y	Y	Y	Y	Y	PB	25/10/2013
32			Y	26/10/13	Y	Y	UNK	Y	Y	13/05/14	Y	Y	Y	Y	Y	Y	PU	25/10/2013
33			Y	27/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	26/10/2013
34			Y	27/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	26/10/2013
35			Y	28/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	27/10/2013
36			Y	28/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	EL	27/10/2013
37			Y	29/10/13	Y	Y	UNK	Y	Y	31/07/17	Y	N	Y	Y	Y	Y	PU	28/10/2013

Comments.

Regarding the Authorization to Tranship (ATT) document of the LSPLVs flagged to xxx: “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” document was presented as the “ATT” document by the xxx flagged LSPLVs. As the chief officer of the CV informed that the xx LSPLV companies send the above mentioned declaration form to the xx government to inform them about their transhipment operation but according to their regulations the government does not produce a document to give authorisation to the LSPLVs for transhipment.

Table 9 **Comments from inspections**

No	Comments
1	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
2	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented by the LSPLV as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
3	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented to the observer as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
4	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
5	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
6	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
7	A document called “Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
8	A document called “Notification For Taiwan Flagged Vessels To Apply For Transhipment” was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes

No	Comments
	such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
9	A document called "Notification For Taiwan Flagged Vessels To Apply For Transhipment" was presented as Prior Authorisation to Tranship document. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
10	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
11	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
12	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
13	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
14	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries-, was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
15	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
16	Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571). As the chief officer informed they will discuss this issue with their operating company.
17	The name of the LSPLV was written incorrectly in the stern markings as "xxx". The LSPLV master informed that in the next year (2014) they will correct the name on the stern. Bow markings were correct. There were two logbooks on. The newest logbook was bound but the previous one was unbound. Previous version of Transhipment Declaration -which does not include the last changes such as stock and area queries- was used by the CV Taisei Maru No.24 (ICCAT ID# AT000JPN00571).

No	Comments
18	The name of the LSPLV was not displayed correctly on the bow and stern markings. On the stern it was written as "xxx". The master of the LSPLV informed that it is not a mistake since they type and read from the right towards left in Chinese but on the bow the name was written in English grammar rules. Name on bow not readable. Logbook did not have printed page numbers. The LSPLV master informed that every page has as date sequentially and they use the date as page numbers
19	Logbook sheets were not numbered. Date information was available on each page. The LSPLV presented 2 fax copies of ICCAT Transhipment Declaration as Authorization To Tranship document. One of them included only an authorization number given by the Philippines Government and the LSPLV and CV details (no date, position or transhipment amount information determined) and the other fax copy included the LSPLV and CV details and transhipment date and amount (no authorization number or position determined). Also the given date was 03/10/2013 in the second document, which is two days before the transhipment conducted.
20	Logbook sheets were not numbered. Date information was available on each page. The LSPLV presented 2 fax copies of ICCAT Transhipment Declaration as Authorization To Tranship document. One of them included only an authorization number given by the Philippines Government and the LSPLV and CV details (no date, position or transhipment amount information determined) and the other fax copy included the LSPLV and CV details and transhipment date and amount (no authorization number or position determined). Also the given date was 03/10/2013 in the second document, which is two days before the transhipment conducted.
23	A document called "Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" was presented as Prior Authorisation to Tranship document. Logbook had no page numbers.
24	Authorization To Tranship expected date was on the 17th October 2013 but conducted on the 18th October.
25	"Declaration Of Offloading Abroad And Transhipment For Tuna Longline Fishery" document was presented as "Authorization To Tranship" document.
26	"Declaration Of Offloading Abroad And Transhipment For Tuna Longline Fishery" document was presented by the LSPLV as "Authorization To Tranship" document.
27	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the "Authorization To Tranship" document by the LSPLV. Scheduled date of the transhipment was 25/10/2013 on the declaration form which was presented as the Authorization To Tranship document but the transhipment was carried out 23/10/2013.
28	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. As the chief officer of the CV informed the observer that the xxx government does not produce a document to authorise the LSPLVs for transhipment. Scheduled date of the transhipment was 25/10/2013 on the declaration form which was presented as the Authorization To Tranship document but the transhipment was carried out 24/10/2013.
29	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the

No	Comments
	Authorisation To Tranship document by the LSPLV. As the chief officer of the CV informed the observer that the xxx government does not produce a document to authorise the LSPLVs for transhipment. Scheduled date of the transhipment was 21/10/2013 on the declaration form which was presented as the Authorization To Tranship document but the transhipment was carried out 24/10/2013.
32	VMS unit make and model was not familiar. Authorization To Tranship was given for 45t. The LSPLV numbers to tranship was 52.5t in the pre-transhipment details form. In the end the LSPLV transhipped 53.3t. The chief officer of the CV informed the observer that the xxx government allows an extra 20% quota to tranship for the fish that might be caught by the LSPLV until the transhipment date.
33	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. As the chief officer of the CV informed the observer that the xxx government does not produce a document to authorise the LSPLVs for transhipment. Scheduled date of the transhipment was 30/10/2013 on the declaration form which was presented as the Authorization To Tranship document but conducted on 27/10/2013.
34	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. Scheduled date of the transhipment was 21/10/2013 on the declaration form which was presented as the Authorization To Tranship document but conducted on 27/10/2013.
35	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. Scheduled date of the transhipment was 24/10/2013 on the declaration form which was presented as the Authorization To Tranship document but conducted on 28/10/2013.
36	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. Scheduled date of the transhipment was 24/10/2013 on the declaration form which was presented as the Authorization To Tranship document but conducted on 28/10/2013.
37	"Declaration of Offloading Abroad and Transhipment for Tuna Longline Fishery" document was presented as the Authorisation To Tranship document by the LSPLV. Logbook sheets not numbered.

The observer made 32 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			14101	DNP	OTH	
2			14102	DNP	OTH	
3			14103	DNP	OTH	
4			14104	DNP	OTH	
5			14105	DNP	LNB	OTH
6			14106	DNP	OTH	
7			14107	DNP	OTH	
8			14108	DNP	OTH	
9			14109	DNP	LNB	OTH
10			14110	OTH		
11			14111	OTH		
12			14112	OTH		
13			14113	OTH		
14			14114	OTH		
15			14115	LNB	OTH	
16			14116	LNB	OTH	
17			14117	IIM	LNB	OTH
18			14118	IIM	LNB	LNN
19			14119	LNB	LNN	DNP
20			14120	LNB	LNN	DNP
23			14123	DNP	LNB	LNN
24			14124		LNB	
25			14125	DNP		
26			14126	DNP		
27			14127	DNP		
28			14128	DNP		
29			14129	DNP		
30			14130	LNB		
32			14132		LNB	
33			14133	DNP		
34			14134	DNP		
35			14135	DNP		
36			14136	DNP		
37			14137	DNP	LNB	LNN

8.2 Verifying vessel name / RFMO number and National Registration Number.

TS# 17; LSPLV: xxx

The name of the vessel on the stern markings was not correct. The number was absent in the end of the name.

TS# 18; LSPLV: xxxx

Name on bow not readable.

The LSPLV name was reversed in the stern markings.

8.3 Issues with Fishing Licence, logbooks or VMS

9 Other Observer Tasks.

9.1 CV waste disposal

Not observed.

9.2 Unidentified or IUU vessels

Not observed.

9.3 Marine mammals.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		14/09/2013	22 ⁰ 19.087' S	1 ⁰ 58.802' E	Fuel Oil, Bait & General Cargo	Y
		14/09/2013	22 ⁰ 15.219' S	1 ⁰ 56.533' E	Fuel Oil, Bait & General Cargo	Y
		15/09/2013	23 ⁰ 19.820' S	0 ⁰ 09.703' E	Fuel Oil, Bait & General Cargo	Y
		15/09/2013	23 ⁰ 15.092' S	0 ⁰ 09.480' E	Fuel Oil, Bait & General Cargo	Y
		15/09/2013	23 ⁰ 12.220' S	0 ⁰ 08.946' E	Fuel Oil, Bait & General Cargo	Y
		16/09/2013	21 ⁰ 37.817' S	0 ⁰ 04.689' E	Fuel Oil	Y
		16/09/2013	21 ⁰ 35.231' S	0 ⁰ 01.472' E	Fuel Oil & General Cargo	Y
		17/09/2013	21 ⁰ 44.086' S	0 ⁰ 38.931' E	General Cargo	Y
		17/09/2013	21 ⁰ 43.470' S	0 ⁰ 38.380' E	Fuel Oil, Bait & General Cargo	Y
		18/09/2013	17 ⁰ 57.265' S	1 ⁰ 58.270' E	General Cargo	Y
		04/10/2013	3 ⁰ 15.335' S	22 ⁰ 13.679' W	Bait & General Cargo	Y
		21/10/2013	10 ⁰ 59.312' S	9 ⁰ 47.866' E	General Cargo	Y
		23/10/2013	9 ⁰ 28.098' S	9 ⁰ 31.603' E	Fuel Oil & General Cargo	Y
		24/10/2013	8 ⁰ 00.164' S	9 ⁰ 07.008' E	Fuel Oil	Y
		26/10/2013	14 ⁰ 49.872' S	6 ⁰ 48.024' E	Fuel Oil	Y

General Cargo: Food, drink, magazines etc.

ICCAT

Observer Report



Trip Number:	142/13
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000VUT00014
Observer Name:	Barrie Rose
Cruise Dates:	From: 18/10/2013 To 14/11/2013

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and Capfish, Barrie Rose (ICCAT no. 26) joined the Vanuatu registered Carrier Vessel (CV) Genta Maru (AT000VUT00014) as the ICCAT observer, monitoring the transshipment of tuna, swordfish and tuna-like species in the Atlantic Ocean from 18/10/2013 to 14/11/2013.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	YJRE3
Port of registration:	Port Vila	FlagState:	Vanuatu
Owner:	Toei Reefer Line Ltd.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2400mt
Size (GRT):	3989mt	Length (LOA):	99.06m
On-board acoustic equipment:		JRC JFE - 680	
Position fixing equipment:		GPS JRC - 7500	
Vessel monitoring system (present/absent):		present	
Radar:		2 X KEIKI – BR 3200	
Communications equipment:		VHF x 2, Inmarsat B & C	
Plotters:		none	
Tuna products already on board (Quantity)		1141mt	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	18/10/2013
Method of embarkation*	Portside
Date of departure	N/A
Date of first transshipment	20/11/2013
Date of last transshipment	10/11/2013
Date of return	Portside
Date of disembarkation	N/A
Method of disembarkation*	Cape Town
Port of return	14/11/2013

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The Carrier Vessel departed Table Bay Harbour, Cape Town, South Africa on 18/11/2013 and the Observer joined in Cape town on the 18/11/2013. The vessel contained around 1141 tonnes of tuna when the observer boarded. The fish on board when the observer boarded was received from transshipments in the Indian Ocean and in the port of Cape Town

The vessel made a total of 18 transshipments at sea, the locations are shown in detail in

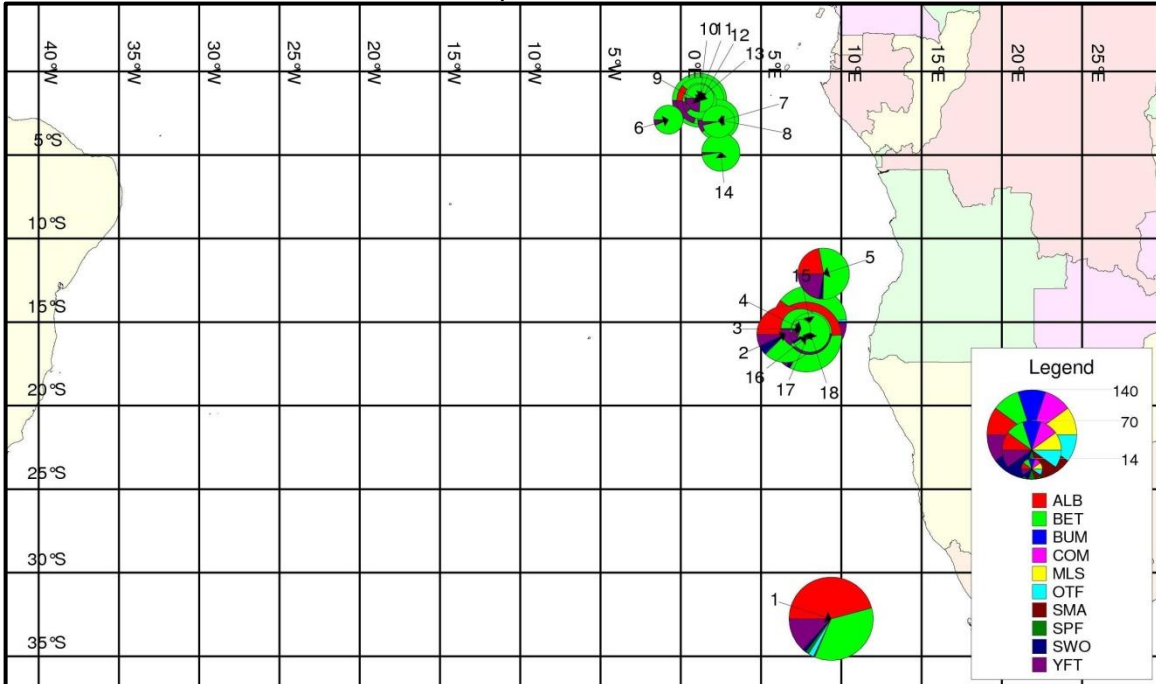


Figure 1. At the end of the trip the vessel returned to Cape Town where the observer disembarked.

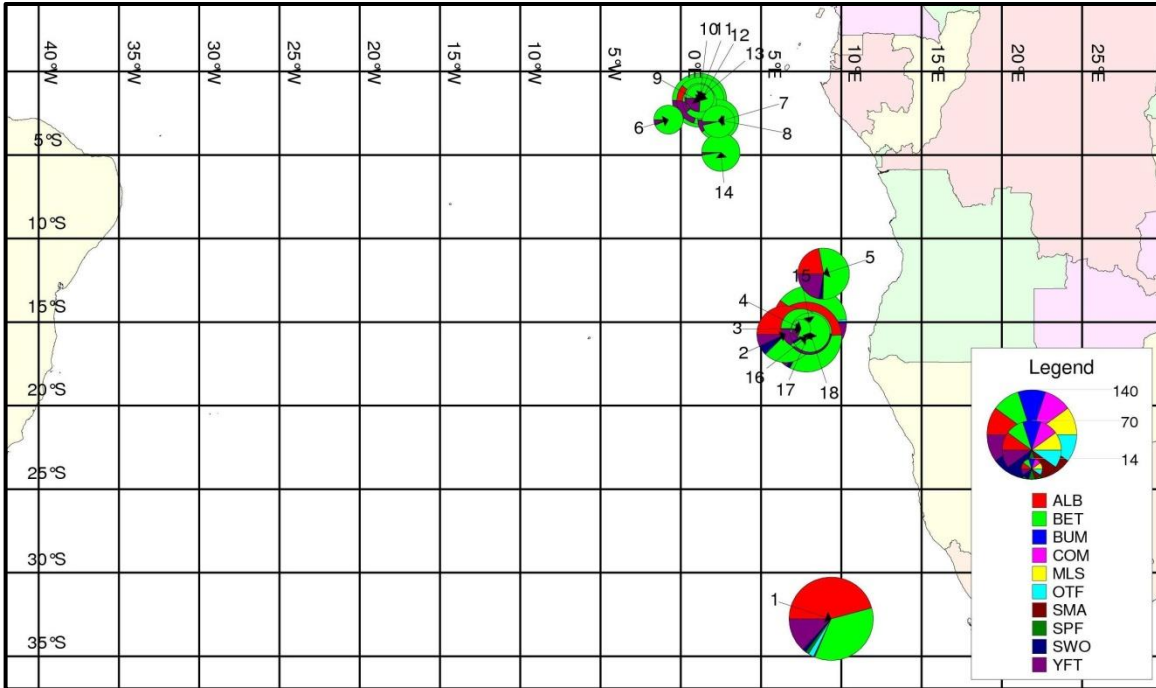


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	8
	7
	3

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Vessel Name	ICCAT reference number	Flag	Date	Latitude	Longitude	Transhipment time	Observer coverage
1				20/10/13	32°46.37 S	009°21.64 E	12:50	100.00%
2				24/10/13	15°43.89 S	006°32.03 E	04:55	100.00%
3				26/10/13	15°24.25 S	007°29.5 E	00:25	100.00%
4				26/10/13	15°23.38 S	007°29.37 E	01:45	100.00%
5				27/10/13	12°07.22 S	008°53.88 E	03:15	100.00%
6				31/10/13	02°53.86 S	000°45.82 W	01:00	100.00%
7				01/11/13	03°00.44 S	002°20.65 E	01:10	100.00%
8				01/11/13	02°54.01 S	002°20.12 E	01:15	100.00%
9				02/11/13	01°48.9 S	001°10.13 E	01:05	100.00%
10				02/11/13	01°44.1 S	001°10.13 E	02:30	100.00%
11				02/11/13	01°33.75 S	001°09.5 E	01:25	100.00%
12				03/11/13	01°45.32 S	001°13.6 E	01:50	100.00%
13				03/11/13	01°36.6 S	001°11.9 E	00:40	100.00%
14				05/11/13	04°50.83 S	002°29.88 E	01:50	100.00%
15				08/11/13	15°01.9 S	008°02.36 E	06:00	100.00%
16				09/11/13	15°54.54 S	007°48.25 E	06:20	100.00%
17				10/11/13	15°39.18 S	008°00.63 E	02:00	100.00%
18				10/11/13	15°38.48 S	008°03.17 E	02:30	100.00%

Table 3 Summary of vessel / observer estimated figures

No	BET		YFT		SWO		Other		Total		Difference	
	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Weight	Percentage
1	56.669	47.247	17.757	17.603	2.101	1.764	61.784	66.623	138.311	133.237	-5.07	-3.81%
2	22.633	20	3.8	5	2.58	2.4	38.008	41.1	67.021	68.5	1.48	2.16%
3	7.5	7.5	1.75	1.75	0	0	0	0	9.25	9.25	0.00	0.00%
4	30	30	6	6	0	0	0	0	36	36	0.00	0.00%
5	30.636	30.636	12.576	12.576	1.219	1.219	12.977	13.068	57.408	57.499	0.09	0.16%

No	BET		YFT		SWO		Other		Total		Difference	
	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Weight	Percentage
6	20	20	1.4	1.4	0	0	0	0	21.4	21.4	0.00	0.00%
7	24	24	1	1	0	0	0	0	25	25	0.00	0.00%
8	34	34	4	4	0	0	0	0	38	38	0.00	0.00%
9	24.559	24.559	3.006	3.006	0	0	0	0	27.565	27.565	0.00	0.00%
10	53.926	53.926	8.674	8.674	0	0	0	0	62.6	62.6	0.00	0.00%
11	18.835	18.835	1.769	1.769	0	0	0	0	20.604	20.604	0.00	0.00%
12	32.984	32.984	9.918	9.918	0	0	5.354	5.354	48.256	48.256	0.00	0.00%
13	15.145	15.145	4.892	4.892	0	0	0	0	20.037	20.037	0.00	0.00%
14	32.102	31.531	0.958	0.845	0	0	0	0	33.06	32.376	-0.68	-2.11%
15	42.287	40.705	47.041	52.224	0.896	1.001	10.077	11.723	100.301	105.653	5.35	5.07%
16	37.21	32.877	14.659	15.46	1.511	1.658	47.538	48.149	100.918	98.144	-2.77	-2.83%
17	19.158	20.172	19.484	19.648	0.361	0.584	2.942	2.952	41.945	43.356	1.41	3.25%
18	31.497	32.909	1.638	2.762	0.563	0.728	0	0	33.698	36.399	2.70	7.42%

Comment: Note that fish numbers were not supplied for transhipments 6 to 13

6 Species and weight transferred

The vessel contained 1141mt tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error!**
Reference source not found.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	0.12	0.01%	4.09	0.46%
Albacore	<i>Thunnus alalunga</i>	All	171.53	19.46%	180.03	20.37%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	2.17	0.25%	1.70	0.19%
Bigeye tuna	<i>Thunnus obesus</i>	All	533.14	60.49%	517.03	58.50%
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	All	1.11	0.13%	1.91	0.22%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.51	0.06%	0.73	0.08%
Opah	<i>Lampris guttatus</i>	All	5.55	0.63%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	0.23	0.03%	0.30	0.03%
Striped marlin	<i>Tetrapturus audax</i>	All	0.23	0.03%	0.22	0.03%
Swordfish	<i>Xiphias gladius</i>	All	9.23	1.05%	9.35	1.06%
Yellowfin tuna	<i>Thunnus albacares</i>	All	160.32	18.19%	168.53	19.07%

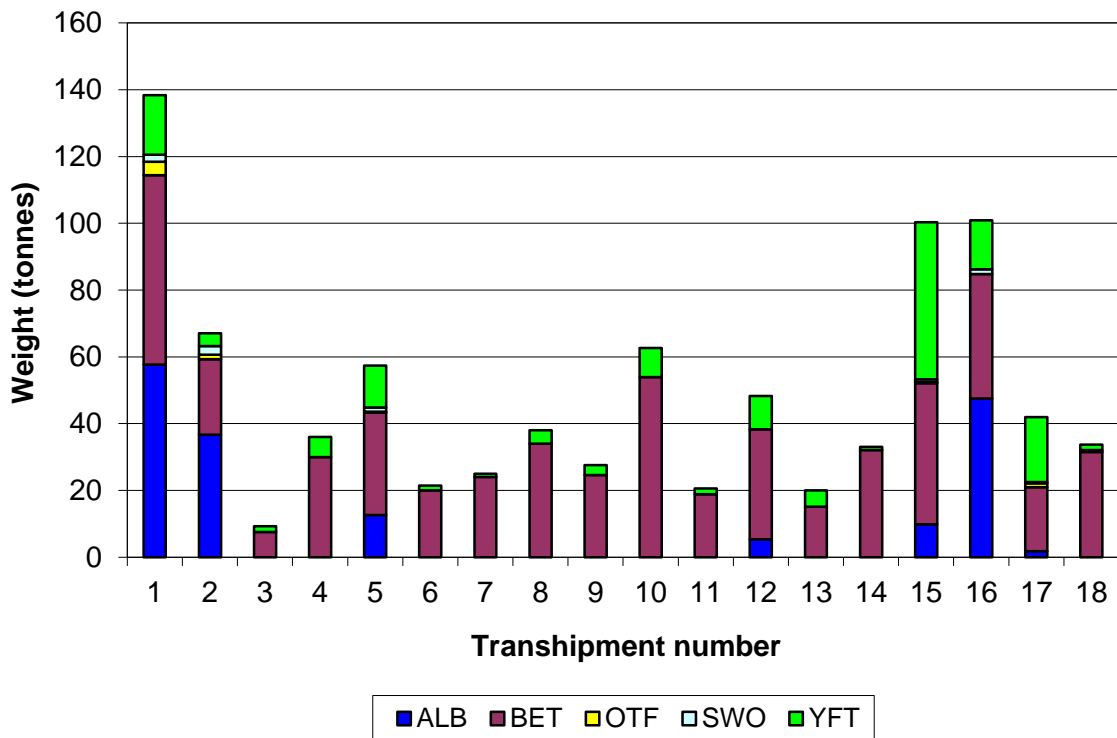


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		23.60
Albacore	<i>Thunnus alalunga</i>	11.14
Atlantic blue marlin	<i>Makaira nigricans</i>	103.43
Bigeye tuna	<i>Thunnus obesus</i>	33.17
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	21.35
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	16.48
Opah	<i>Lampris guttatus</i>	9.57
Shortfin mako	<i>Isurus oxyrinchus</i>	10.00
Striped marlin	<i>Tetrapturus audax</i>	46.60
Swordfish	<i>Xiphias gladius</i>	29.30
Yellowfin tuna	<i>Thunnus albacares</i>	26.99

Comments:

Bigeye tuna (*Thunnus obesus*) 517.08 tonnes (58.5%), albacore (*Thunnus alalunga*) 180.03 tonnes (20.37%), yellowfin tuna (*Thunnus albacares*) 168.53 tonnes (19.07%) and swordfish (*Xiphias gladius*) 9.35 tonnes (1.06%) formed the bulk of the fish transhipped. Other unclassified species included atlantic blue marlin (*Makaira nigricans*) and longbill spearfish (*Tetrapturus pfluegeri*).

Transshipment took place once the LSPLV was tied-up alongside the CV. The LSPLV approached the port side of the stationary CV and tied up with its starboard side against the CV. The observer recorded photographs of the LSPLV (side, bow, wheelhouse and stern) before the LSPLV tied-up.

Observations of transshipments were made from the CV crane deck where the LSPLV's working deck and the aerial travel of the string was clearly visible. In 10 transshipments the LSPLV winched bunches of fish from its hold onto its deck. In these cases a full count of tuna could be made while they lay on the LSPLV deck. One or more bunches then formed the string which was craned from the LSPLV deck into the CV cargo transporter or directly into the CV hold. The cargo transporter was a large bin with a capacity of approximately 1.5 tonnes which moved on a rail along the cargo deck to access the CV's three holds.

During 8 transshipments the products were craned directly out of the LSPLV hold by the CV's winch. In these cases time permitted a single count and estimate of species and numbers.

In 10 cases the LSPLV provided fish numbers which resulted in credible average weights. In eight instances where no fish numbers were supplied the observer counts were utilized. The observer used prior experience to estimate carcass weights; during the voyage there were no opportunities to weigh individual carcasses to confirm the estimates.

7 Southern bluefin tuna transhipments

The CV did not receive any southern bluefin tuna (*Thunnus maccoyii*)

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
NA									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
NA				

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	20/10/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	UB	17/10/13
2			Yes	24/10/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	UB	22/10/13
3			Yes	26/10/13	Yes	Yes	Yes	Yes	Yes	Yes	31/10/15	Yes	Yes	Yes	Yes	Yes	PB	16/10/13
4			Yes	26/10/13	Yes	Yes	No	Yes	Yes	Yes	14/08/15	Yes	Yes	Yes	Yes	Yes	PB	24/10/13
5			Yes	27/10/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	UB	25/10/13
6			Yes	31/10/13	Yes	Yes	Yes	Yes	Yes	Yes	14/05/16	Yes	Yes	Yes	Yes	Yes	PB	31/10/13
7			Yes	01/11/13	Yes	Yes	Yes	Yes	Yes	Yes	14/08/15	Yes	Yes	Yes	Yes	Yes	PB	31/10/13
8			Yes	01/11/13	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	UNK	Yes	PU	31/10/13

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
9			Yes	02/11/13	Yes	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Yes	Yes	Yes	Yes	PB	01/11/13
10			Yes	02/11/13	Yes	Yes	Yes	Yes	Yes	Yes	05/12/14	Yes	Yes	Yes	Yes	Yes	PB	01/11/13
11			Yes	02/11/13	Yes	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	29/10/13
12			Yes	03/11/13	Yes	Yes	Yes	Yes	Yes	Yes	06/07/14	Yes	Yes	Yes	Yes	Yes	PB	02/11/13
13			Yes	03/11/13	Yes	Yes	Yes	Yes	Yes	Yes	02/05/15	Yes	Yes	Yes	Yes	Yes	PU	03/11/13
14			Yes	05/11/13	Yes	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	02/11/13
15			Yes	08/11/13	Yes	Yes	Yes	Yes	No	Yes	31/07/13	Yes	Yes	Yes	Yes	Yes	PU	06/11/13
16			Yes	09/11/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	07/11/13
17			Yes	10/11/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	08/11/13
18			Yes	10/11/13	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	UB	09/11/13

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 Comments from inspections

No	Comments
1	The fishing logbook was kept in an unprinted notebook. Figure 3 Informal logbook of the LSPLV xxx
2	The fishing logbook was kept in an unprinted notebook. Figure 4 Informal logbook of the LSPLV xxx The VMS system was fitted with a power switch close to the unit.



Figure 5 VMS of the xxx fitted with a power switch

3	The fishing log was printed, bound and the pages were numbered with serial numbers.
4	<p>The LSPLV was marked with the correct National Registration Number (NRN) on the bow, but the incorrect NRN (9022000-00) was displayed amidships.</p> <p>Figure 6 The incorrect NRN on displayed amidships on the LSPLV xxx</p> <p>The fishing logbook was was printed and bound without page numbers.</p>
6	The ATF indicated the VMS was an ARGOS unit – serial no. 47136. However the VMS shown to the observer was an INMARSAT C TT3022D.
7	The logbook was printed and bound together in a folder. The logbook did not appear to have originated as a bound format and had no page numbers.
8	VMS shown to the observer was situated amongst masts.This unit was not a model known by the observer and no power light was visible.

	<p>Figure 7 The antennae shown to the observer as the VMS unit on the LSPLV xxxx</p> <p>The fishing logbooks were printed but not bound.</p>
9	<p>The NRN was displayed, but the rust marks on the LSPLV made the NRN effectively invisible.</p> <p>Figure 8 The NRN markings of the xxx was not clearly visisble.</p>
10	The fishing logbook was was printed and bound without page numbers.
11	The fishing logbook was was printed and bound without page numbers.
12	The fishing logbook was was printed and bound without page numbers.
13	The fishing logbook was printed and unbound (without page numbers).
14	<p>The LSTPV carried a national observer.</p> <p>The fishing logbook was was printed and bound without page numbers.</p>
15	The fishing logbooks were printed but not bound.
16	The logsheets were printed and kept in a folder.
17	The logsheets were printed and unbound.
18	<p>The fishing logbooks were unprinted and kept in a notebook.</p> <p>Figure 9 The fishing logbook of the xxx</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLV xxx was marked with the correct National Registration Number (NRN) on the bow, but the incorrect NRN was displayed amidships (Figure 6)

8.2 Issues with Fishing Licence, logbooks or VMS

All vessels provided in-date ATFs.

The xxx (Figure 3), xxx (Figure 4) and the xxx (Figure 9) all used unprinted notebooks to keep their fishing logs.

The VMS of the xxx was fitted with a power switch (Figure 5).

9 Other Observer Tasks.

9.1 CV waste disposal

The CV separated waste in the galley and had bins for the storage of the waste as well as an incinerator. However, the observer did not see the storage bins or the incinerator in use during the voyage.

9.2 Unidentified or IUU vessels

None seen

9.3 Marine mammals.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
20/10/13	10:50	29°06'S	08°34'E	Dusky Dolphin <i>Lagenorhynchus obscurus</i>	1	Bow-riding
22/10/13	09:20	24°06'S	07°51'E	Risso's Dolphin <i>Grampus griseus</i>	8+	Loafing
25/10/13	11:00	15°21'S	04°55'E	Sperm Whale <i>Physeter macrocephalus</i>	1	Hyperventilating
26/10/13	16:15	15°05'S	07°33'E	Striped Dolphin <i>Stenella coeruleoalba</i>	20&50	Moving at speed
31/10/13	16:00	02°48'S	00°09'E	Spinner Dolphin <i>Stenella longirostris</i>	20+	Jumping & spinning
02/11/13	14:00	01°29'S	01°09'E	Humpbacked Whale <i>Megaptera novaeangliae</i>	1	Breaching
07/11/13	15:30	15°00'S	07°56'E	Orca <i>Orcinus orca</i>	1 male	Cruising across bow
12/11/13	11:25	24°26'S	12°52'E	unid beaked whale	3	Loafing at 1km
12/11/2014	14:30	25°25'S	13°14'E	Sperm Whale <i>Physeter macrocephalus</i>	1	Hyperventilating
12/11/13	15:00	25°31'S	13°17'E	Long-finned Pilot Whale <i>Globicephala melas</i>	15+	Cruising

Date	Time	Lat	Lon	Species	No	Behaviour
12/11/13	15:30	25°36'S	13°20'E	Long-finned Pilot Whale <i>Globicephala melas</i>	50+	Cruising
12/11/13	16:00	25°42'S	13°23'E	Long-finned Pilot Whale <i>Globicephala melas</i>	40+	Cruising
12/11/13	16:00	25°42'S	13°23'E	S.Right Whale Dolphin <i>Lissodelphis peronii</i>	100+	Cruising; unobtrusive
12/11/13	17:10	25°54'S	13°29'E	Long-finned Pilot Whale <i>Globicephala melas</i>	30+	Cruising
12/11/13	17:10	25°54'S	13°29'E	S.Right Whale Dolphin <i>Globicephala melas</i>	100+	Some leaping high

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		24.10.2013	15°43'S	06°32'E	Fuel and bait	Yes
		25.10.2013	15°30'S	07°00'E	Fuel and bait	Yes
		25.10.2013	15°30'S	07°00'E	Fuel and bait	Yes

**ICCAT
Observer Report**



Trip Number:	143/13
Vessel Name:	FUTAGAMI
ICCAT Ref. No.	AT000JPN00572
Observer Name:	BRUCE BIFFARD
Cruise Dates:	19/10/2013 TO 08/12/2013

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line LTD. and MRAG, Bruce Biffard (ICCAT no. 045) joined the Vanuatu registered Carrier Vessel (CV) Futagami (ICCAT no. AT000JPN00572) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 19/10/2013 to 08/12/2013.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	FUTAGAMI	Call sign:	YJQJ8
Port of registration:	PORT VILA	Flag State:	VANUATU
Owner:	TOEI REEFER LTD	Charterer:	
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	1900T
Size (GRT):	2581GRT	Length (LOA):	88.94m
On-board acoustic equipment:	1 PAPER SOUNDER		
Position fixing equipment:	3 GPS		
Vessel monitoring system (present/absent):	PRESENT		
Radar:	2 FURANO'S		
Communications equipment:	HF,MF,VHF,INMARSAT,NAVTEX		
Plotters:	2 JRC'S		
Tuna products already on board (Quantity)	YES (APPROX. 131 T.)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	CAPE TOWN SA
Date of embarkation	19/10/2013
Method of embarkation	PORTSIDE
Date of departure	19/10/2013
Date of first transshipment	24/10/2013
Date of last transshipment	03/12/2013
Date of return	08/12/2013
Date of disembarkation	08/12/2013
Method of disembarkation	PORTSIDE
Port of return	CAPE TOWN SA

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 18 transshipments at sea, the locations are shown in detail in

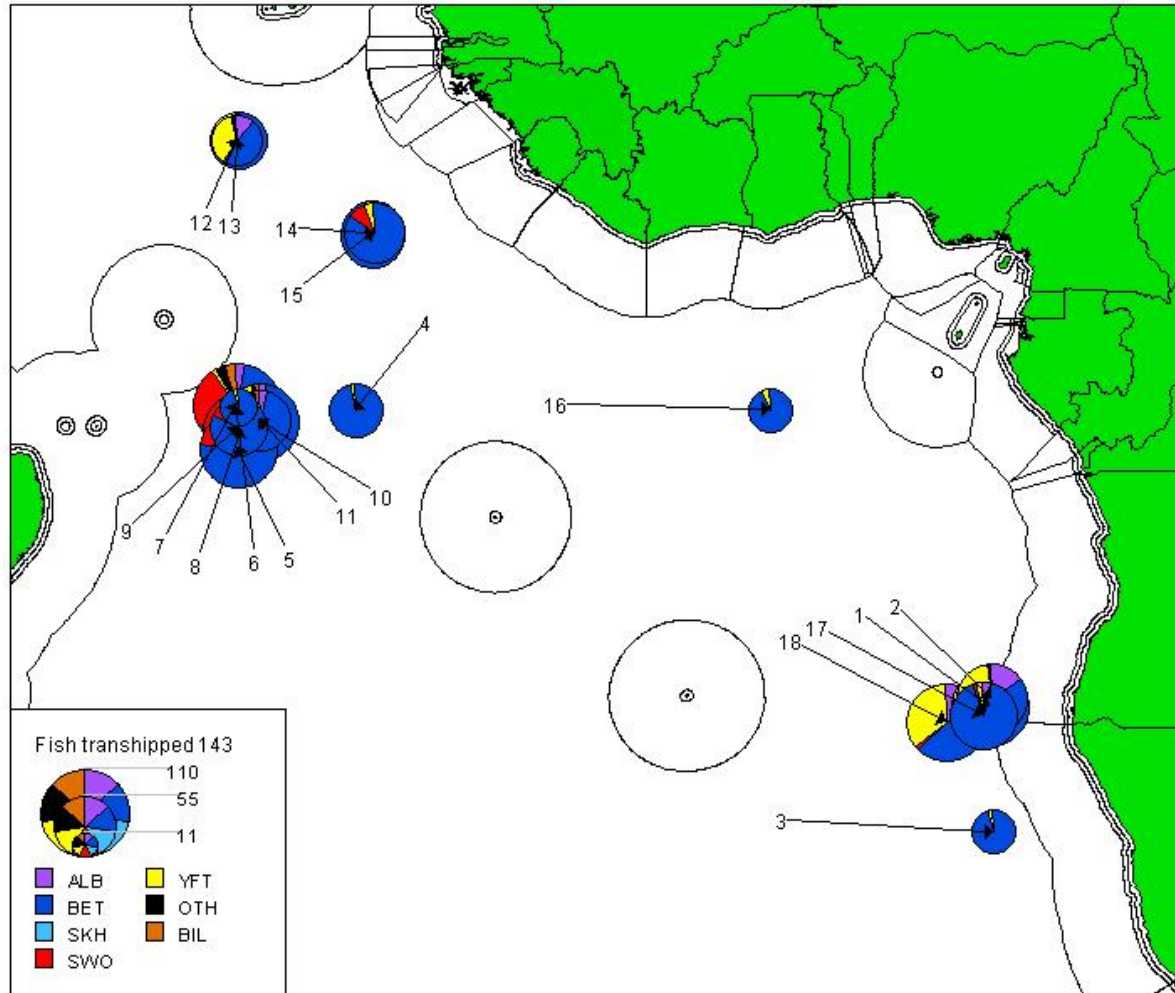


Figure 1, the numbers received by nationality of vessel are given in Table 1.

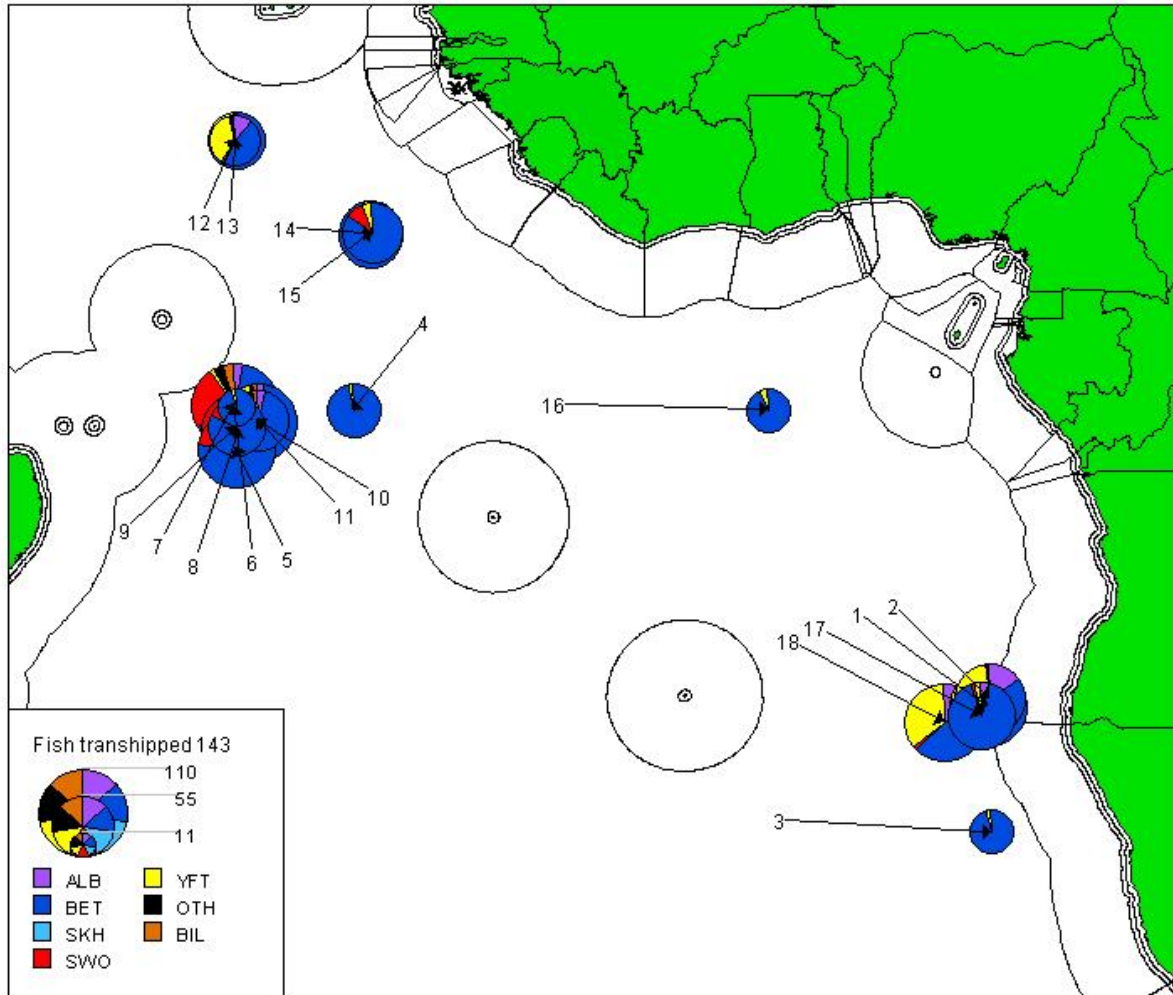


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	6
	5
	6
	1

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	24/10/2013	16°26 S	007°59 E	06:10	100.00%
2				Yes	25/10/2013	16°03 S	008°02 E	05:16	100.00%
3				Yes	30/10/2013	22°02 S	008°07 E	01:55	100.00%
4				Yes	05/11/2013	03°07 S	020°45 W	02:30	100.00%
5				Yes	07/11/2013	04°48 S	026°02 E	05:57	100.00%
6				Yes	08/11/2013	02°59 S	026°02 W	02:31	100.00%
7				Yes	08/11/2013	02°53 S	026°09 W	05:50	100.00%
8				Yes	09/11/2013	04°00 S	025°55 W	05:58	100.00%
9				Yes	09/11/2013	03°54 S	026°03 W	03:04	100.00%
10				Yes	10/11/2013	03°39 S	025°02 W	05:58	100.00%
11				Yes	10/11/2013	03°34 S	025°06 W	03:28	100.00%
12				Yes	13/11/2013	09°02 N	026°03 W	02:01	100.00%
13				Yes	13/11/2013	09°02 N	026°06 W	01:48	100.00%
14				Yes	23/11/2013	04°51 N	019°55 W	02:24	100.00%
15				Yes	23/11/2013	04°49 N	019°57 W	02:02	100.00%
16				Yes	28/11/2013	03°06 S	002°00 W	01:23	100.00%
17				Yes	02/12/2013	16°50 S	007°39 E	03:38	100.00%
18				Yes	03/12/2013	17°08 S	005°59 E	04:10	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	42.108	42.625	16.875	17.470	1.665	1.709	20.712	20.579	81.360	82.383	1.020	1.24%
2	42.032	40.340	11.836	14.263	2.791	2.768	11.183	11.890	67.842	69.261	1.420	2.05%
3	28.360	27.949	1.128	1.070	0.000	0.000	0.000	0.000	29.488	29.019	-0.470	-1.62%
4	41.844	41.755	1.209	1.259	0.000	0.000	0.000	0.000	43.053	43.014	-0.040	-0.09%
5	58.480	60.100	4.176	3.900	11.66	11.65	6.278	7.220	80.594	82.870	2.280	2.75%
6	20.748	20.798	1.127	1.029	0.000	0.000	0.000	0.000	21.875	21.827	-0.050	-0.22%
7	64.124	62.400	1.845	1.700	23.829	24.400	13.045	11.729	102.843	100.229	-2.610	-2.61%
8	56.932	57.200	3.696	3.500	12.985	12.950	7.839	7.864	81.452	81.514	0.060	0.08%
9	36.777	37.300	1.677	1.500	4.092	4.400	4.442	4.631	46.988	47.831	0.840	1.76%
10	59.899	59.500	3.471	3.300	17.199	17.400	5.419	5.350	85.988	85.55	-0.440	-0.51%
11	37.947	39.000	4.089	3.400	5.694	5.500	5.639	5.418	53.369	53.318	-0.050	-0.10%
12	32.368	32.453	13.300	13.453	1.593	1.604	0.837	0.845	48.098	48.355	0.260	0.53%
13	16.638	16.600	14.970	15.000	0.805	0.800	6.242	6.141	38.655	38.541	-0.110	-0.30%
14	41.533	43.473	2.691	2.535	5.252	5.284	0.000	0.000	49.476	51.292	1.820	3.54%
15	57.304	58.644	1.924	1.709	0.000	0.000	0.000	0.000	59.228	60.353	1.130	1.86%
16	26.620	27.029	1.848	1.678	0.000	0.000	0.000	0.000	28.468	28.707	0.240	0.83%
17	59.392	59.521	1.920	1.924	1.265	1.272	2.442	2.523	65.019	65.240	0.220	0.34%
18	42.720	43.387	32.571	31.589	1.250	1.212	10.483	10.506	87.024	86.694	-0.33	-0.38%

Comments:

6 Species and weight transferred

The vessel contained 131 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Obs. weight	Obs. %	Decl. weight	Decl. %
Other Fish		13.830	1.29%	8.90	0.83%
Albacore	<i>Thunnus alalunga</i>	66.340	6.20%	67.07	6.23%
Atlantic blue marlin	<i>Makaira nigricans</i>	13.430	1.25%	13.46	1.25%
Atlantic sailfish	<i>Istiophorus albicans</i>	0.380	0.04%	0.45	0.04%
Atl. Spanish mackerel	<i>Scomberomorus maculatus</i>	0.000	0.00%	1.82	0.17%
Bigeye tuna	<i>Thunnus obesus</i>	765.83	71.52%	770.07	71.57%
Opah	<i>Lampris guttatus</i>	0.000	0.00%	4.05	0.38%
Striped marlin	<i>Tetrapturus audax</i>	0.580	0.05%	0.50	0.05%
Swordfish	<i>Xiphias gladius</i>	90.080	8.41%	90.95	8.45%
Various sharks nei.	<i>Selachimorpha(Pleurotremata)</i>	0.000	0.00%	0.24	0.02%
Wahoo	<i>Acanthocybium solandri</i>	0.000	0.00%	0.22	0.02%
Yellowfin tuna	<i>Thunnus albacares</i>	120.35	11.24%	120.28	11.18%

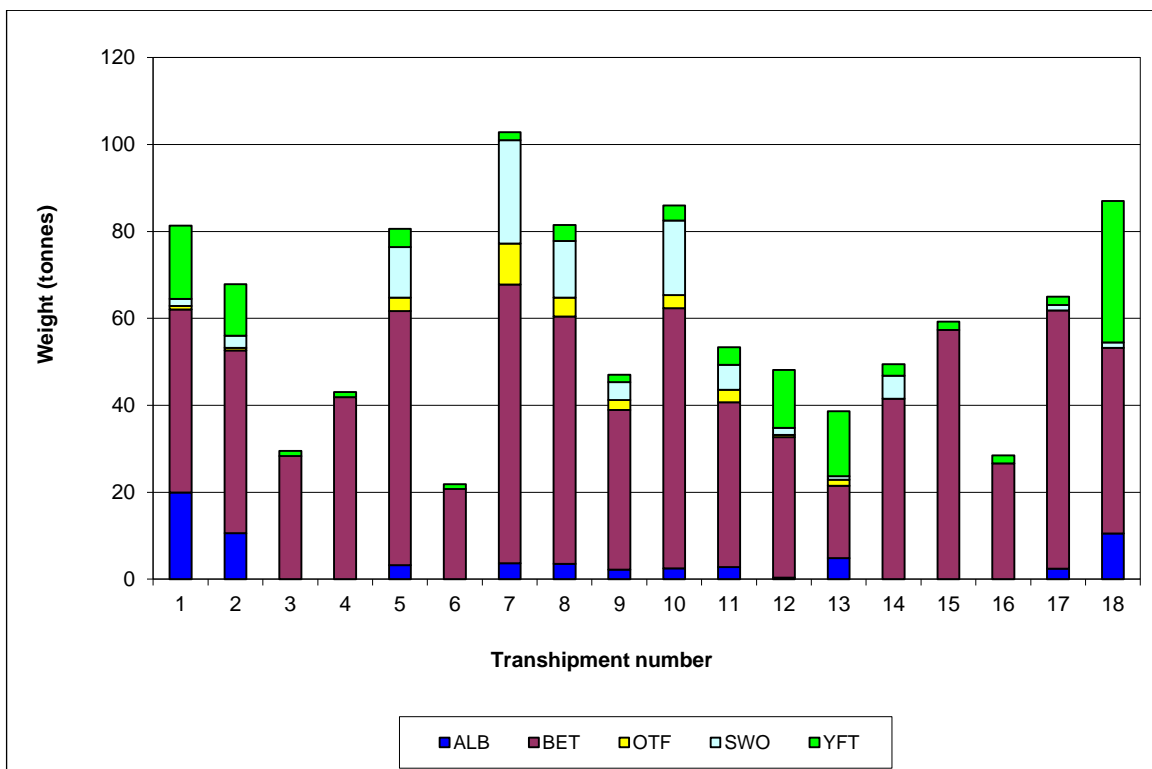


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		17.09
Albacore	<i>Thunnus alalunga</i>	12.03
Atlantic blue marlin	<i>Makaira nigricans</i>	75.47
Atlantic sailfish	<i>Istiophorus albicans</i>	20.11
Bigeye tuna	<i>Thunnus obesus</i>	36.35
Striped marlin	<i>Tetrapturus audax</i>	36.00
Swordfish	<i>Xiphias gladius</i>	48.51
Yellowfin tuna	<i>Thunnus albacares</i>	28.66

Comments:

The main species transferred were Big eye and Yellowfin tuna. The product type of these species was gilled and gutted while other species were head off or dressed.

7 Southern bluefin tuna transhipments

No southern Bluefin tuna was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	24/10/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	23/10/2013
2			Y	25/10/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	24/10/2013
3			Y	30/10/13	Y	Y	Y	Y	Y	08/12/14	Y	Y	Y	Y	Y	PB	30/10/2013
4			Y	05/11/13	Y	Y	Y	Y	Y	21/10/17	Y	Y	Y	Y	Y	PB	04/11/2013
5			Y	07/11/12	Y	No	Y	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	07/11/2013
6			Y	08/11/13	Y	Y	Y	Y	Y	25/04/14	Y	Y	Y	Y	Y	PB	07/11/2013
7			Y	08/11/13	Y	No	Y	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	07/11/2013
8			Y	09/11/13	Y	Y	Y	Y	Y	31/03/16	Y	Y	Y	Y	Y	PB	08/11/2013
9			Y	09/11/13	Y	No	Y	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	09/11/2013
10			Y	11/11/13	Y	Y	Y	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	10/11/2013
11			Y	10/11/13	Y	Y	Y	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	09/11/2013
12			Y	13/11/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	13/11/2013
13			Y	13/11/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	13/11/2013
14			Y	23/11/13	Y	Y	Y	Y	Y	08/09/15	Y	Y	Y	Y	Y	PU	23/11/2013
15			Y	23/11/13	Y	Y	Y	Y	Y	13/01/15	Y	Y	Y	Y	Y	PU	23/11/2013
16			Y	28/11/13	Y	Y	Y	Y	Y	05/10/16	Y	Y	Y	Y	Y	PU	28/11/2013
17			Y	02/12/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	30/11/2013
18			Y	03/12/13	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	02/12/2013

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

Table 7 Comments from inspections

No	Comments
5	Vessel's IRCS was not the same as in the RFMO database provided. A PNC report was completed
7	Vessel's IRCS was not the same as in the RFMO database provided. A PNC report was completed
9	Vessel's IRCS was not the same as in the RFMO database provided. And was also incorrectly painted on the side of the vessel.
14	Vessel's logbook was unbound and the pages were not numbered. A PNC report was completed.
15	Vessel's logbook was unbound and the pages were not numbered. No PNC sent on this occasion as one had previously been reported for this issue with this vessel.
16	Vessel's logbook was unbound. A PNC report was completed.
18	Vessel's logbook was unbound. A PNC report was completed.

The observer made 7 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
5			14305	IIM		
7			14307	IIM		
9			14309	IIM		
14			14314	LNB	LNN	
15			14315	LNB	LNN	
16			14316	LNB		
18			14318	LNB		

Comments.

15 – No PNC sent on this occasion as one had previously been reported for this issue with this vessel.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLV xxx call sign did not match the database records and was also not displayed on the top of the vessel for aerial recognition. The side display was quite small as well. See photo's 1 and 2

Photo 1

Photo 2

The LSPLV xxx call sign did not match the database records and was also not displayed on the top of the vessel for aerial recognition. The side display was quite small as well. See photo's 3 and 4

Photo 3

Photo 4

The LSPLV IRCS did not match the database records and the vessel's own ATF. The IRCS was not displayed on the top of the vessel for aerial recognition and the side display was quite small as well. See photo's 5 and 6.

Photo 5

Photo 6

The LSPLV Chin xxx logbook was unbound the pages were not numbered. See Photo number 7.

Photo 7

The LSPLV Sun Warm No.6's logbook was unbound the pages were not numbered. See Photo number 8.

Photo 8

x

The LSPLV xxx logbook was unbound. See Photo number 9.

Photo 9

The LSPLV xxx logbook was unbound. See Photo number 10

Photo 10

9 Other Observer Tasks.

9.1 CV waste disposal

There were no waste disposal issues.

9.2 Unidentified or IUU vessels

There were no unidentified vessels

9.3 Marine mammals.

No Marine mammals were observed.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	<input type="checkbox"/>
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Table 9 Non ROP Transhipments

Vessel	RFMO No.	Date	Lat	Lon	Comments	Photo
		23/10/2013	16° 46.222S	008° 00.491E	Bait	Yes
		26/10/2013	14° 42.511S	006° 49.969E	Supplies	Yes
		26/10/2013	14° 40.849S	006° 49.332E	Bunkering; Supplies	Yes
		27/10/2013	12° 02.826S	008° 58.938E	Bait	Yes
		27/10/2013	11° 58.456S	008° 57.284E	Bunkering; Bait	Yes
		31/10/2013	02° 44.399S	001° 03.499W	Bait	Yes
		04/11/2013	05° 24.376S	019° 20.241W	Bait	Yes
		06/11/2013	06° 07.471S	025° 55.199W	Bait	Yes
		02/12/2013	16° 48.031S	007° 35.077E	Bunkering	Yes

ICCAT

Observer Report



Trip Number:	144
Vessel Name:	HARU
ICCAT Ref. No.	AT000JPN00588
Observer Name:	Edmund Fred Higgins
Cruise Dates:	From: 03/12/2013 to 09/02/2014

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Consortium of Marine Resources Assessment Group Ltd. and Capricorn Fisheries Monitoring, Edmund Fred Higgins (ICCAT No.110) joined the Vanuatu registered Carrier Vessel (CV) Haru (ICCAT Ref: AT000JPN00588) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 03/12/2013 to 09/02/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Haru	Call sign:	YJSU3
Port of registration:	Vanuatu	Flag State:	Japan
Owner:	MRS Corporation	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5735.53m ³ 2700mt
Size (GRT):	4521	Length (LOA):	120.75m
On-board acoustic equipment:		Furuno Navigational ECHO Sounder FE-700	
Position fixing equipment:		Furuno GPS Navigator GP-80	
Vessel monitoring system (present/absent):		JRC-JUE-95VM Inmarsat-C	
Radar:		TOKIMEC Marine Radar-501C25	
Communications equipment:		HF, MF, VHF, Inmarsat, Navtex, E-mail, Satellite Phone and Fax	
Plotters:		TOKIMEC Radar with plotting capability.	
Tuna products already on board (Quantity)		93.431	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	03/12/2013
Method of embarkation*	Portside
Date of departure	03/12/2013
Date of first transshipment	07/12/2013
Date of last transshipment	03/02/2014
Date of return	09/02/2014
Date of disembarkation	09/02/2014
Method of disembarkation*	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of fifty-two transhipments at sea; the locations are shown in detail in Figure 1. The numbers received by nationality of LSPLV are given in Table 1.

In addition, the CV conducted two transhipments in the Table Bay harbour, Cape Town on 03/12/2013 and three transhipments in Port Grande, Cape Verde on 28/12/2013 (See Appendix 1. – In port transhipments).

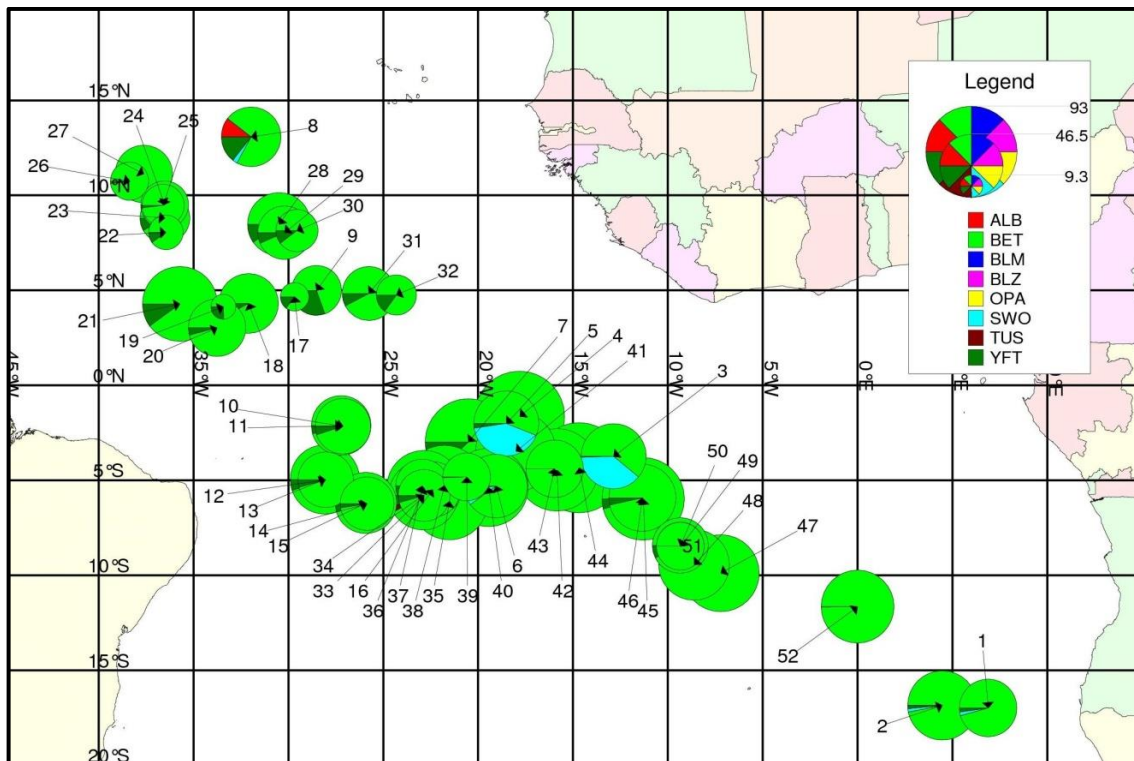


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	7
	11
	23
	6
	4

Comments: Transhipments made in Cape Town and Port Grande were not included in table 1. Two xxx registered LSPLVs conducted transhipments with the CV in Cape Town. Two xxx registered LSPLVs one xxx, registered LSPLV conducted transhipments with the CV Port Grande.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	07/12/13	16°59.22 S	006°53.18 E	01:47	100.00%
2				Yes	09/12/13	16°51.16 S	004°28.14 E	02:35	100.00%
3				Yes	14/12/13	03°44.67 S	012°51.27 W	01:55	100.00%
4				Yes	15/12/13	01°38.45 S	017°48.52 W	03:50	100.00%
5				Yes	16/12/13	02°00.73 S	018°30.53 W	05:25	100.00%
6				Yes	17/12/13	05°18.22 S	019°03.64 W	02:58	100.00%
7				Yes	18/12/13	02°59.01 S	020°30.93 W	04:01	100.00%
8				Yes	30/12/13	13°04.43 N	031°57.67 W	02:35	100.00%
9				Yes	01/01/14	04°59.25 N	028°31.24 W	01:18	100.00%
10				Yes	03/01/14	02°09.25 S	027°07.11 W	01:36	100.00%
11				Yes	03/01/14	02°07.25 S	027°13.13 W	01:36	100.00%
12				Yes	04/01/14	04°58.85 S	028°02.13 W	01:44	100.00%
13				Yes	04/01/14	04°57.5 S	028°04.91 W	02:46	100.00%
14				Yes	05/01/14	06°14.11 S	025°51.17 W	01:27	100.00%
15				Yes	05/01/14	06°11.85 S	025°55.09 W	02:25	100.00%
16				Yes	06/01/14	05°29.15 S	022°23.2 W	02:32	100.00%
17				Yes	08/01/14	04°39.13 N	029°40.24 W	00:28	100.00%
18				Yes	09/01/14	04°18.31 N	032°06.12 W	01:52	100.00%
19				Yes	09/01/14	04°07.92 N	033°25.82 W	00:25	100.00%
20				Yes	10/01/14	03°01.51 N	033°45.54 W	02:58	100.00%
21				Yes	11/01/14	04°17.02 N	035°43.29 W	03:30	100.00%
22				Yes	12/01/14	08°02.62 N	036°27.61 W	01:15	100.00%
23				Yes	12/01/14	08°48.25 N	036°30.76 W	01:46	100.00%
24				Yes	13/01/14	09°29.77 N	036°31.47 W	02:16	100.00%
25				Yes	13/01/14	09°28.26 N	036°36.02 W	01:15	100.00%
26				Yes	14/01/14	10°44.12 N	038°21.86 W	01:20	100.00%
27				Yes	14/01/14	11°06.78 N	037°37.61 W	01:55	100.00%
28				Yes	16/01/14	08°28.58 N	030°29.15 W	02:35	100.00%
29				Yes	16/01/14	08°01.9 N	030°12.18 W	01:49	100.00%
30				Yes	17/01/14	08°08.14 N	029°33.3 W	01:05	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
31				Yes	18/01/14	04°49.84 N	025°45.27 W	01:31	100.00%
32				Yes	18/01/14	04°44.83 N	024°18.57 W	01:05	100.00%
33				Yes	20/01/14	05°48.35 S	022°50.87 W	01:27	100.00%
34				Yes	20/01/14	05°47.42 S	022°53.3 W	03:17	100.00%
35				Yes	21/01/14	06°06.66 S	021°30.68 W	05:00	100.00%
36				Yes	22/01/14	05°23.97 S	022°50.85 W	04:08	100.00%
37				Yes	22/01/14	05°17.83 S	022°56.27 W	01:35	100.00%
38				Yes	23/01/14	05°17 S	021°46.63 W	03:00	100.00%
39				Yes	23/01/14	04°49.86 S	020°35.87 W	01:41	100.00%
40				Yes	24/01/14	05°22.81 S	019°26.52 W	04:17	100.00%
41				Yes	25/01/14	03°29.14 S	018°00.73 W	02:49	100.00%
42				Yes	26/01/14	04°27.36 S	015°50.7 W	03:13	100.00%
43				Yes	26/01/14	04°23.54 S	015°58.34 W	03:40	100.00%
44				Yes	27/01/14	04°20.34 S	014°40.55 W	04:00	100.00%
45				Yes	28/01/14	05°59.11 S	011°17.59 W	03:35	100.00%
46				Yes	28/01/14	05°55.27 S	011°20.69 W	02:48	100.00%
47				Yes	30/01/14	09°53.67 S	007°12.89 W	03:16	100.00%
48				Yes	31/01/14	09°27.07 S	008°36.8 W	02:39	100.00%
49				Yes	01/02/14	08°28.63 S	009°20.32 W	01:37	100.00%
50				Yes	01/02/14	08°27.46 S	009°20.68 W	01:03	100.00%
51				Yes	01/02/14	08°26.03 S	009°20.8 W	01:53	100.00%
52				Yes	03/02/14	11°39.49 S	000°00.05 E	02:33	100.00%

Comments:

All transshipments at sea were observed a 100%. All fifty-two vessels were inspected. Two vessels that transhipped in Cape Town and three in Port Grande were not observed or inspected, vessels were photographed and copies of transshipment declarations were retained.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	41.811	41.569	0.27	1.036	0.816	0.848	0.027	0.028	42.924	43.481	0.56	1.28%
2	58.004	55.525	0.12	0.942	0.701	0.862	0.066	0.118	58.891	57.447	-1.44	-2.51%
3	34.169	31.67	0	0.347	19.656	19.874	0	0	53.825	51.891	-1.93	-3.73%
4	56.551	54.797	2.236	5.32	28.768	29.147	2.424	2.939	89.979	92.203	2.22	2.41%
5	30.855	29.863	1.003	1.29	22.88	22.139	0	0	54.738	53.292	-1.45	-2.71%
6	44.988	44.981	0.19	0.984	3.64	4.076	0	0	48.818	50.041	1.22	2.44%
7	85.683	76.924	2.146	10.559	0	0	0	0	87.829	87.483	-0.35	-0.40%
8	42.36	32.257	1.59	6.494	1.14	1.138	3.247	4.699	48.337	44.588	-3.75	-8.41%
9	28.623	22.68	5.289	9.955	0	0	0	0	33.912	32.635	-1.28	-3.91%
10	37.515	38.6	1.35	2.1	0	0	0	0	38.865	40.7	1.84	4.51%
11	44.075	43.3	1.302	2.1	0	0	0	0	45.377	45.4	0.02	0.05%
12	40.4	38.4	1.14	1.8	0	0	0	0	41.54	40.2	-1.34	-3.33%
13	57.532	54.8	2.024	3.1	0	0	0	0	59.556	57.9	-1.66	-2.86%
14	35.772	35.7	0.532	1	0	0	0	0	36.304	36.7	0.40	1.08%
15	45.879	44.2	1.364	2.3	0	0	0	0	47.243	46.5	-0.74	-1.60%
16	42.13	39.9	0.424	0.9	0	0	0	0	42.554	40.8	-1.75	-4.30%
17	11.744	10.28	0.646	1.8	0	0	0	0	12.39	12.08	-0.31	-2.57%
18	44.208	40.761	0.92	3.534	0	0	0	0	45.128	44.295	-0.83	-1.88%
19	8.917	7.368	0.4	2.502	0	0	0	0	9.317	9.87	0.55	5.60%
20	42.253	41.24	1.56	1.869	0	0	0	0	43.813	43.109	-0.70	-1.63%
21	63.456	61.064	5.883	6.849	0	0	0	0	69.339	67.913	-1.43	-2.10%
22	14.88	15.495	0.88	1.746	0	0	0	0	15.76	17.241	1.48	8.59%
23	32.508	30.546	1.56	2.797	0	0	0	0	34.068	33.343	-0.73	-2.17%
24	32.76	30.346	0.27	0.953	0	0	0	0	33.03	31.299	-1.73	-5.53%
25	22.256	23.5	0	0.5	0	0	0	0	22.256	24	1.74	7.27%
26	20.384	20.775	0.064	0.512	0	0	0	0	20.448	21.287	0.84	3.94%
27	37.52	38.41	1.326	2.178	0	0	1.295	1.45	40.141	42.038	1.90	4.51%
28	44.608	45.46	1.44	4.889	0	0	0	0	46.048	50.349	4.30	8.54%
29	34.891	34.559	1.209	2.485	0	0	0	0	36.1	37.044	0.94	2.55%
30	22.764	21.832	0.798	2.557	0	0	0	0	23.562	24.389	0.83	3.39%
31	34.98	33.649	1.64	2.869	0	0	0	0	36.62	36.518	-0.10	-0.28%
32	22.2	18.762	0.645	3.347	0	0	0	0	22.845	22.109	-0.74	-3.33%
33	35.948	34.264	0.874	1.615	0	0	0	0	36.822	35.879	-0.94	-2.63%
34	55.24	54.041	1.189	3.343	0	0	1.485	1.5	57.914	58.884	0.97	1.65%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
35	72.009	70	0.406	1	0	0	0	0	72.415	71	-1.42	-1.99%
36	60.093	54.179	3.784	11.42	0	0	0	0	63.877	65.599	1.72	2.63%
37	38.06	35.3	0.09	2.3	0	0	0	0	38.15	37.6	-0.55	-1.46%
38	65.162	64.214	0.795	3.268	7.28	7.5	0	0	73.237	74.982	1.74	2.33%
39	32.64	30.568	0	0.213	0	0	0	0	32.64	30.781	-1.86	-6.04%
40	71.307	70.932	0.392	2.006	0	0	0	0	71.699	72.938	1.24	1.70%
41	77.436	73	1.575	2.618	0	0	0	0	79.011	75.618	-3.39	-4.49%
42	72.64	78.47	0.645	0.69	0	0	0	0	73.285	79.16	5.88	7.42%
43	42.9	42.055	0	0	0	0	0	0	42.9	42.055	-0.84	-2.01%
44	91.84	89.753	0.48	2.177	0	0	0	0	92.32	91.93	-0.39	-0.42%
45	80.215	77	1.04	3.282	0	0	0	0	81.255	80.282	-0.97	-1.21%
46	55.872	52.723	0.88	1.975	0	0	0	0	56.752	54.698	-2.05	-3.76%
47	69.62	69.601	0	0	0	0	0	0	69.62	69.601	-0.02	-0.03%
48	58.76	60	0	0	0	0	0	0	58.76	60	1.24	2.07%
49	26.13	30	0	0	0	0	0	0	26.13	30	3.87	12.90%
50	26.264	30	0	0	0	0	0	0	26.264	30	3.74	12.45%
51	34.914	37	1.163	3	0	0	0	0	36.077	40	3.92	9.81%
52	52.44	64.844	0	0	0	0	0.156	0.156	52.596	65	12.40	19.08%

Comments:

The observer estimations for transshipments 49, 50 and 52 were respectively 12.9%, 12.45% and 19.81% less than the amounts declared by the CV. During these transshipments very large strings were transhipped making an accurate count of the fish in strings very difficult.

6 Species and weight transferred

The vessel contained 93.431 ton tuna products when the observer boarded. The fish on board when the observer boarded was received from transshipments conducted within Table Bay Harbour, Cape Town. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Observed		Declared	
		Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	3.28	0.13%	4.77	0.19%
Bigeye tuna	<i>Thunnus obesus</i>	2336.17	94.08%	2277.16	90.94%
Black marlin	<i>Makaira indica</i>	0.16	0.01%	0.16	0.01%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	2.42	0.10%	2.94	0.12%
Opah	<i>Lampris guttatus</i>	0.13	0.01%	0.15	0.01%
Swordfish	<i>Xiphias gladius</i>	84.88	3.42%	85.58	3.42%
True tunas nei	<i>Thunnus spp</i>	2.78	0.11%	2.95	0.12%
Yellowfin tuna	<i>Thunnus albacares</i>	53.53	2.16%	130.52	5.21%

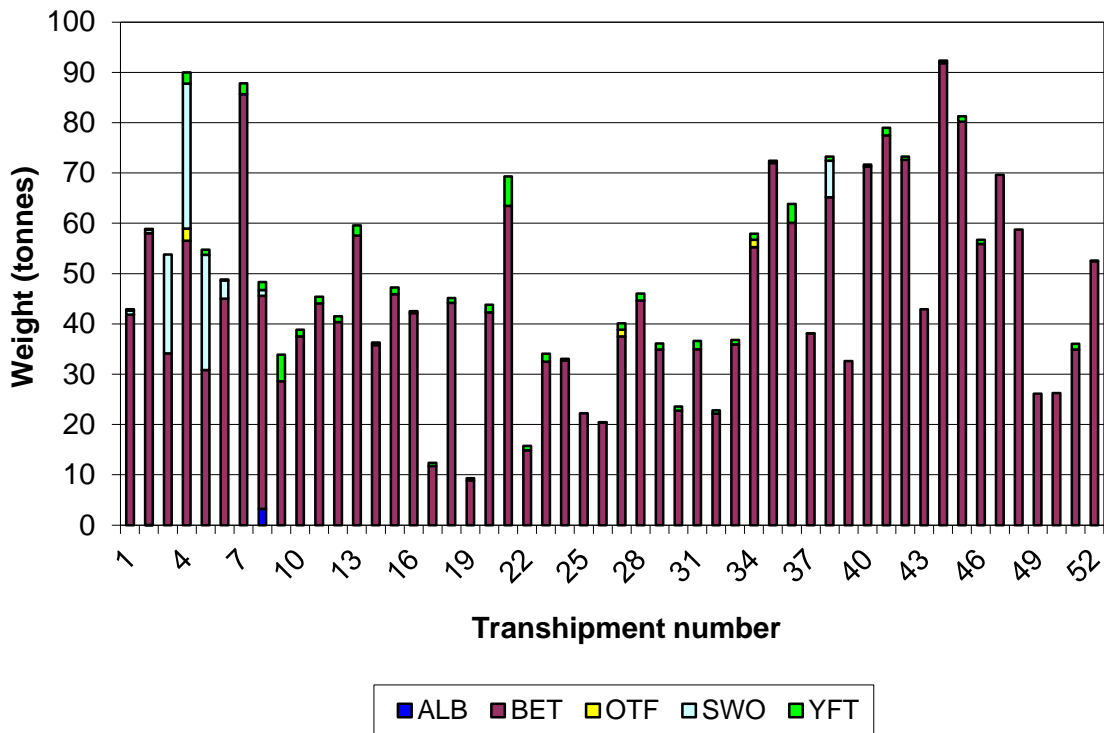


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	16.89

Common Name	Scientific name	Average weight (kg)
Bigeye tuna	<i>Thunnus obesus</i>	43.19
Black marlin	<i>Makaira indica</i>	156.00
Indo-Pacific blue marlin	<i>Makaira mazara</i>	101.00
Opah	<i>Lampris guttatus</i>	9.00
Swordfish	<i>Xiphias gladius</i>	55.55
True tunas nei	<i>Thunnus spp</i>	40.88
Yellowfin tuna	<i>Thunnus albacares</i>	40.43

Comments: The main species transferred to the carrier vessel were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacores*), swordfish (*Xiphias gladius*), albacore (*Thunnus alalunga*), and billfish species (Istiophoridae spp.). The main product types for tuna was gilled and gutted for bigeye and yellowfin tuna, finned for albacore and dressed for swordfish and billfish.

The observer estimated the total number of fish by species with the aid of a hand held tally counter. In the case of three of the xxx LSPLV's this proved a difficult task, as the strings consisted of large amounts of fish of different species. In the case of most of the other LSPLVs however, this task was significantly easier as the fish were first brought to the deck of the LSPLV before being transferred to the CV. This allowed the observer ample opportunity to achieve accurate counts and identify different species.

The observer used the tallied numbers collected during the transshipments by the observer and the reported numbers and weights from the LSPLV to get weight estimations. The observer used the formula bellow:

$$\frac{\text{LSTLV reported weight}}{\text{LSTLV reported number}} \times \text{Observed number} = \text{Observer estimated weight}$$

7 Southern bluefin tuna transshipments

No southern bluefin tuna (*Thunnus maccoyii*) were transhipped during trip number 144-13.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	07/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	06/12/13
2			Yes	09/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	08/12/13
3			Yes	14/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	10/12/13
4			Yes	15/12/12	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	15/12/13
5			Yes	16/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	15/12/13
6			Yes	17/12/13	Yes	Yes	Yes	Yes	Yes	05/12/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	16/12/13
7			Yes	18/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	15/12/13
8			Yes	30/12/13	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	29/12/13
9			Yes	01/01/14	No	Yes	Unk	Yes	Yes	05/07/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	31/12/13
10			Yes	03/01/14	Yes	No	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	31/12/13
11			Yes	03/01/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	01/01/14
12			Yes	04/01/14	No	No	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	03/01/14
13			Yes	04/01/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	02/01/14
14			Yes	05/01/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	03/01/14
15			Yes	05/01/14	Yes	No	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	03/01/14
16			Yes	06/01/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	04/01/14
17			Yes	08/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	06/01/14
18			Yes	09/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	08/01/14
19			Yes	09/01/14	Yes	Yes	Yes	Faxed	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	08/01/14
20			Yes	10/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	09/01/14
21			Yes	11/01/14	Yes	Yes	Yes	Yes	Yes	07/08/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	09/01/14
22			Yes	12/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	10/01/14
23			Yes	12/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	10/01/14
24			Yes	13/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	12/01/14
25			Yes	13/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	11/01/14
26			Yes	14/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	13/01/14
27			Yes	14/01/14	Yes	Yes	Unk	Faxed	Yes	27/03/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	13/01/14
28			Yes	16/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	15/01/14
29			Yes	16/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	UB	15/01/14
30			Yes	17/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	16/01/14

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
31			Yes	18/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	15/01/14
32			Yes	18/01/14	Yes	Yes	Unk	Yes	Yes	20/01/15	Yes	Yes	Yes	Yes	Yes	PU	16/01/14
33			Yes	20/01/14	No	Yes	Unk	Yes	Yes	19/10/15	Yes	Yes	Yes	Yes	Yes	UB	19/01/14
34			Yes	20/01/14	No	Yes	Unk	Yes	Yes	30/09/17	Yes	Yes	No	NA	Yes	UB	19/01/14
35			Yes	21/01/14	Yes	Yes	No	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PB	19/01/14
36			Yes	24/01/14	Yes	Yes	Yes	Yes	Yes	06/08/14	Yes	Yes	Yes	Yes	Yes	PB	21/01/14
37			Yes	22/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/01/14
38			Yes	23/01/14	Yes	Yes	Yes	Yes	Yes	13/11/15	Yes	Yes	Yes	Yes	Yes	PB	22/01/14
39			Yes	23/01/14	Yes	Yes	Yes	Yes	Yes	16/09/14	Yes	Yes	Yes	Yes	Yes	PB	22/01/14
40			Yes	24/01/14	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Yes	Yes	Yes	Yes	PB	20/01/14
41			Yes	25/01/14	Yes	Yes	Yes	Yes	Yes	01/03/15	Yes	Yes	Yes	Yes	Yes	PB	24/01/14
42			Yes	26/01/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	25/01/14
43			Yes	26/01/14	Yes	Yes	Yes	Yes	Yes	14/08/14	Yes	Yes	Yes	Yes	Yes	PU	25/01/14
44			Yes	27/01/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	26/01/14
45			Yes	28/01/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	26/01/14
46			Yes	28/01/14	Yes	Yes	Yes	Yes	Yes	05/12/15	Yes	Yes	Yes	Yes	Yes	PB	27/01/14
47			Yes	30/01/14	No	Yes	Unk	Yes	Yes	27/09/17	Yes	Yes	Yes	Yes	Yes	PU	29/01/14
48			Yes	31/01/14	Yes	Yes	Yes	Yes	Yes	14/05/16	Yes	Yes	Yes	Yes	Yes	PB	30/01/14
49			Yes	01/02/14	Yes	Yes	Unk	Yes	Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	PB	31/01/14
50			Yes	01/02/14	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Yes	Yes	Yes	Yes	PB	31/01/14
51			Yes	01/02/14	Yes	Yes	Yes	Yes	Yes	02/12/14	Yes	Yes	Yes	Yes	Yes	PU	30/01/14
52			Yes	03/02/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	UB	02/02/14

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 9 PNC reports issued during the voyage.

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			1	LNB	LNN	
2			2	LNB	LNN	
3			3	LNB	LNN	
4			4	LNB	LNN	
7			7	LNB	LNN	
8			8	LNN		
10			10	IIM		
12			12	IIM		
15			15	IIM		
16			16	LNN		
17			17	LNB	LNN	
18			18	LNB	LNN	
19			19	LNB	LNN	
20			20	LNB	LNN	
22			22	LNB	LNN	
23			23	LNB	LNN	
24			24	LNB	LNN	
25			25	LNN		
26			26	LNB	LNN	
27			27	LNB	LNN	
28			28	LNB	LNN	
30			30	LNB	LNN	
31			31	LNB	LNN	
32			32	LNB	LNN	
33			33	LNN		

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
34			34	LNN	VNP	
35			35	LNN		
37			37	LNB	LNN	
42			42	LNB	LNN	
43			43	LNB	LNN	
44			44	LNB	LNN	
45			45	LNB	LNN	
47			47	LNB	LNN	
51			51	LNB	LNN	
52			52	LNN		

Table 7 Comments from inspections

No	Comments
1	Two logbooks were shown to the observer, both were printed and unbound and sheets were not numbered.
2	The fishing logbook shown to the observer was printed and unbound and pages were not numbered. An ICCAT logbook for tuna fishery - no longer in use was also shown to the observer, the pages of this logbook were printed and bound but were not numbered.
3	Two logbooks were shown to observer. One was printed and unbound and the second unprinted and bound. The sheets were not numbered in either logbook.
4	The logbook shown to observer was printed, unbound and the sheets were not numbered.
5	Two fishing logbooks were shown to the observer. One was unprinted and bound with numbered pages and the second one was printed with the sheets not numbered.
6	No comment.
7	Two fishing logbooks were shown to the observer. One logbook was printed and unbound without numbered pages and the other was unprinted and bound without numbered pages.
8	Two fishing logbooks were shown to the observer. The one logbook was printed and unbound and the second was unprinted and bound with un-numbered sheets.
9	The ICCAT vessel list recorded the LSPLV name as "No. 1 Ever Rich". However, the name displayed on bow and the stern of the LSPLV was "EVERRICH No.1". The National Registration Number (NRN) was not displayed on the vessel.
10	The ICCAT database indicated the LSPLV call sign as "QMC002". The markings on the vessel read "BZZU3".

No	Comments
	The NRN was not displayed on the vessel.
11	The NRN was not displayed on the vessel.
12	The name and call sign in the ICCAT database did not match the markings on the LSPLV. The database indicated the name as "xxx" and the Call sign as xxx but the markings on the vessel displayed the name as "xxx " and the IRCS as xxx. The LSPLV ATF indicated the IRCS as "xxx" Two fishing logbooks were shown to the observer. One was printed and bound and the second was unprinted, bound with numbered pages. No registration number was visible on the vessel.
13	The NRN was not displayed by the LSPLV.
14	The VMS shown to observer was an unknown combination of xxx combined with an ARGOS antennae. The LSPLV did not display the NRN.
15	The IRCS displayed by the LSPLV did not match the call sign in the ICCAT database. The NRN was not displayed by the LSPLV.
16	The fishing logbook shown to the observer printed and bound and pages were not numbered. The NRN was not displayed by the LSPLV.
17	Two fishing logbooks were shown to the observer. One was printed and unbound and pages not numbered. The second logbook was unprinted and bound with pages numbered by hand.
18	The fishing logbook shown to the observer was printed and unbound and the pages were not numbered.
19	The fishing logbook shown to the observer was printed and unbound and the pages were not numbered.
20	Two fishing logbooks were shown to the observer. One logbook was printed, unbound and sheets were not numbered. The second was unprinted and bound and sheets also not numbered.
21	No comment.
22	The fishing logbook shown to the observer was printed and unbound and sheets were not numbered.
23	The fishing logbook shown to the observer was printed, unbound and the sheets were not numbered.
24	The fishing logbook shown to the observer was printed, unbound and the sheets were not numbered.
25	Two logbooks were shown to the observer; one was printed and unbound with the pages not numbered. The second logbook was printed, bound and the pages were not numbered.
26	The logbook shown to the observer was printed and unbound and sheets were not numbered.
27	The NRN given in the ICCAT list) was not visible on the LSPLV. The fishing logbook shown to the observer was printed, unbound and sheets were not numbered.
28	The fishing logbook shown to observer was printed and unbound. The sheets were not numbered.
29	This was the vessel's second transshipment for the trip. A PNC was issued during the first transshipment (7) for a non-compliant fishing logbook. The fishing logbook shown to the observer was unprinted and bound and sheets were not numbered.
30	The logbook shown to the observer was printed, unbound and sheets were not numbered. The previous name of the LSPLV was covered with white paint but the raised lettering was still visible.
31	The fishing logbook shown to the observer was printed, unbound and the sheets were numbered by hand.

No	Comments
32	The logbook shown to the observer was printed and unbound and sheets were not numbered. The NRN was not displayed on the LSPLV. The NRN given in the ATF was the same as the NRN on the ICCAT vessel list.
33	The LSPLV's name in the ICCAT vessel list was "xxx". The LSPLV displayed the name markings as "xxx". The LSPLV did not display the NRN. The NRN on the ICCAT vessel list was the same as the NRN shown on the ATF. The fishing logbook shown to the observer was unprinted and bound. The sheets were not numbered. No registration number was visible on the vessel.
34	The ICCAT database indicated the LSPLV's name as "xxx". The LSPLV displayed the name "xxxx". The LSPLV did not display the NRN. The NRN on the ICCAT vessel list was the same as the NRN on the LSPLV's ATF. The fishing logbook shown to the observer was unprinted and bound. The sheets were not numbered. No VMS was shown to the observer. The Captain informed the observer that the unit was broken and he was waiting for a replacement.
35	The LSPLV displayed the NRN xxx. The ICCAT vessel list provides the NRN as xxx for the LSPLV xxx. The fishing logbook shown to the observer was printed and bound. The sheets were not numbered.
36	Three VMS devices were shown to the observer. Trimble-Galaxy, Thrane & Thrane-Sailor and an Unknown device, 441600342. All three VMS antennae were covered in plastic for protection against the elements (according to the Captain).
37	The fishing logbook shown to the observer was printed and unbound. The sheets were not numbered.
38	Two VMS units were shown to the observer. One Argos Model 101 and a Trimble Galaxy TNL 7001.
39	Three VMS devices were shown to the observer. One ARGOS Model 101, one Trimble Galaxy TNL 7001 and one Mini M unit.
40	The bow markings on the LSPLV were only partially visible. The NRN was only legible from a very close range. A second VMS unit (Thrane & Thrane TT3020C) was shown to the observer.
41	Two VMS devices were shown to the observer; an Argos Model 101 and a Sailor TT3022D.
42	Two VMS devices were shown to the observer, an ARGOS and an AMEC CYPHO-101E. The fishing logbook shown to the observer was printed and unbound. The sheets were not numbered.
43	The fishing logbook shown to the observer was printed, unbound and sheets were not numbered.
44	The fishing logbook shown to the observer was printed and unbound. The sheets were not numbered.
45	The fishing logbook shown to the observer was printed and unbound. The sheets were not numbered.
46	No comment.
47	The name of the LSPLV in the ICCAT database was indicated as "xxx". The LSPLV displayed the name "xxx". The previous name of the vessel was visible in raised lettering was covered with white paint. The LSPLV did not display the NRN. The NRN was shown in the ATF concurred with the NRN in the ICCAT vessel list. The fishing logbook shown to the observer was printed and unbound. The sheets were not numbered. A Furuno, Inmarsat Mini C was shown to the observer as a second VMS system.
48	No comment.
49	No comment.
50	No comment.
51	The logbook shown to the observer was printed and unbound. The sheets were not numbered.
52	The fishing logbook shown to the observer was unprinted and bound. The sheets were not numbered.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLVs xxxx, did not display the same name as the name provides in the ICCAT observer database.

The International Radio Call Signs the three LSPLVs did not match the ICCAT.

The LSTLVs listed below did not display the vessels National Registration Number (NRN):
[.....]

8.2 Issues with Fishing Licence, logbooks or VMS

The compliance to logbook completion was the dominant issue. Of the LSPLVS that transhipped, 20 produced printed and bound logbooks, 28 produced unbound logbooks and 4 produced unprinted and bound logbooks.

All the LSPLVs produced in-date ATFs. Two of the LSPLVs did not have the ATF on bard during the on-board inspection, and copies were faxed to the CV.

The LSPLV xxx did not have a VMS onboard, the observer was informed that it was broken and they were waiting for a new unit.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had four bins aft that was used to separate cans, plastic, other and glass bottles for recycling or disposal at sea. Food waste was placed into a slop bucket in the galley and then discarded overboard. On a number of occasions plastic was mixed in with the food waste. Used oil was incinerated in the engine room.



Figure 3 Waste bins on board the CV.

9.2 Unidentified or IUU vessels

No IUU vessels were observed during the trip

9.3 Marine mammals.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
24/01/2014	10:00	05°22'81S	19°26'52W	<i>Globicephala</i> <i>spp.</i> Unidentified pilot whales	15	Surfacing 50m from CV

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 2 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		07/12/2013	16°59'22-S	06°53'18-E	Parcels, provisions and bait	Yes
		07/12/2013	16°59'22-S	06°53'18-E	Parcels, provisions and bait	Yes
		08/12/2013	15°25'30-S	08°03'44-E	Parcels, provisions and bait	Yes
		13/12/2013	03°53'73-S	09°40'65-W	Parcels, provisions and bait	Yes
		14/12/2013	03°44'67-S	12°51'27-W	Parcels, provisions and bait	Yes
		19/12/2013	03°49'01-S	20°30'93-W	Parcels, provisions and bait	Yes
		19/12/2013	03°49'01-S	20°30'93-W	Parcels, provisions and bait	Yes
		19/12/2013	03°49'01-S	20°30'93-W	Parcels, provisions and bait	Yes
		20/12/2013	05°24'02-S	21°24'63-W	Parcels, provisions and bait	Yes
		20/12/2013	05°24'02-S	21°24'63-W	Parcels, provisions and bait	Yes
		20/12/2013	05°24'02-S	21°24'63-W	Parcels, provisions and bait	Yes
		21/12/2013	07°01'58-S	23°28'54-W	Parcels, provisions and bait	Yes
		21/12/2013	07°01'58-S	23°28'54-W	Parcels, provisions and bait	Yes
		21/12/2013	07°01'58-S	23°28'54-W	Parcels, provisions and bait	Yes
		22/12/2013	06°00'37-S	26°33'09-W	Parcels, provisions and bait	Yes
		23/12/2013	06°42'38-S	29°40'44-W	Parcels, provisions and bait	Yes
		23/12/2013	06°42'38-S	29°40'44-W	Parcels, provisions and bait	Yes
		24/12/2013	03°15'66-S	28°06'41-W	Parcels, provisions and bait	Yes
		30/01/2014	09°53'67-S	07°12'89-W	Parcels, provisions and bait	Yes

ICCAT

Observer Report



Trip Number:	145
Vessel Name:	Shin Fuji
ICCAT Ref. No.	AT000JPN00576
Observer Name:	John McDonagh
Cruise Dates:	From: 23/12/2013 To: 14/02/2014

1 Cruise Summary

In accordance with the bilateral agreement between Sea Road Line Inc. and MRAG Ltd., John McDonagh (ROP No.113) joined the Vanuatu registered Carrier Vessel (CV) Shin Fuji (RFMO No. AT000JPN00576) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 22/12/2013 to 14/02/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition, when weather conditions permitted, the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Shin Fuji	Call sign:	YJQA4
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Sea Road Line Inc.	Charterer:	N/A
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2,224 mt
Size (GRT):	3822 mt	Length (LOA):	99.5 m
On-board acoustic equipment:		JRC – JFE-570S	
Position fixing equipment:		JRC, GPS Navigation, JLR-7700 MK11	
Vessel monitoring system (present/absent):		Voyage Data Recorder: JYC-1850	
Radar:		JRC - 5322	
Communications equipment:		GMDSS Comms. Console: NCU-247A	
Plotters:		As 'Radar' above	
Tuna products already on board (Quantity)		454.5 mt	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	23/12/2013
Method of embarkation*	Portside
Date of departure	23/12/2013
Date of first transshipment	04/01/2014
Date of last transshipment	08/02/2014
Date of return	14/02/2014
Date of disembarkation	14/02/2014
Method of disembarkation*	Portside
Port of return	Cape Town, RSA

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 28 transshipments at sea, the locations are shown in detail in

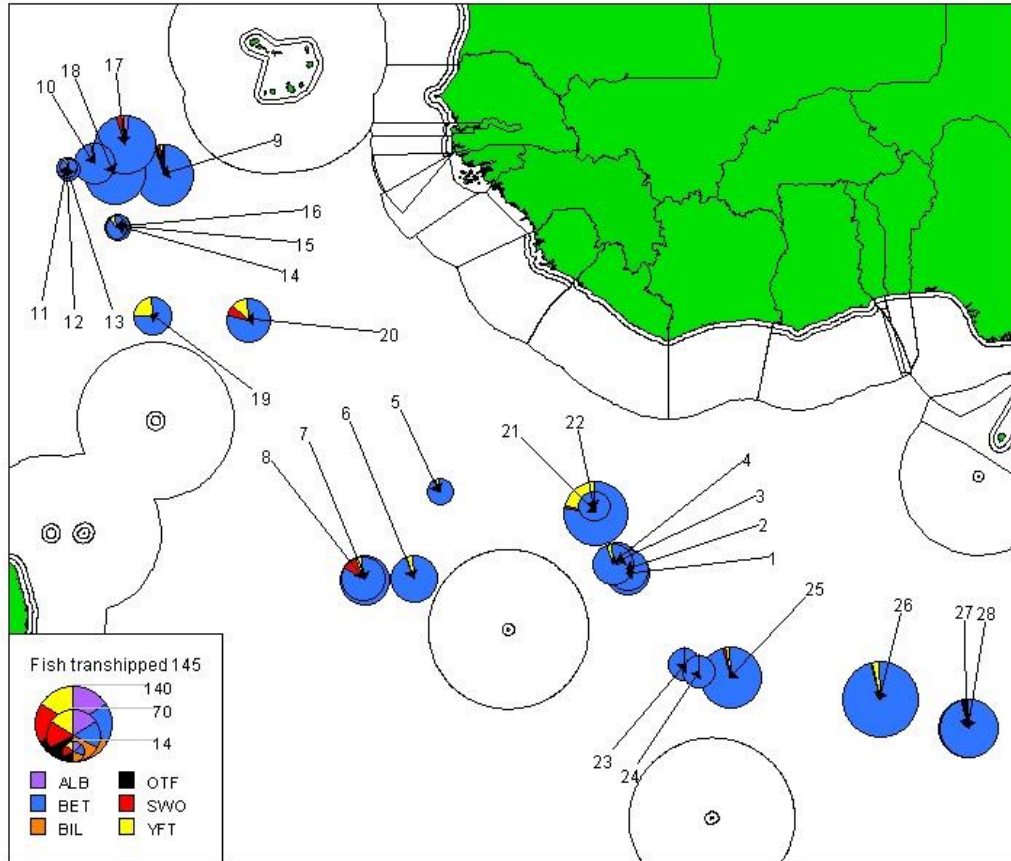


Figure 1, the numbers received by nationality of vessel are given in Table 1.

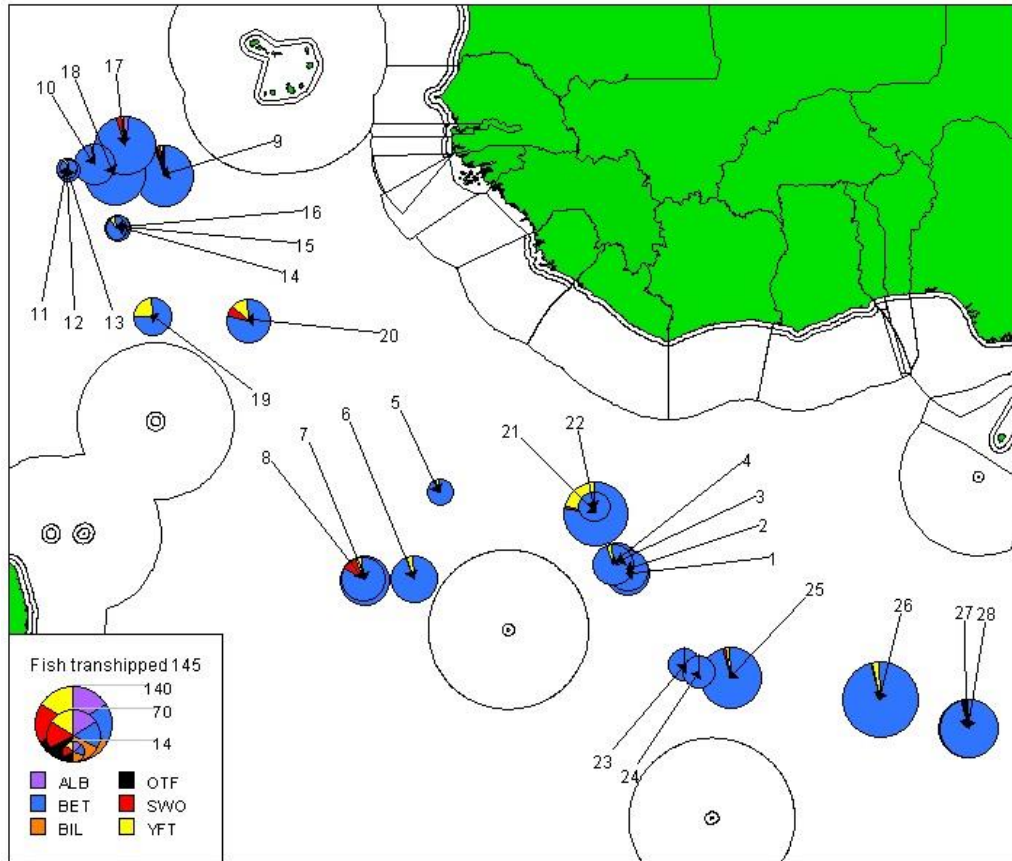


Figure 1 Location of transhipments.

Comments:

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	7
	9
	10
	1
	1

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Vessel Name	ICCAT refrence number	Flag	Date	Latitude	Longitude	Transhipment time	Observer coverage
1				04/01/2014	05°31 S	009°21 W	01:55	93.04%
2				04/01/2014	05°23 S	009°22 W	01:12	81.94%
3				05/01/2014	05°04 S	009°45 W	02:00	94.17%
4				05/01/2014	05°06 S	009°58 W	01:30	100.00%
5				07/01/2014	02°04 S	017°20 W	00:36	86.11%
6				08/01/2014	05°43 S	018°27 W	01:50	98.18%
7				09/01/2014	05°49 S	020°30 W	03:10	96.84%
8				09/01/2014	05°43 S	020°36 W	03:47	100.00%
9				14/01/2014	11°27 N	029°02 W	04:58	89.93%
10				15/01/2014	11°58 N	032°02 W	02:10	82.31%
11				22/01/2014	11°47 N	033°09 W	00:13	61.54%
12				22/01/2014	11°45 N	033°10 W	00:22	77.27%
13				22/01/2014	11°42 N	033°09 W	00:41	82.93%
14				23/01/2014	09°14 N	031°00 W	00:52	80.77%
15				23/01/2014	09°13 N	031°03 W	01:01	83.61%
16				23/01/2014	09°12 N	031°04 W	00:28	75.00%
17				24/01/2014	12°43 N	030°43 W	04:26	96.99%
18				25/01/2014	11°30 N	031°10 W	06:21	94.49%
19				27/01/2014	05°27 N	029°32 W	01:24	97.62%
20				28/01/2014	05°16 N	025°28 W	02:02	91.80%
21				31/01/2014	02°58 S	010°40 W	04:18	96.12%
22				01/02/2014	02°44 S	010°43 W	01:23	100.00%

No	Vessel Name	ICCAT refrence number	Flag	Date	Lattitude	Longitude	Transhipment time	Observer coverage
23				03/02/2014	09°28 S	006°50 W	02:11	96.18%
24				03/02/2014	09°43 S	006°17 W	02:03	96.75%
25				04/02/2014	09°59 S	004°57 W	03:23	100.00%
26				06/02/2014	10°54 S	001°25 E	06:00	97.22%
27				07/02/2014	12°06 S	005°08 E	03:47	97.80%
28				08/02/2014	12°06 S	005°10 E	04:13	94.07%

Comments: Observer coverage below 100% was due to LSTLV inspection duties coinciding with the start of transhipments, particularly when a transhipment operation was of a short duration.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
01	54.35	49.64	2.85	1.52	0	0	0.27	0	57.47	51.16	-6.31	-12.34
02	38.44	41.22	0.52	1.17	0	0	0	0	38.96	42.39	3.43	8.09
03	43.18	41.98	0.72	1.61	0	0	0	0	43.90	43.59	-0.32	-0.73
04	40.87	40.12	2.42	1.88	0	0	0	0	43.29	41.99	-1.30	-3.09
05	14.47	16.72	0.49	0.99	0	0	0	0	14.96	17.71	2.75	15.51
06	49.11	50.89	1.86	2.92	0	0	0	0	50.97	53.80	2.83	5.27
07	52.84	55.00	1.88	3.39	5.50	5.24	0	0	60.23	63.63	3.40	5.35
08	38.24	37.00	1.00	2.63	4.97	5.20	0	0	44.21	44.83	0.62	1.38
09	82.93	83.68	0.49	1.61	3.80	1.57	1.67	1.82	88.89	88.68	-0.21	-0.24*
10	59.34	39.93	0.42	1.17	1.18	0	0	0	60.94	41.10	-19.85	-48.29**
11	6.47	6.60	0.53	0.70	0.00	0.00	0.00	0.00	6.99	7.30	0.31	4.21
12	9.47	9.70	0.22	0.60	0.00	0.00	0.00	0.00	9.69	10.30	0.61	5.89
13	11.77	12.10	0.74	1.00	0.00	0.00	0.00	0.00	12.51	13.10	0.59	4.54
14	16.88	15.60	0.56	1.40	0.00	0.00	0.00	0.00	17.43	17.00	-0.43	-2.54
15	18.92	17.50	0.31	1.00	0.00	0.00	0.00	0.00	19.24	18.50	-0.74	-3.97
16	12.52	11.80	0.75	1.40	0.00	0.00	0.00	0.00	13.26	13.20	-0.06	-0.47
17	69.11	79.21	0.33	1.60	2.21	2.07	1.78	2.65	73.43	85.52	12.09	14.14
18	92.31	68.64	8.97	14.04	3.61	3.56	1.79	3.16	106.68	89.40	-17.28	-19.32
19	30.07	27.14	7.70	9.36	0.00	0.00	0.00	0.00	37.77	36.50	-1.27	-3.49
20	39.31	36.91	4.52	6.44	5.14	3.98	0.00	0.00	48.97	47.33	-1.64	-3.47***
21	79.37	77.08	11.70	21.62	1.07	1.16	0.05	0.07	92.19	99.93	7.73	7.74
22	29.08	30.00	0.00	0.00	0.00	0.00	0.00	0.00	29.08	30.00	0.92	3.08
23	34.65	35	0.00	0.00	0.00	0.00	0.00	0.00	34.65	35.00	0.35	0.99
24	46.74	32	0.00	0.00	0.00	0.00	0.00	0.00	46.74	32	-14.74	-46.06****
25	83.41	87.10	0.58	1.948	1.25	1.354	0.00	0.00	85.24	90.403	5.16	5.71
26	134.83	125.82	2.15	4.22	0.77	0.92	0.00	0.00	137.75	130.97	-6.79	-5.18

27	85.32	80.53	0.28	0.95	0.72	0.7	1.11	0.76	87.43	82.94	-4.49	-5.42*****
28	84.56	80.36	0.32	0.85	0.45	0.42	1.91	1.82	87.24	83.46	-3.78	-4.53

Comments: The difference in observer and reported numbers for transhipments 1, 5, 10, 18 and 24 was due to large mixed strings (40 to 60 fish) during transhipment operations particularly when the fish were craned directly from the LSTLV's hold into the CV's hold as opposed to the other transhipments where the fish were taken out by the LSTLV's hold, via block and tackle, and laid on its deck before being craned over to the CV's hold, thereby making fish counts easier.

* The observer recorded 69 SWO (FL) but the TD stated 30 SWO (FL).

** The observer recorded 21 SWO (HO) being transhipped, however, there was no record of this species on the TD. Furthermore, the observer, even though missing 23 minutes of the transhipment time due to prolonged inspection duties, recorded 1162 BET compared to the 950 recorded on the LSTLV pre-transhipment form.

*** 70 SWO were declared for transhipment though the observer counted 83.

**** This vessel declared 450 BET (32 mt) but the observer recorded 636 BET (45.22 mt); the observer asked the boson about the discrepancy and was informed that because there was extra space in that particular hold the CV Captain had decided with the LSTLV captain to take on board an extra 10 to 15 tons.

*****The vessel transhipped approx. 330 kg of tuna roe; this was not taken into account in the TD figures.

6 Species and weight transferred

The vessel contained 454.5 mt of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4; a breakdown by transshipment is shown in **Error! Reference source not found..**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Yellowfin tuna	<i>Thunnus albacares</i>	49.38	3.62	86.01	6.09
Bigeye tuna	<i>Thunnus obesus</i>	1278.11	93.65	1289.25	91.32
Albacore	<i>Thunnus alalunga</i>	3.72	0.27	6.4	0.45
Swordfish	<i>Xiphias gladius</i>	29.12	2.13	26.18	1.85
Atlantic blue marlin	<i>Makaira nigricans</i>	1.12	0.08	1.12	0.08
Opah	<i>Lampris guttatus</i>	1.31	0.10	0.00	0.00
Other	N/A	2.63	0.2	2.78	0.2

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

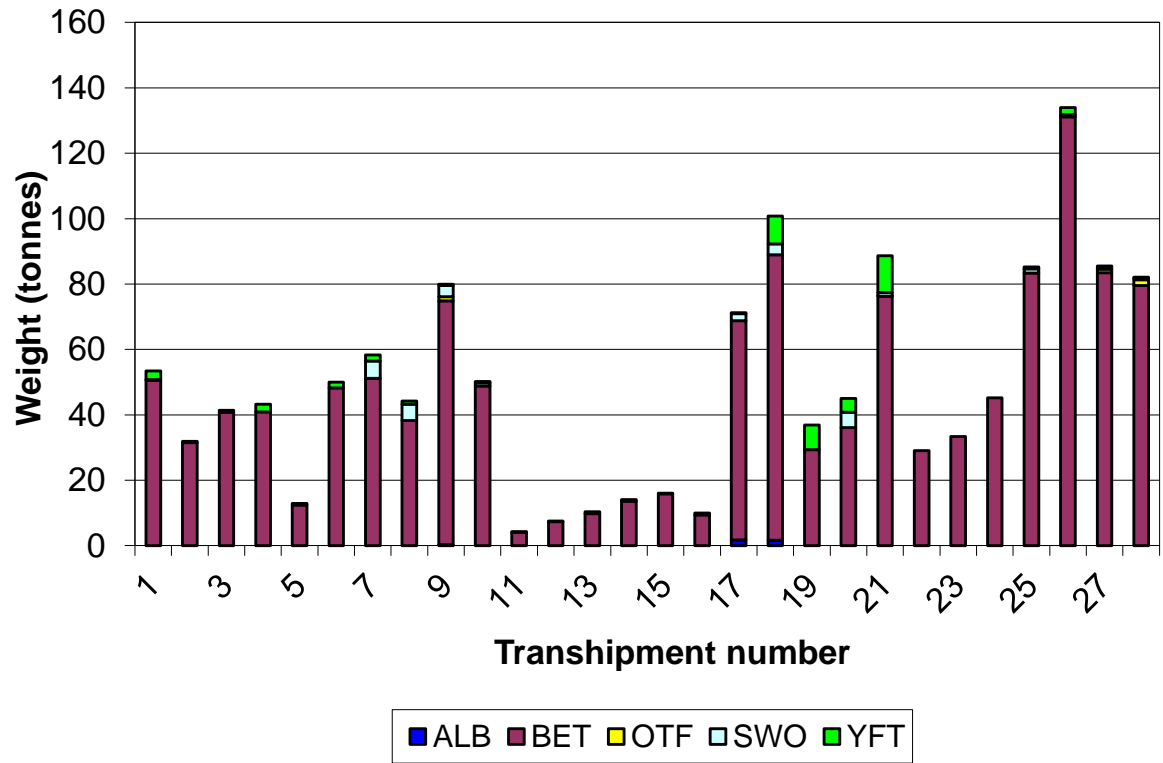


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Yellowfin tuna	<i>Thunnus albacares</i>	39.86
Bigeye tuna	<i>Thunnus obesus</i>	42.42
Albacore	<i>Thunnus alalunga</i>	16.82
Swordfish	<i>Xiphias gladius</i>	45.48
Atlantic blue marlin	<i>Makaira nigricans</i>	158.14
Opah	<i>Lampris guttatus</i>	16.00
Other	N/A	11.96

Comments:

- *T. albacares* and *T. obesus* were transferred 'gilled and gutted'; *T. alalunga* as 'rounded weight'; *X. Gladius* as two product types: 'head off' and 'filleted'; and *M. nigricans* and OTF as 'head off'. The aforementioned species were usually transferred in mixed strings averaging 35 fish with *T.obesus* being the more prevalent in number at any one time.
- With the assistance of the CV's bosun and crew, the use of multiple photographs, and a fish counter device the observer was able to estimate the number of species transferred (fish numbers were also double checked manually), and their identification. The observer's observation point was on the CV's main deck directly below the crane deck and opposite the LSTLV's hold.

7 Southern bluefin tuna transshipments

Comments: No southern bluefin tuna was transhipped during this deployment

8 LSTLV Inspections

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
01			Y	04/01/14	Y	Y	Y	Y	Y	05/12/14	Y	Y	Y	Y	Y	PB	03/01/14
02			Y	04/01/14	Y	Y	Y	Y	Y	06/07/14	Y	Y	Y	Y	Y	PB	03/01/14
03			Y	05/01/14	Y	Y	Y	Y	Y	18/10/15	Y	Y	Y	Y	Y	PB	04/01/14
04			Y	05/01/14	Y	Y	Y	Y	Y	04/03/16	Y	Y	Y	Y	Y	PB	05/01/14
05			Y	07/01/14	Y	Y	Unk	Y	Y	30/06/14	Y	Y	Y	Y	Y	PB	06/01/14
06			Y	08/01/14	Y	Y	Y	Y	Y	08/12/14	N	Y	Y	Y	Y	PB	07/01/14
07			Y	09/01/14	Y	Y	Y	Y	Y	15/04/14	Y	Y	Y	Y	Y	PB	08/01/14
08			Y	09/01/14	Y	Y	Y	Y	Y	01/08/14	Y	Y	Y	Y	Y	PB	08/01/14
09			Y	14/01/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	N	Y	PU	13/01/14
10			Y	15/01/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	15/01/14
11			Y	22/01/14	Y	Y	N	Y	Y	30/06/14	Y	N	U	U	Y	PB	19/01/14
12			Y	22/01/14	N	N	Unk.	Y	Y	30/06/14	Y	N	Y	Y	Y	PB	21/01/14
13			Y	22/01/14	Y	Y	N	Y	Y	30/06/14	Y	N	Y	Y	Y	PB	17/01/14
14			Y	23/01/14	Y	Y	N	Y	Y	30/06/14	Y	N	Y	Y	Y	PB	22/01/14
15			Y	23/01/14	Y	Y	Unk	Y	Y	30/06/14	Y	N	Y	Y	Y	PB	22/01/14
16			Y	23/01/14	Y	Y	Unk	Y	Y	30/06/14	Y	N	Y	Y	Y	PB	22/01/14
17			Y	24/01/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	23/01/14
18			Y	25/01/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	24/01/14
19			Y	27/01/14	N	Y	Unk	Y	Y	05/07/14	Y	Y	Y	Y	Y	PU	26/01/14
20			Y	28/01/14	Y	Y	Y	Y	Y	21/07/15	Y	Y	Y	Y	Y	PU	27/01/14
21			Y	31/01/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	27/01/14
22			Y	01/02/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	28/01/14

23			Y	03/02/14	Y	Y	Y	Y	Y	22/08/17	Y	Y	Y	Y	Y	PU	02/02/14
24			Y	03/02/14	Y	Y	Y	Y	Y	28/11/15	Y	Y	Y	Y	Y	PB	03/02/14
25			Y	04/02/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	28/01/14
26			Y	06/02/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	31/01/14
27			Y	07/02/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	06/02/14
28			Y	08/02/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	07/02/14

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments:

Table 7 Comments from inspections

No	Comments
01	Stb. bow: the start of the vessel's English name was unclear.
03	Stb. bow: the vessel's English name was not clear, and the national registration number and Taiwanese vessel name on the stern was not readable.
04	Stb. bow: the vessel's English name was not clear, and national registration number was unreadable.
05	There was no vessel national registration number on the Stb.side and the recorded number in the vessel's ATF was different to the recorded national registration number in the IOTC record list (ICCAT did not provide one). The VMS unit did not display 'make' or 'model'.
06	The vessel's fishing licence did not state Atlantic Ocean but 'Unlimited Waters' (Indian Ocean).
09	The Argos VMS power light was not illuminated on the actual unit, however, there was an illuminated green light on the power supply unit below it.
11	The vessel did not have a 'Letter of Authorization to Tranship at Sea'. There was no national registration number visible on the Stb. side; however, in the ATF it states xxx but the Captain states xxx. Observer did not recognise VMS unit as it was dark.
12	There was no 'Letter of Authorization to Tranship at Sea'. The vessel's national registration number was not displayed on the Stb. side. The vessel's name and call sign are different to that of the ICCAT record list,
13	There was no 'Letter of Authorization to Tranship at Sea.' The bow and stern vessel names were not clear. There was no national registration number displayed on the Stb. side. The vessel's national registration number in the ATF was xxx but the Captain stated it as xxx
14	The LSPLV did not have a 'Letter of Authorization to Tranship at Sea'. The vessel had two different names: on the stern xxx was displayed, and on the bow xxx was displayed as stated in the ICCAT record and the LSPLV's ATF. There was no national

	registration number displayed on the Stb. side. The stated national registration number on the vessel's ATF was different to that stated by the Captain.
15	The vessel did not have a 'Letter of Authorization to Tranship at Sea'. There was no national registration number displayed on the Stb. side. The vessel's call sign of BZTX differed to that of ICCAT's record of. The LSPLV's log book was a 2011 edition.
16	The vessel did not have a 'Letter of Authorization to Tranship at Sea'. There was no national registration number displayed on the Stb. side. The vessel's call sign differed to that recorded by ICCAT. The LSPLV's log book was a 2011 edition.
19	The vessel's log book was unbound. There was no national registration number displayed on the Stb. side. The vessel's name differed to that in the ICCAT record, i.e. N ^o 1 EVER RICH.
24	No name was displayed on the stern.

The observer made 17 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
06			14506	AIA		
09			14509	VNL	LNB	
11			14511	DNP		
12			14512	DNP		
13			14513	DNP		
14			14514	DNP	IIM	
15			14515	DNP	IIM	
16			14516	DNP	IIM	
17			14517	LNB		
18			14518	LNB		
19			14519	LNB	IIM	
21			14521	LNB		
22			14522	LNB		
25			14525	LNB	LND	
26			14526	LNB	LND	
27			14527	LNB		
28			14528	LNB		

NB: Comments for the above DNP's were not listed below as it was not possible to provide supporting photographic evidence.

8.1 Verifying vessel name / RFMO number and National Registration Number.

- **xxx:** The vessel had two different names: on the stern xxx was displayed and on the bow xxx was displayed, as stated in the ICCAT record and the LSPLV's ATF (Figs 3 & 4, below).

Figure 3:

Figure 4:

- : The vessel's call sign differed to that of ICCAT's record (Fig.5, below).

Figure 5:

- : The vessel's call sign differed to that of ICCAT's record (Fig.6, below).

Figure 6:

The vessel's name, differed to that of ICCAT's record of '. (Figs.7 & 8, below).

Figure 7:

Figure 8:

The vessel's name as shown in the ICCAT record was displayed on the Stb. bow but no vessel name was displayed on the stern. (Figs. 9 &10, below).

Figure 9:

Figure 10:

8.2 Issues with Fishing Licence, logbooks or VMS

: The vessel's ATF did not state Atlantic Ocean but 'Unlimited Waters' (Indian Ocean). Figure 11, below.

Figure 11:

- The Argos VMS Power Light was not illuminated on the actual unit (Fig.12, below), however, there was an illuminated green light on the power unit below it (Fig.13, below). Furthermore, the vessel's log book was unbound (Fig.14, below).

Figure 12:

Figure 13:

Other Observer Tasks.

8.3 CV waste disposal

The CV had four oil drums situated on the aft deck: one each for plastic, glass, paper and food waste.

8.4 Unidentified or IUU vessels

None

8.5 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
04/01/14	14:00	05° 23 S	009° 22 W	Bottlenose dolphin	>45	Playing
24/01/14	13:10	12° 43 N	030° 43 W	Spinner dolphin	>60	Playing
27/01/14	08:48	05° 27 N	029° 32 W	Common dolphin	>20	Swimming
01/02/14	06:40	02° 45 S	010° 43 W	Dolphin sp.	>60	Swimming

9 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
	X

The observer offered the Captain of the Shin Fuji the draft observer report but the offer was declined.

Appendices

Table 10 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		26/12/2013	24° 58 S	009° 29 E	3,500 cases of bait + stores	Yes
		29/12/2013	08° 58 S	006° 20 E	Fuel and stores	Yes
		30/12/2013	10° 14 S	004° 54 E	Fuel and stores	Yes
		30/12/2013	10° 09 S	004° 52 E	One PAX and Parcels	Yes
		30/12/2013	10° 09 S	004° 52 E	Fuel & 1,150 cases of bait + stores	Yes
		31/12/2013	10° 33 S	002° 05 E	Fuel and stores	Yes
		01/01/2014	09° 35 S	001° 38 E	6,326 cases of bait	Yes
		01/01/2014	09° 38 S	001° 39 E	2,083 cases of bait	Yes
		02/01/2014	08° 59 S	000° 00 E	Stores	Yes
		13/01/2014	12° 29 N	028° 30 W	3,000 cases of bait + stores + fuel	Yes
		13/01/2014	12° 29 N	028° 33 W	1,000 cases of bait	Yes
		18/01/2014	16° 53 N	025° 00 W	Transhipment at Cape Verde Islands	Yes
		19/01/2014	16° 53 N	025° 00 W	Transhipment at Cape Verde Islands	Yes
		05/02/2014	10° 31 S	002° 34 W	Fuel	Yes
		14/02/2014	33° 55 S	018° 26 E	Transhipment at Cape Town	Yes

ICCAT

Observer Report



Trip Number:	146
Vessel Name:	TAISEI MARU No 15
ICCAT Ref. No.	AT000VUT00019
Observer Name:	Filipe Miguel de Sousa Rodrigues
Cruise Dates:	From: 21/12/2013 To: 16/02/2014

1 Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA LTD. and MRAG, Filipe Miguel de Sousa Rodrigues ROP no. 112 joined the Vanuatu registered Carrier Vessel (CV) TAISEI MARU No 15 ICCAT No AT000VUT00019 as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 21/12/2013 to 16/02/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU No.15	Call sign:	YJTJ8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Ocho Dorado Shipping S.A.	Charterer:	TAISEI MARU KAIUN KAISHA LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335,7 m ³ ; 3,200 ton
Size (GRT):	4993 ton	Length (LOA):	124,25 m
On-board acoustic equipment:		JRC-JFE 570S	
Position fixing equipment:		(2x) JRC-Type JLR-7700MKII	
Vessel monitoring system (present/absent):		Present (JRC JUE-95VM INMARSAT-C)	
Radar:		(1x) JMA-9800, (1x) JMA-7700 series	
Communications equipment:		MF/HF: JRC JSS-800 (2x) VHF: JRC JHS-32A INMARSAT B, C and F33	
Plotters:		JRC JMA-7700	
Tuna products already on board (Quantity)		No	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	21/12/2013
Method of embarkation*	Portside
Date of departure	21/12/2013
Date of first transshipment	25/12/2013
Date of last transshipment	11/02/2014
Date of return	11/02/2014
Date of disembarkation	16/02/2014
Method of disembarkation*	Portside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 37 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

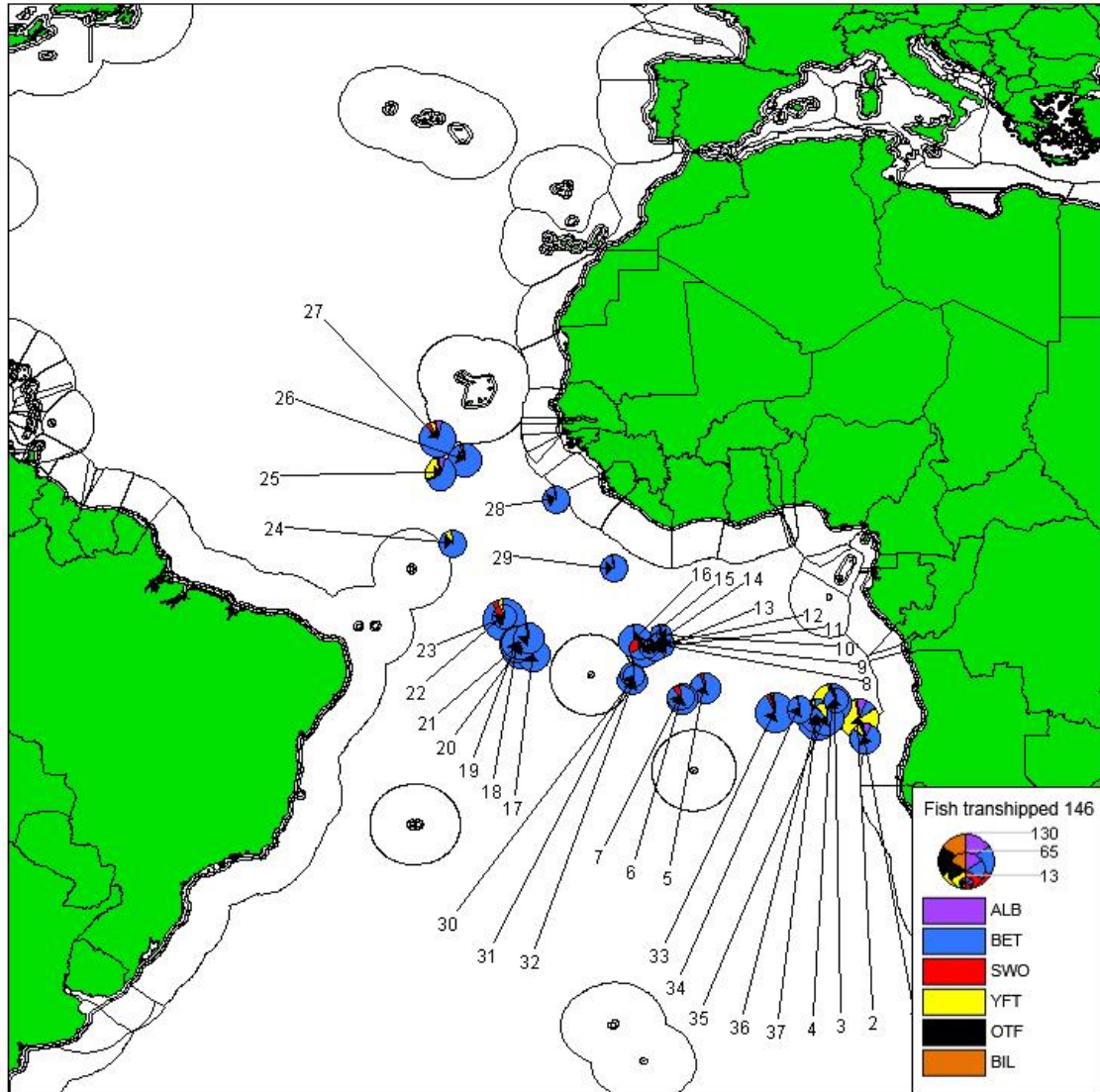


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	1
	15
	19
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transhipment time	% Observed
1				25/12/2013	13°11.746 S	08°34.294 E	04:19	100.00%
2				26/12/2013	11°29.401 S	08°00.99 E	12:13	100.00%
3				27/12/2013	10°01.223 S	06°04.056 E	08:56	100.00%
4				28/12/2013	10°13.321 S	05°46.821 E	06:17	100.00%
5				03/01/2014	08°57.486 S	04°52.07 W	05:45	100.00%
6				04/01/2014	09°51.574 S	06°48.085 W	07:11	100.00%
7				04/01/2014	09°44.892 S	06°54.576 W	04:33	100.00%
8				05/01/2014	05°20.301 S	08°31.489 W	04:40	100.00%
9				06/01/2014	05°08.603 S	08°47.916 W	01:18	100.00%
10				06/01/2014	04°35.461 S	08°34.214 W	07:11	100.00%
11				07/01/2014	05°36.431 S	09°35.242 W	00:57	100.00%
12				07/01/2014	05°35.751 S	09°34.505 W	05:40	100.00%
13				07/01/2014	05°46.491 S	08°59.585 W	05:08	100.00%
14				08/01/2014	06°00.284 S	10°00.64 W	06:27	100.00%
15				08/01/2014	05°40.927 S	10°19.067 W	05:06	100.00%
16				09/01/2014	04°59.028 S	10°47.641 W	06:08	100.00%
17				11/01/2014	06°12.616 S	19°15.046 W	06:22	100.00%

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transhipment time	% Observed
18				12/01/2014	05°10.804 S	20°27.482 W	09:34	100.00%
19				13/01/2014	05°15.453 S	20°39.297 W	09:32	100.00%
20				14/01/2014	05°35.849 S	20°21.199 W	05:32	100.00%
21				14/01/2014	04°43.395 S	19°37.712 W	03:07	100.00%
22				15/01/2014	02°59.699 S	21°39.743 W	08:06	100.00%
23				16/01/2014	03°15.854 S	21°37.739 W	11:51	100.00%
24				17/01/2014	03°09.986 N	26°03.339 W	04:12	100.00%
25				19/01/2014	08°59.38 N	27°00.606 W	04:09	100.00%
26				20/01/2014	10°07.593 N	25°01.069 W	04:35	100.00%
27				21/01/2014	11°57.494 N	27°15.191 W	10:38	100.00%
28				29/01/2014	06°49.206 N	17°20.789 W	01:45	100.00%
29				30/01/2014	01°03.695 N	12°29.014 W	02:00	100.00%
30				01/02/2014	08°07.055 S	10°42.883 W	01:56	100.00%
31				02/02/2014	07°59.297 S	10°51.541 W	03:46	100.00%
32				02/02/2014	08°30.326 S	10°53.53 W	03:21	100.00%
33				05/02/2014	11°03.14 S	01°02.732 E	04:43	100.00%
34				07/02/2014	10°42.294 S	03°05.693 E	01:55	100.00%
35				09/02/2014	11°28.439 S	05°20.642 E	03:30	100.00%
36				10/02/2014	11°35.98 S	04°31.475 E	04:04	100.00%
37				11/02/2014	11°17.664 S	04°31.696 E	03:43	100.00%

Comments: All vessel were Inspected during the deployment.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	49.958	48.726	4.963	5.541	1.349	0.956	13.95	8.713	70.22	63.936	-6.28	-9.83%
2	12.675	9.227	78.226	83.215	3.904	0.805	14.513	10.382	109.318	103.629	-5.69	-5.49%
3	44.153	42.508	2.161	1.902	0.684	0.488	0.2	0.271	47.198	45.169	-2.03	-4.49%
4	62.068	60.157	43.89	44.822	3.8	2.137	4.395	3.927	114.153	111.043	-3.11	-2.80%
5	68.579	67.047	0	0.17	4.785	3.762	0	0	73.364	70.979	-2.38	-3.36%
6	67.645	65	2.163	2.7	0	0	0	0	69.808	67.7	-2.11	-3.11%
7	42.855	41	0	0.127	7.457	5	0	0	50.312	46.127	-4.19	-9.07%
8	49.593	46.877	0.299	0.227	9.448	9.573	0	0	59.34	56.677	-2.66	-4.70%
9	21.351	20.084	0	0.116	0	0	0	0	21.351	20.2	-1.15	-5.70%
10	38.407	36.232	0.746	1.001	0	0	0	0	39.153	37.233	-1.92	-5.16%
11	11.797	11	0	0	0	0	0	0	11.797	11	-0.8	-7.25%
12	22.505	22.95	1.749	0.21	0	0	0	0	24.254	23.16	-1.09	-4.72%
13	27.301	24.334	0.129	0.258	9.683	9.4	0	0	37.113	33.992	-3.12	-9.18%
14	52.393	48.723	3.008	4.5	0	0	0	0	55.401	53.223	-2.18	-4.09%
15	24.19	22.175	0.37	0.396	11.351	10.7	0	0	35.911	33.271	-2.64	-7.93%
16	74.59	72.141	1.535	1.351	0	0	0	0	76.125	73.492	-2.63	-3.58%
17	84.367	78.5	1.26	2.5	0	0	0	0	85.627	81	-4.63	-5.71%
18	91.356	88.156	3.548	2.412	0	0	0	0	94.904	90.568	-4.34	-4.79%
19	85.844	79.382	2.11	2.334	0	0	0	0	87.954	81.716	-6.24	-7.63%
20	100.573	103	3.13	3.3	0	0	0	0	103.703	106.3	2.6	2.44%
21	70.671	68	1.184	1.8	0	0	0	0	71.855	69.8	-2.06	-2.94%
22	44.429	42.237	2.013	2.878	7.462	6.617	0	0	53.904	51.732	-2.17	-4.20%
23	121.418	114	4.673	5.5	8.068	7.257	0	0	134.159	126.757	-7.4	-5.84%
24	48.567	43.146	4.333	4.565	0	0	0	0	52.9	47.711	-5.19	-10.88%*
25	45.111	43.591	21.514	21.377	1.651	1.666	7.8935	7.808	76.1695	74.442	-1.73	-2.32%
26	84.657	77.778	1.788	1.301	2.094	2.184	1.84	0.685	90.379	81.948	-8.43	-10.29%**
27	89.143	81.023	6.993	6.286	4.648	3.807	6.782	6.275	107.566	97.391	-10.18	-10.45%***
28	57.408	53.883	0.542	0.471	0.745	0.426	0.079	0.086	58.774	54.866	-3.91	-7.12%
29	62.664	58.195	0.529	0.347	1.184	0.405	0.364	0.177	64.741	59.124	-5.62	-9.50%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
30	45.943	44.638	0	0	0	0	0	0	45.943	44.638	-1.31	-2.92%
31	60.236	57.5	0	0	0	0	0	0	60.236	57.5	-2.74	-4.76%
32	75.549	73.103	0	0	0	0	0	0	75.549	73.103	-2.45	-3.35%
33	106.523	102.552	3.915	2.569	6.526	3.559	2.571	2.307	119.535	110.987	-8.55	-7.70%
34	51.123	49.652	1.377	0.729	0.491	0.154	0.221	0.117	53.212	50.652	-2.56	-5.05%
35	75.303	70.458	9.722	9.426	0.647	0.4	0.179	0.173	85.851	80.457	-5.39	-6.70%
36	108.285	108.722	2.65	0.959	1.819	0.787	0	0.04	112.754	110.508	-2.25	-2.03%
37	80.937	75.71	3.405	2.395	2.881	1.785	1.825	1.398	89.048	81.288	-7.76	-9.55%

Comments:

* Observer average weight of *T. Obesus* was bigger than declared by 3kg. (932 pieces).

** Observer average weight of *T. Obesus* was bigger than declared by 2 kg. (2829 pieces).

*** large strings of mixed fish made it impossible to use the declared average weight, as such the weight was estimated by the observer on a tally sheet from a hook scale. This showed a difference in weight from the TD total weight of 8t (8.59%). The percentage difference was added to the average weight provided by the LSTLV and this figure was applied to the observer estimation of pieces.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in 4, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Bigeye tuna	<i>Thunnus obesus</i>	2260.17	86.28%	2151.41	86.63%
Yellowfin tuna	<i>Thunnus albacares</i>	213.93	8.17%	217.69	8.77%
Swordfish	<i>Xiphias gladius</i>	90.68	3.46%	71.87	2.89%
Albacore	<i>Thunnus alalunga</i>	29.15	1.11%	26.84	1.08%
Atlantic blue marlin	<i>Makaira nigricans</i>	8.98	0.34%	2.39	0.10%
	<i>Other fish Unclassified</i>	8.27	0.32%	9.94	0.40%
Opah	<i>Lampris guttatus</i>	3.91	0.15%	1.19	0.05%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	2.57	0.10%	0	0.00%
Striped marlin	<i>Tetrapturus audax</i>	1.69	0.06%	1.74	0.07%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	1.53	0.06%	0.25	0.01%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	0.66	0.03%	0.57	0.02%
Skipjack tuna	<i>Katsuwonus pelamis</i>	0	0.00%	0	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	0	0.00%	0.03	0.00%

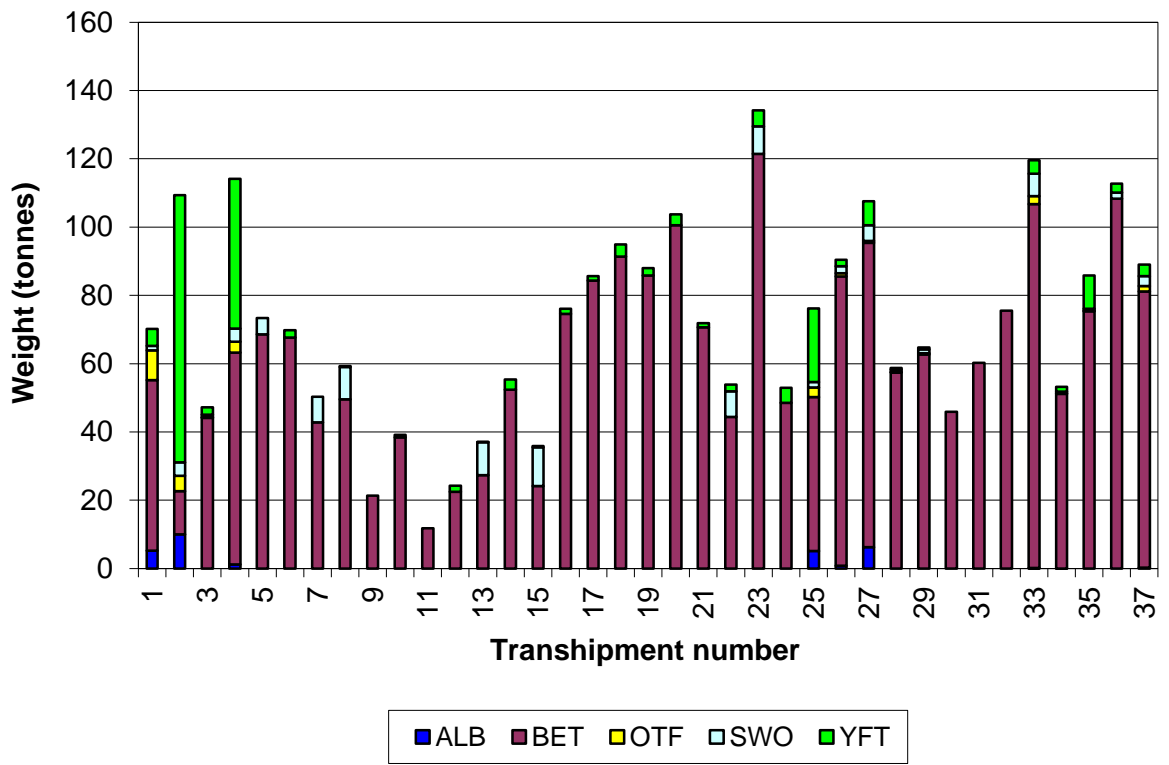


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	142.72
Atlantic blue marlin	<i>Makaira nigricans</i>	125.3
Striped marlin	<i>Tetrapturus audax</i>	66.48
Swordfish	<i>Xiphias gladius</i>	58.65
Bigeye tuna	<i>Thunnus obesus</i>	51.34
Yellowfin tuna	<i>Thunnus albacares</i>	34.29
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	27.52
	<i>Other fish Unclassified</i>	18.91
Opah	<i>Lampris guttatus</i>	15.39
Albacore	<i>Thunnus alalunga</i>	14.13
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	12.35
Skipjack tuna	<i>Katsuwonus pelamis</i>	3

Comments:

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
-	-	-	-	-	-	-	-	-	-

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Form Number	Monitoring	Tag series number (from – to)
-	-	-	-	-	-

Comments: No SBF were transhipped at sea.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No.	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. N.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	25/12/2013	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	25/12/2013
2			Y	26/12/2013	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	26/12/2013
3			Y	27/12/2013	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	27/12/2013
4			Y	28/12/2013	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	28/12/2013
5			Y	03/01/2014	Y	Y	Y	Y	Y	22/08/2017	Y	Y	Y	Y	Y	PB	02/01/2014
6			Y	04/01/2014	Y	Y	Y	Y	Y	28/11/2015	Y	Y	Y	Y	Y	PB	04/01/2014
7			Y	04/01/2014	Y	Y	Y	Y	Y	01/09/2017	Y	Y	Y	Y	Y	PB	03/01/2014
8			Y	05/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	05/01/2014
9			Y	06/01/2014	Y	Y	Y	Y	Y	18/11/2014	Y	Y	Y	Y	Y	PB	06/01/2014
10			Y	06/01/2014	Y	Y	Y	Y	Y	28/02/2015	Y	Y	Y	Y	Y	PB	06/01/2014
11			Y	07/01/2014	Y	Y	Y	Y	Y	11/10/2017	Y	Y	Y	Y	Y	PB	05/01/2014
12			Y	05/01/2014	Y	Y	Y	Y	Y	02/12/2014	Y	Y	Y	Y	Y	PU	06/01/2014
13			Y	07/01/2014	Y	Y	Y	Y	Y	26/06/2017	Y	Y	Y	Y	Y	PB	06/01/2014
14			Y	08/01/2014	Y	Y	Y	Y	Y	01/03/2017	Y	Y	Y	Y	Y	PB	08/01/2014
15			Y	08/01/2014	Y	Y	Y	Y	Y	05/10/2016	Y	Y	Y	Y	Y	PB	08/01/2014
16			Y	09/01/2014	Y	Y	Y	Y	Y	24/10/2016	Y	Y	Y	Y	Y	PU	08/01/2014
17			Y	11/01/2014	Y	Y	Y	Y	Y	01/12/2015	Y	Y	Y	Y	Y	PB	10/01/2014
18			Y	12/01/2014	Y	Y	Y	Y	Y	31/10/2014	Y	Y	Y	Y	Y	PB	11/01/2014

No.	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship				VMS		Logbook			
					Name	IRCS	Reg. N.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
19			Y	13/01/2014	Y	Y	Y	Y	Y	15/03/2015	Y	Y	Y	Y	Y	PB	13/01/2014
20			Y	14/01/2014	Y	Y	Y	Y	Y	13/01/2015	Y	Y	Y	Y	Y	PU	14/01/2014
21			Y	14/01/2014	Y	Y	Y	Y	Y	13/01/2015	Y	Y	Y	Y	Y	PU	14/01/2014
22			Y	15/01/2014	Y	Y	Y	Y	Y	21/10/2017	Y	Y	Y	Y	Y	PB	15/01/2014
23			Y	16/01/2014	Y	Y	Y	Y	Y	11/03/2016	Y	Y	Y	Y	Y	PB	16/01/2014
24			Y	17/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	17/01/2014
25			Y	19/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	19/01/2014
26			Y	20/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	N	Y	PB	20/01/2014
27			Y	21/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	21/01/2014
28			Y	29/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	29/01/2014
29			Y	30/01/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	30/01/2014
30			Y	01/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	01/02/2014
31			Y	02/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	02/02/2014
32			Y	02/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	02/02/2014
33			Y	05/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	05/02/2014
34			Y	07/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	07/02/2014
35			Y	09/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	09/02/2014
36			Y	10/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	10/02/2014
37			Y	11/02/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	11/02/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 **Comments from inspections**

No	Comments
1	call sign only displayed on the bow upper deck
6	no name displayed on the Stern, only home port and non English characters
7	Call sign not readable. Sea weeds partially covering the call sign.
8	Captain shows 2 versions of logbook, one version personal book bound, other version printed not bound, separated sheets not numbered.
12	Impossible to identify make and model of VMS. Captain shows one logbook printed in A3 sheets, 1 sheet correspond to one month, the sheets were stamped. The sheets were not numbered.
15	Impossible to identify VMS make/model.
20	Logbook printed and Unbound. Sheets were stamped. The sheets were not numbered.
21	VMS was power on, login light was off, afther turn off/on login light turn on. Logbook printed and Unbound. Sheets were stamped. The sheets were not numbered.
24	Name on the Bow not correct
26	VMS Argos Kannad not turned on, Captain says boat came from dry dock and installed the latest model of Inmarsat-c. The Inmarsat-c shown to the observer was a computer with distress button on the screen.
29	Impossible to identify VMS make/model.
30	Second transshipment from this vessel on this deployment, last time Transshipment n 8, PNC in Logbook 05/01/14. Second inspection all ok, no PNC report.
32	Captain shows 2 versions of logbook, 1 version personal book bound, 2 version printed not bound, separated sheets not numbered.
33	2 VMS present impossible to identify VMS models.
36	Impossible to identify VMS make/model.

The observer made 10 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
1			1	IIM	
6			2	IIM	
7			3	IIM	
8			4	LNB	LNN
12			5	LNB	LNN
20			6	LNB	LNN
21			7	LNB	LNN
24			8	IIM	
26			9	VNL	
32			10	LNB	LNN

8.1 Verifying vessel name / RFMO number and National Registration Number.

Photo 1 – no call sign visible (PNC1).

Photo 2 –no name displayed on the Stern, only home port and non English characters (PNC2)

Photo 3 –, call sign not readable. Sea weeds partially covering the call sign. (PNC3)

Pic 4 –name on the Bow not correct. (PNC8)

8.2 Issues with Fishing Licence, logbooks or VMS

Photo 5 and 6 - two versions of logbook, first version personal book not printed, second version printed not bound, separated sheets not numbered. (PNC4)

Photo 7 and 8 –logbook printed in A3 sheets, 1 sheet correspond to one month, the sheets were stamped. The sheets were not numbered. (PNC5)

Photo 9 and 10 - Logbook printed and Unbound. Sheets were stamped. The sheets were not numbered.(PNC6)

Photo 11 and 12 - Logbook printed and Unbound. Sheets were stamped. The sheets were not numbered. (PNC7)

Photo 13 and 14 –VMS Argos Kannad not turn on, Captain says boat came from dry dock and install latest model of Inmarsat-c. The Inmarsat-c show to the observer was a computer with distress button on the screen. (PNC9)

Photo 15,16 and 17 -, two versions of logbook, first version personal book not printed, second version printed not bound, separated sheets not numbered.(PNC10)

Photo 18 Unidentified make and model of VMS unit on Tai 1

Photo 19 Unidentified make and model of VMS unit

Other Observer Tasks.

8.3 CV waste disposal

All waste was kept in large bins until port at which time it was offloaded.

8.4 Unidentified or IUU vessels

No IUU vessels were sighted during the deployment.

8.5 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
01/01/2014	12:00	S 9°35	E 0°25	<i>Pyseter macrocephalus</i>	1	Sailing
16/01/2014	10:36	S 3°11	W 21°41	<i>Pyseter macrocephalus</i>	1	Sailing
05/02/2014	17:18	S 11°09	E 0°40	Unidentified dolphin	25	Came to bow

9 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		25/12/2013	S 16°24	E 7°59	Fuel; Goods.
		29/12/2013	S 9°39	E 4°45	Fuel; Goods; Bait.
		29/12/2013	S 9°30	E 4°42	Fuel; Goods; Bait.
		30/12/2013	S 9°46	E 3°24	Fuel; Goods.
		30/12/2013	S 9°47	E 3°22	Fuel; Goods.
		30/12/2013	S 9°47	E 3°22	Fuel; Goods.
		31/12/2013	S 10°05	E 1°27	Fuel; Goods; Bait.
		01/01/2014	S 9°36	E 1°11	Fuel; Goods.
		01/01/2014	S 9°34	E 1°39	Fuel; Goods.
		05/01/2014	S 5°13	W 8°36	Fuel; Goods; Bait.
		04/02/2014	S 10°29	W 0°25	Fuel; Goods.
		06/02/2014	S 10°59	E 0°51	Fuel; Goods.
		08/02/2014	S 12°07	E 5°10	Fuel.
		08/02/2014	S 11°57	E 5°14	Fuel.

ICCAT

Observer Report



Trip Number:	147-14
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000VUT00018
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 24/02/2014 to 23/04/2014

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries Monitoring cc (Capfish), A.T. Dimitrov (ROP no.117) joined the Vanuatu registered Carrier Vessel (CV) Chikuma (ICCAT No. AT000VUT00018) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 24/02/2014 to 23/04/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chikuma	Call sign:	YJTE5
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Oceanwide shipping S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8044.56m ³
Size (GRT):	6558t.	Length (LOA):	134.15m.
On-board acoustic equipment:		FURUNO Echo Sounder FE-700	
Position fixing equipment:		FURUNO 2xGPS NAVIGATOR GP-150	
Vessel monitoring system (present/absent):		Present	
Radar:		FURUNO FAR-2127/ FAR-2137S	
Communications equipment:		FURUNO 2xFM-8900S /2x FS-2575C	
Plotters:		FURUNO ECDIS FMD-3200	
Tuna products already on board (Quantity)		782.153t.	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	24/02/2014
Method of embarkation*	Portside
Date of departure	25/02/2014
Date of first transshipment	04/03/2014
Date of last transshipment	17/04/2014
Date of return	22/04/2014
Date of disembarkation	23/04/2014
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 39 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

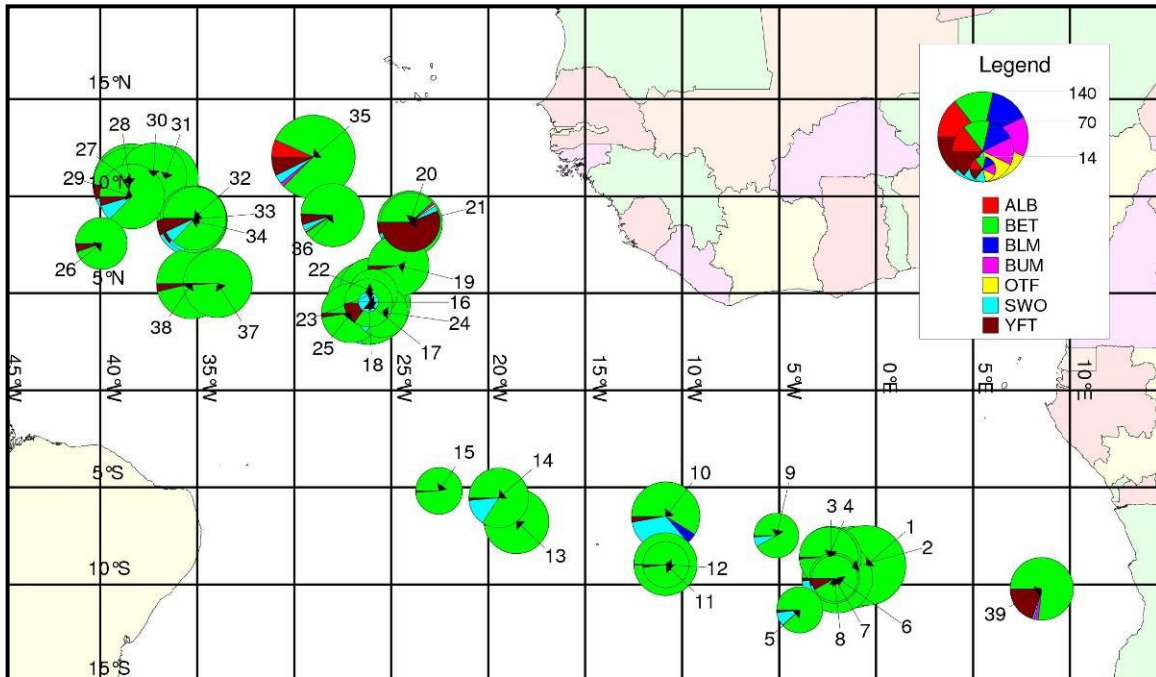


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	2
	19
	14
	3
	1

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship-ment time	% Observed
1				Yes	04/03/2014	09°01.3 S	000°31.7 W	04:40	100.00%
2				Yes	05/03/2014	09°07.5 S	001°13.8 W	05:20	100.00%
3				Yes	06/03/2014	08°35.199 S	002°20.159 W	03:00	100.00%
4				Yes	06/03/2014	08°35.11 S	002°26.16 W	02:10	100.00%
5				Yes	07/03/2014	11°19.376 S	003°55.872 W	03:15	100.00%
6				Yes	08/03/2014	09°39.205 S	001°59.762 W	04:20	100.00%
7				Yes	09/03/2014	09°41.9 S	002°07.6 W	01:45	100.00%
8				Yes	09/03/2014	09°40.865 S	002°08.583 W	03:10	100.00%
9				Yes	10/03/2014	07°29.6 S	005°09 W	02:35	100.00%
10				Yes	11/03/2014	06°29.871 S	010°50.517 W	03:25	100.00%
11				Yes	12/03/2014	08°59.7 S	010°49.5 W	02:40	100.00%
12				Yes	12/03/2014	08°57.989 S	010°51.727 W	02:25	100.00%
13				Yes	14/03/2014	06°45.424 S	018°32.095 W	02:25	100.00%
14				Yes	15/03/2014	05°32.599 S	019°27.586 W	03:25	100.00%
15				Yes	16/03/2014	05°10.99 S	022°32.27 W	02:10	100.00%
16				Yes	18/03/2014	04°32.405 N	026°10.674 W	00:30	100.00%
17				Yes	18/03/2014	04°29.8 N	026°10.7 W	01:45	100.00%
18				Yes	19/03/2014	04°30 N	026°09.4 W	06:25	100.00%
19				Yes	20/03/2014	06°25.242 N	024°37.693 W	03:05	100.00%
20				Yes	21/03/2014	08°39.162 N	024°01.348 W	03:25	100.00%
21				Yes	21/03/2014	08°35.498 N	024°01.975 W	03:30	100.00%
22				Yes	22/03/2014	05°06.717 N	025°56.275 W	03:00	100.00%
23				Yes	22/03/2014	04°59.546 N	025°55.703 W	03:10	100.00%
24				Yes	23/03/2014	04°02.81 N	025°28.338 W	02:10	100.00%
25				Yes	24/03/2014	03°58.074 N	027°04.012 W	02:55	100.00%
26				Yes	27/03/2014	07°33.441 N	039°55.928 W	02:45	100.00%
27				Yes	28/03/2014	10°44.042 N	038°24.156 W	06:25	100.00%
28				Yes	28/03/2014	10°35.175 N	038°28.249 W	07:30	100.00%
29				Yes	29/03/2014	09°58.86 N	038°21.266 W	05:10	100.00%
30				Yes	30/03/2014	11°00.724 N	037°15.975 W	05:30	100.00%
31				Yes	31/03/2014	10°53.503 N	036°39.852 W	04:20	100.00%
32				Yes	01/04/2014	08°51.693 N	035°08.996 W	03:55	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship-ment time	% Observed
33				Yes	01/04/2014	08°48.42 N	035°11.968 W	03:35	100.00%
34				Yes	01/04/2014	08°44.889 N	035°15.813 W	04:45	100.00%
35				Yes	03/04/2014	12°00.781 N	029°00.807 W	05:25	100.00%
36				Yes	04/04/2014	09°00.955 N	028°01.464 W	03:25	100.00%
37				Yes	07/04/2014	05°30.141 N	033°56.836 W	03:40	100.00%
38				Yes	08/04/2014	05°29.762 N	035°17.059 W	05:10	100.00%
39				Yes	17/04/2014	10°14.216 S	008°32.124 E	03:55	100.00%

Comments: All Transhipments were observed by 100%.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	111.045	112.759	1.54	1.444	7.44	7.391	0	0	120.025	121.594	1.57	1.29%
2	112.329	113.015	2.548	2.388	8.526	8.45	0	0	123.403	123.853	0.45	0.36%
3	60.995	63.418	0.576	0.578	12.32	12.694	0	0	73.891	76.69	2.80	3.65%
4	66.08	70	1.26	1	0	0	0	0	67.34	71	3.66	5.15%
5	38.07	41.591	0.731	0.988	4.233	4.5	0	0	43.034	47.079	4.05	8.59%
6	89.7	90	1.645	1.56	6.7	6.8	0	0	98.045	98.36	0.31	0.32%
7	44.77	43.924	3.9	3.877	0	0	0	0	48.67	47.801	-0.87	-1.82%
8	47.628	46.729	2.87	2.649	4.558	5.331	0	0	55.056	54.709	-0.35	-0.63%
9	38.82	40	0.6	0.6	4.2	3	0	0	43.62	43.6	-0.02	-0.05%
10	55.76	55.446	2.9	2.68	32.016	31.587	4.788	4.544	95.464	94.257	-1.21	-1.28%
11	44.268	44.12	0.936	0.939	0	0	0	0	45.204	45.059	-0.15	-0.32%
12	81.66	80.463	0.774	0.607	0	0	0	0	82.434	81.07	-1.36	-1.68%
13	80.94	81.132	1.85	1.853	0	0	0	0	82.79	82.985	0.20	0.23%
14	61.173	60.71	1.219	1.119	10.494	10.497	0	0	72.886	72.326	-0.56	-0.77%
15	45.6	45.655	0.636	0.589	0	0	0	0	46.236	46.244	0.01	0.02%
16	0	0	0	0	11.4	11.351	0	0	11.4	11.351	-0.05	-0.43%
17	42.5	42.33	7.2	7.67	0	0	0	0	49.7	50	0.30	0.60%
18	99.792	99	16.926	17	11.502	11.37	0	0	128.22	127.37	-0.85	-0.67%
19	74.868	74.853	2.52	2.416	0	0	0	0	77.388	77.269	-0.12	-0.15%
20	27.44	27.5	40.5	40.1	2.2	2.2	1.83	1.8	71.97	71.6	-0.37	-0.52%
21	76.076	75.787	4.51	4.334	2.07	1.993	1.029	1.016	83.685	83.13	-0.55	-0.67%
22	84.448	88	0	0	0	0	0	0	84.448	88	3.55	4.04%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
23	52.503	50	0	0	0	0	0	0	52.503	50	-2.50	-5.01%
24	50.813	48.958	3.807	3.733	4.536	4.74	0	0	59.156	57.431	-1.73	-3.00%
25	66.3	68.211	1.75	1.795	0	0	0	0	68.05	70.006	1.96	2.79%
26	54.75	54.947	3.192	3.138	0	0	0	0	57.942	58.085	0.14	0.25%
27	85.968	85.009	10.56	10.408	14.44	14.065	0	0	110.968	109.482	-1.49	-1.36%
28	95.55	94.029	7.6	6.894	6.251	6.285	0	0	109.401	107.208	-2.19	-2.05%
29	74.2	74.456	4.3	4.072	6.936	6.669	0	0	85.436	85.197	-0.24	-0.28%
30	78.91	78.751	1.8	1.662	8.788	8.285	0	0	89.498	88.698	-0.80	-0.90%
31	76.65	75.577	4.56	4.497	5.704	5.649	0	0	86.914	85.723	-1.19	-1.39%
32	70.6	69.92	6.048	5.72	5.445	5	0	0	82.093	80.64	-1.45	-1.80%
33	68.12	68.109	10.88	10.626	5.64	7	0	0	84.64	85.735	1.10	1.28%
34	73.955	72.71	6.8	6.805	18.348	18.012	0	0	99.103	97.527	-1.58	-1.62%
35	107.184	105.918	9.28	9.673	4.48	4.467	10.28	10.884	131.224	130.942	-0.28	-0.22%
36	71.54	70.923	4.028	3.971	2.366	2.382	1.626	1.628	79.56	78.904	-0.66	-0.83%
37	90.396	91	1.23	1.1	0	0	0	0	91.626	92.1	0.47	0.51%
38	93.6	92.9	3.69	3.7	0	0	0	0	97.29	96.6	-0.69	-0.71%
39	60.102	59.808	15.552	15.673	0.782	0.784	1.6	1.593	78.036	77.858	-0.18	-0.23%

Comments: The species included under “other” in table 3 combined the weight of albacore (*Thunnus alalunga*), oil fish (*Ruvettus pretiosus*), opah (*Lampris guttatus*), wahoo (*Acanthocybium solandri*), dorado (*Coryphaena hippurus*) and billfishes (*Istiophoridae*).

6 Species and weight transferred

The vessel contained 782.153t of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	2.00	0.07%	1.94	0.06%
Albacore	<i>Thunnus alalunga</i>	N	9.19	0.30%	9.79	0.32%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.17	0.17%	5.19	0.17%
Bigeye tuna	<i>Thunnus obesus</i>	All	2655.10	86.53%	2657.66	86.64%
Black marlin	<i>Makaira indica</i>	All	4.79	0.16%	4.54	0.15%
Swordfish	<i>Xiphias gladius</i>	All	19.00	0.62%	19.40	0.63%
Swordfish	<i>Xiphias gladius</i>	N	84.27	2.75%	84.05	2.74%
Swordfish	<i>Xiphias gladius</i>	S	98.11	3.20%	97.05	3.16%
Yellowfin tuna	<i>Thunnus albacares</i>	All	190.72	6.22%	187.86	6.12%

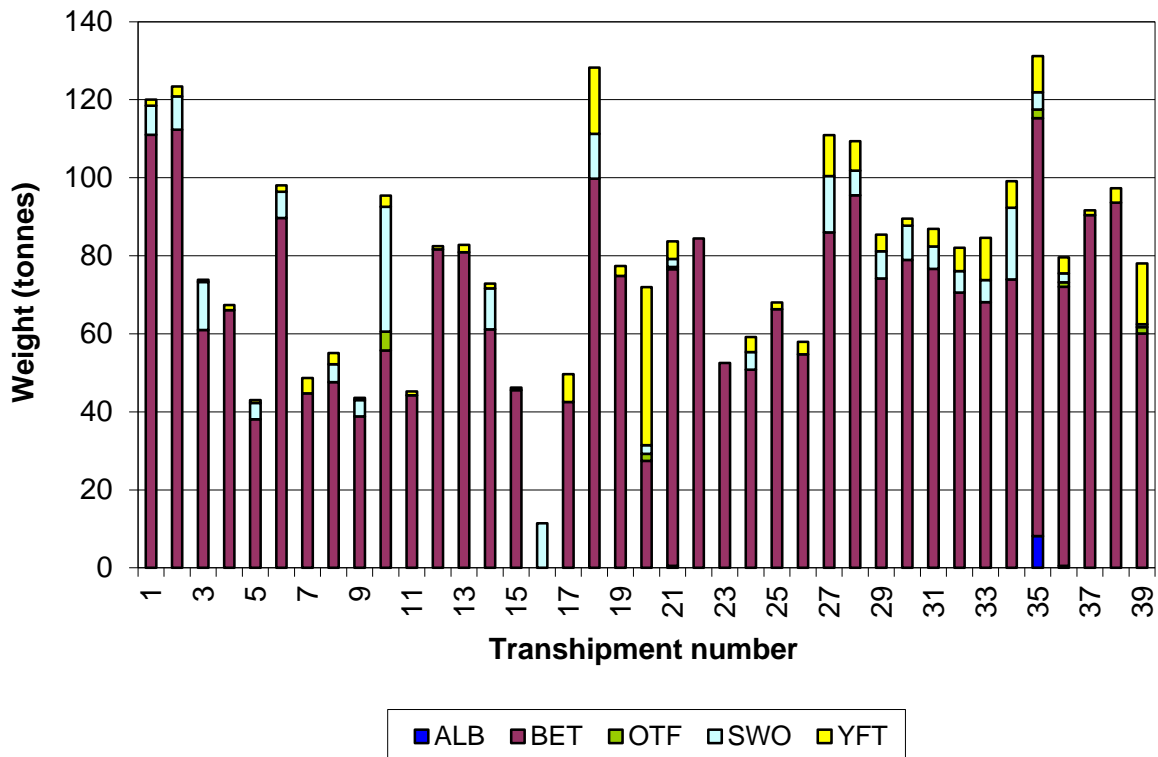


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		9.278
Albacore	<i>Thunnus alalunga</i>	14.566
Atlantic blue marlin	<i>Makaira nigricans</i>	80.781
Bigeye tuna	<i>Thunnus obesus</i>	46.225
Black marlin	<i>Makaira indica</i>	133.000
Swordfish	<i>Xiphias gladius</i>	51.834
Yellowfin tuna	<i>Thunnus albacares</i>	42.724

Comments:

The average fish weight for each species was calculated from the declared weight and number of the species. On occasion the observer made use of his visual weight estimations when reliable information was not available.

7 Southern bluefin tuna transhipments

The CV did not tranship southern bluefin tuna (*Thunnus maccoyii*) during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Ye s	04/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	01/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	02/03/2 014
2			Ye s	05/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	27/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	03/03/2 014
3			Ye s	06/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	02/01/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	05/03/2 014
4			Ye s	06/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	14/05/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	05/03/2 014
5			Ye s	07/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	25/04/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	05/03/2 014
6			Ye s	08/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	11/04/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	07/03/2 014
7			Ye s	09/03/ 14	Ye s	Ye s	N A	Ye s	Ye s	27/09/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	07/03/2 014
8			Ye s	09/03/ 14	No s	Ye s	Ye s	Ye s	Ye s	25/07/ 16	Ye s	Ye s	Ye s	Ye s	Ye s	P B	09/03/2 014
9			Ye s	10/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	13/01/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P U	09/03/2 014
10			Ye s	11/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P U	10/03/2 014
11			Ye s	12/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	26/06/ 16	Ye s	Ye s	Ye s	Ye s	Ye s	P B	06/03/2 014
12			Ye s	12/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	04/03/ 16	Ye s	Ye s	Ye s	Ye s	Ye s	P B	06/03/2 014
13			Ye s	14/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	06/07/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	12/03/2 014
14			Ye s	15/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	05/12/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P B	14/03/2 014
15			Ye s	16/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	18/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	15/03/2 014
16			Ye s	18/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	09/05/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	17/03/2 014
17			Ye s	18/03/ 14	No s	Ye s	N A	Ye s	Ye s	05/07/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	17/03/2 014
18			Ye s	19/03/ 14	No s	Ye s	Ye s	Ye s	Ye s	03/01/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	18/03/2 014
19			Ye s	20/03/ 14	Ye s	Ye s	No s	Ye s	Ye s	18/10/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P B	19/03/2 014
20			Ye s	21/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P U	20/03/2 014
21			Ye s	21/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P U	20/03/2 014
22			Ye s	22/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	21/10/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	21/03/2 014
23			Ye s	22/03/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	15/04/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	21/03/2 014

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
24			Yes	23/03/14	Yes	Yes	Yes	Yes	Yes	01/03/15	Yes	Yes	Yes	Yes	Yes	P	22/03/2014
25			Yes	24/03/14	Yes	Yes	Yes	Yes	Yes	16/09/14	Yes	Yes	Yes	Yes	Yes	P	22/03/2014
26			Yes	27/03/14	No	Yes	Yes	Yes	Yes	30/09/17	Yes	Yes	No	N	Yes	U	15/03/2014
27			Yes	28/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	25/03/2014
28			Yes	28/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	27/03/2014
29			Yes	29/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	28/03/2014
30			Yes	30/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	E	29/03/2014
31			Yes	31/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	30/03/2014
32			Yes	01/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	31/03/2014
33			Yes	01/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	30/03/2014
34			Yes	01/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	31/03/2014
35			Yes	03/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	01/04/2014
36			Yes	04/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	03/04/2014
37			Yes	07/04/14	Yes	Yes	N	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	P	05/04/2014
38			Yes	08/04/14	Yes	Yes	N	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	P	07/04/2014
39			Yes	17/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	P	10/04/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The observer issued four Potential Non Compliance (PNC) reports regarding external markings on the LSPLVs and VMS unit.

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			Fish remaining on board LSPLV: ALB-3.5t, BUM-0.3t, MLS-0.3t, SAI-4.5t, OTF-4.2t, SKH-5t.
2			Fish remaining on board LSPLV: ALB-5.374t, SAI-2.2t, MLS-0.3t, BIL-7.5t, OIL-3.21t, OTF-3.198t, SKH-4.857t. SWO-3.414t, BUM-1.5t.

TS No.	Vessel Name	ICCAT No.	Comments
3			Fish remaining on board LSPLV: BET-1.8t.
4			Fish remaining board LSPLV: BET-2t.
5			Fish remaining on board LSPLV: OTF-1.5t.
6			Fish remaining on board LSPLV: ALB-8t, MLS-0.1t, BUM-1t, SSP-0.1t, BIL-9t, SKH-8t.
7			The LSPLV did not display the vessel's National Registration Number (NRN). Fish remained on board LSPLV: SWO-18.421t, BUM-1.537t, ALB-0.632t, OTF-1.773t.
8			The LSPLV displayed the name xxx on the bow and the stern of the vessel. This name was not consistent with the name given in the ICCAT vessel list. Fish remained on board LSPLV: BUM-1.116t, SSP-1.194t, SFA-0.723t, BIL-1.013t, SKH-1.460t, OTF-0.075t.
9			The fishing logbooks were printed but not bound and the pages were not pre-marked with serial numbers. Fish remained on board LSPLV: ALB-0.115t, BUM-0.580t, SSP-0.100t, SKH-6t.
10			The fishing logbooks were printed but not bound and the pages were not pre-marked with serial numbers. Fish remained on board LSPLV: BET-1.193t, YFT-0.159t, SWO-0.139, BLM-0.055t, SKH-20t.
11			Fish remained on board LSPLV: ALB-2.668t, SWO-1.611t, SKH-0.294t, OTF-0.346t.
12			The LSPLV's NRN was not clearly visible due to the fouling on the LSPLV. Fish remained on board LSPLV: SWO-7.756t, BUM-4.491t, SKH-5.060t, OTF-5.474t.
13			Fish remaining on board LSPLV: SWO-6.261t, BUM-0.579t, SKH-1.570t, OTF-0.250t.
14			Fish remaining on board LSPLV: BUM-1.120t, SFA-0.150t.
15			Fish remaining on board LSPLV: SWO-3.540t, BUM-1.360t.

TS No.	Vessel Name	ICCAT No.	Comments
16			<p>The NRN was only visible at close range due to the fouling on the vessel.</p> <p>Fish remaining on board LSPLV: BET-119.168t, YFT-12.523t, ALB-8.279t, SWO-3.542t, BUM-2.317t, SSP-2.990t, BIL-8.332t, SKH-3.761t, OTF-11.937t.</p>
17			<p>The LSPLV name displayed was not the same as the name provided on the ICCAT list and the Authorization To Tranship (ATT) . The LSPLV name was not provided in English in the Authorization To Fish (ATF).</p> <p>The LSPLV did not display the vessel's NRN. Fish remaining on board LSPLV: BET-42.340t, YFT-6.060t, SWO-10.490t, BUM-3.250t, SFA-0.435t, OTF-2.720t.</p>
18			<p>LSPLV markings displayed were not the same as the name provided in the ICCAT list. The name displayed on the bow and on the stern was xxx instead of as provided on the ATF and the ICCAT list. A PNC report was issued on the 19/03/2014.</p> <p>Fish remaining on board LSPLV: ALB-5.164t, SWO-8.099t, BUM-2.033t, SFA-2.109t, BIL-6.432t, SKH-10.115t, OTF-7.611t, BET-2.391t, YFT-0.876t.</p>
19	KAO FONG NO.817	AT000TAI00096	<p>The LSPLV name markings on the bow were not clearly visible due to the fouling and rust on the hull. The NRN was not legible.</p> <p>Fish remaining on board LSTLV: SWO-17.490t, BUM-3.674t, BIL-5.088t, SKH-7.508t.</p>
20			<p>The fishing logbooks were printed, were not bound and did not display page numbers. Fish remaining on board LSPLV: SKH-75.000t.</p>

TS No.	Vessel Name	ICCAT No.	Comments
21			<p>The LSPLV name on the bow of the vessel was partially painted over with white paint. The name was however still visible at close range due to the weld makings.</p> <p>The fishing logbooks were printed but not bound and did not display the page numbers. Fish remaining on board LSPLV: BFT-44.630t. (319 Pcs), BET-21.258t (638 Pcs), YFT-0.540t (13 Pcs), SWO-0.671t (21 Pcs), ALB-1.362t (78 Pcs), OTF-0.039t (2 Pcs), SKH-3.173t (82 Pcs).</p>
22			<p>PNC report was issued as the LSPLV name was listed in the database as xxx without the No. This was checked during the debriefing and found that the updated ICCAT vessel list did contain the LSPLV with the name xxx.</p> <p>Fish remaining on board LSPLV: BET-6.882t, YFT-5t, BUM-1t, SSP-0.3t, SFA-0.2t, OTF-1t.</p>
23			<p>Fish remaining on board LSPLV: BET-36.5t, YFT-7.093t, SWO-0.892t.</p>
24			<p>Fish remaining on board LSPLV: SWO-2t, BUM-0.350t, SFA-0.300t, SKH-0.740t, OTF-3t.</p>
25			<p>Fish remaining on board LSPLV: BET-37.822t, YFT-1.022t, SWO-13.559t, BUM-0.211t, SFA-0.074t, BIL-0.328t, SKH-0.981t, OTF-1.770t.</p>
26			<p>The LSPLV displayed the name xxx This name was not consistent with the name in the ICCAT list.</p> <p>The LSPLV was not fitted with a VMS unit. The master informed the observer the VMS unit was broken and has not been replaced. A PNC report was issued for the markings not displayed correctly (IIM) and no VMS unit on board (VNP). LSPLV stopped fishing on the 15/03/2014 due main engine problems (drifting and waiting for spare parts to be delivered). The fishing logbook was unprinted and recorded in a notebook. Fish remaining on board LSPLV: ALB-1.013t, MLS-1.716t, SWO-23.959t, SKH-25t.</p>
27			<p>The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: SKH-6.425t, OTF-5.830t.</p>

TS No.	Vessel Name	ICCAT No.	Comments
28			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: BUM-0.490t, SKH-14.293t, Shark Fins-2.169t, OTF-3.763t.
29			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: OTF-11t.
30			The LSPLV maintained an electronic fishing logsheet. Fish remaining on board LSPLV: ALB-1.967t, BIL-0.514t, BIL-0.373t, SKH-27.252t, Shark Fins-3.640t, OTF-3.640t.
31			The fishing logbooks were printed but not bound and the pages numbers were filled in (not printed serial numbers). Fish remaining on board LSPLV: BET-0.960t, SWO-0.148t.
32			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: ALB-0.025t, SWO-5t, BUM-0.060t, BLM-0.1t, BIL-0.1t, SKH-0.7t, SF-0.040t, OTF-0.1t.
33			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: SWO-3.053t, BUM-1.760t, SKH-6.431t, OTF-1.985t.
34			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: ALB-1.750t, BUM-1.114t, SSP-1.525t, SKH-20.990t.
35			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: SKH-35.950t.
36			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: SKH-5.330t, SF-0.095t, OTF-0.392t.
37			The LSPLV did not display the NRN. The fishing logbooks were bound but the pages did not display serial numbers. Fish remaining on board LSPLV: ALB-1.5t, SWO-19.451t, OTF-2t.

TS No.	Vessel Name	ICCAT No.	Comments
38			The LSPLV did not display the NRN. The fishing logbooks were bound but the pages did not display serial numbers. Fish remaining on board LSPLV: ALB-1.2t, SWO-20t, OTF-1.5t.
39			The fishing logbooks were printed but not bound and the pages were not numbered. Fish remaining on board LSPLV: SWO-0.3t, SKH-28t, SF-0.980t, OTF-18t.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The following LSPLV name markings did not concur with the vessel names recorded in the ICCAT vessel list: [...]

The following LSPLVs did not display the vessel NRN: [...]

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs provided in-date ATF and ATT documents. The Korean ATF documents did not provide an English translations.

9 Other Observer Tasks.

9.1 CV waste disposal

All of the garbage was retained on board and some was incinerated.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen or observed during the trip.

9.3 Marine mammals.

No marine mammals were seen or observed during the voyage.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		02/03/2014	10°22 S	004°04 E	Dry cargo.	Yes
		15/03/2014	05°34 S	019°24 W	Dry cargo & bait boxes.	Yes
		20/03/2014	06°27 N	024°37 W	Dry cargo & bait boxes.	Yes
		20/03/2014	06°26 N	024°38 W	Dry cargo & bait boxes.	Yes
		24/03/2014	04°01 N	027°04 W	Bait boxes – 4000.	Yes
		29/03/2014	09°54 N	038°26 W	Dry cargo & frozen food.	Yes
		05/04/2014	04°50 N	023°19 W	Bait boxes -1500, dry cargo and fuel.	Yes

ICCAT

Observer Report



Trip Number:	148-14
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Mzwandile Silekwa
Cruise Dates:	From: 27/02/2014 To 24/04/2014

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capfish, Mzwandile Silekwa (ICCAT no. 106) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.24 (ICCAT no. AT000JPN00571) as the ICCAT observer. He monitored the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 27/02/2014 to 24/04/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	Ise, Mie Prefecture	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Fishing gear:	NA
Size (GRT):	4992 tons	Length (LOA):	124.25 m
Blast freezer capacity:			
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC: JLR-7800; JLR-7700MK II; JLR-6800		
Vessel monitoring system (present):	JRC JUE-95VM INMARSAT-C		
Radar:	JMA-9132-SA, JMA-6503-9		
Communications equipment:	(HF) JRC JSS-800 (VHF) JRC JHS-31 (X2)		
Plotters:	JRC NWU-53		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	27/02/2014
Method of embarkation*	Port Side
Date of departure	27/02/2014
Date of first transshipment	05/03/2014
Date of last transshipment	22/04/2014
Date of return	24/04/2014
Date of disembarkation	24/04/2014
Method of disembarkation*	Port Side
Port of return	Cape Town

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The Carrier Vessel departed Cape Town, South Africa on 27/02/2014 and the observer joined in Cape Town. The vessel contained no tuna products when the observer boarded. The vessel conducted a total of 39 transshipments at sea. The locations are shown in details in

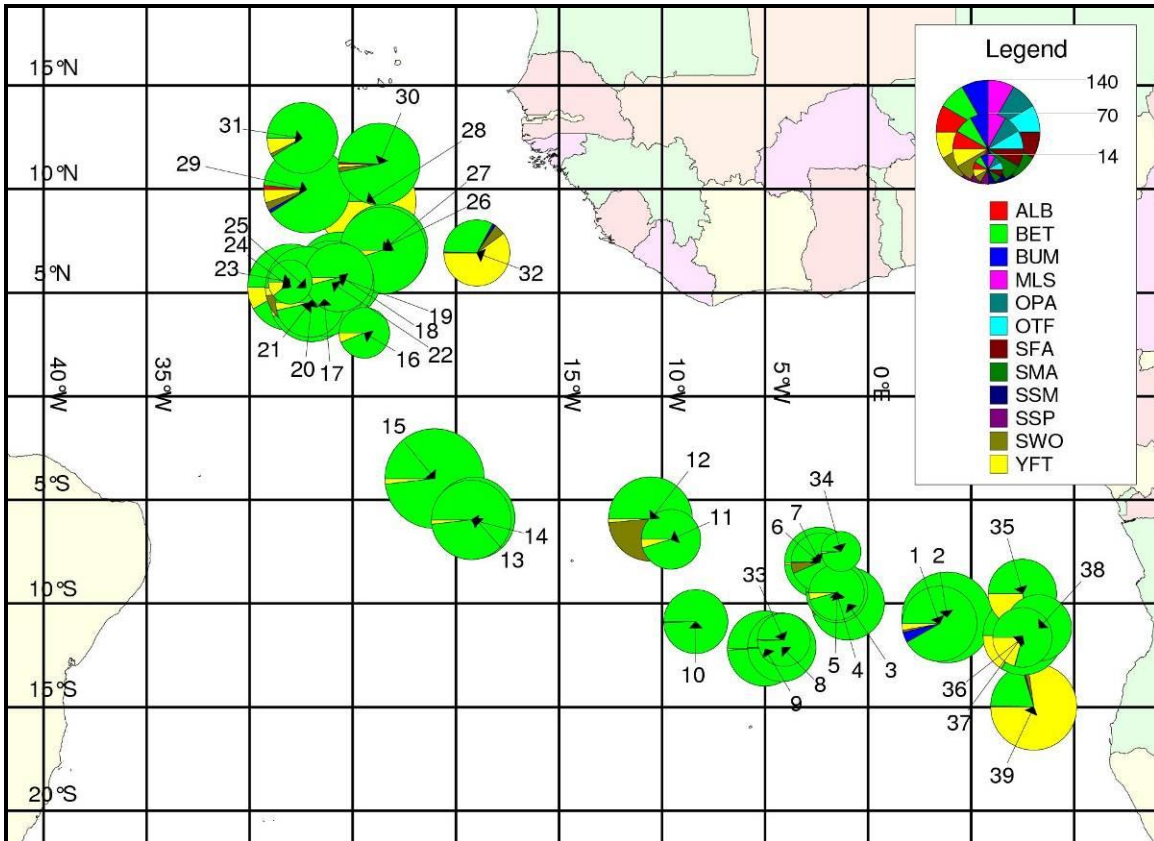


Figure 1; the numbers received by nationality of vessel are given in Table 1.

An in-port transshipment was conducted within the port limits of Walvisbay, Namibia. The transshipment was monitored by Mrs. Selma lita and Mrs. Alfrieda Nghondela from the Namibian Ministry of Fisheries and Marine Resources (NMFMR), Walvis Bay inspectorate. Further detail of the transshipment is provided in in Appendix 1.

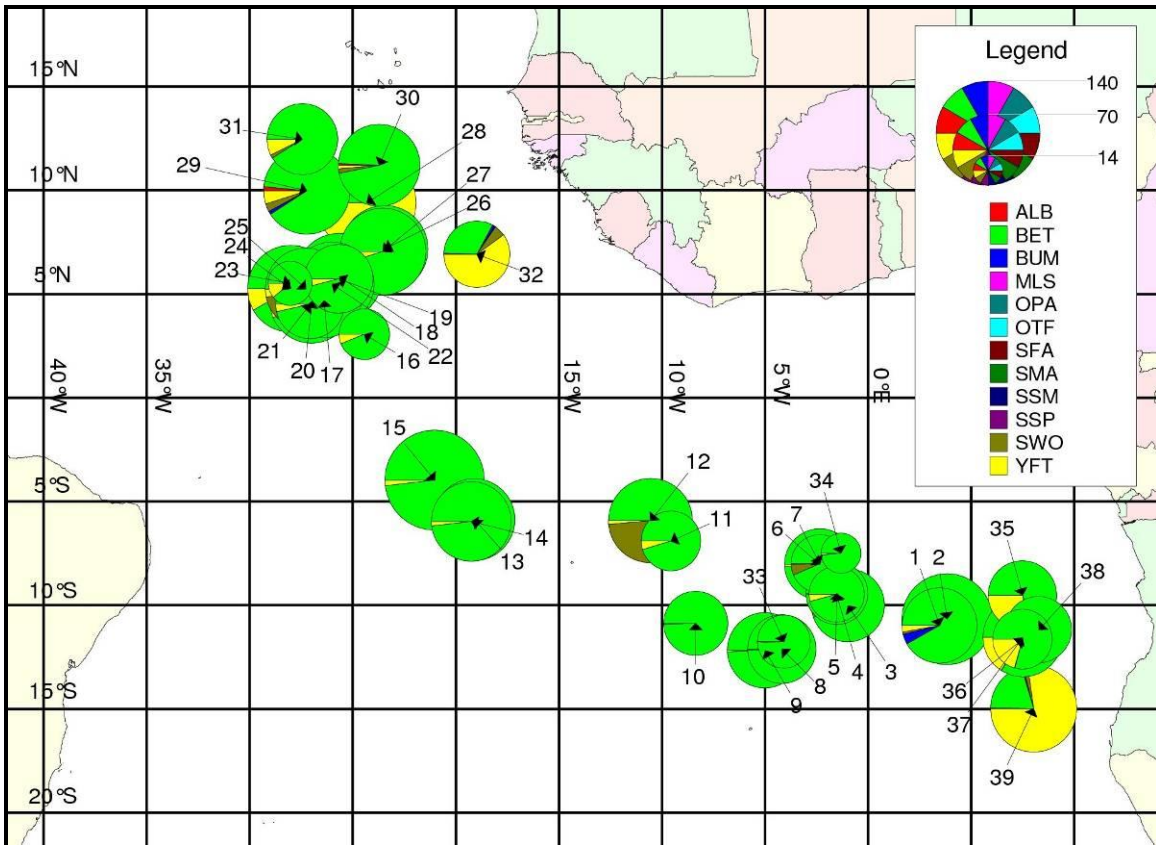


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	19
	16
	4

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transhipment time	% Observed
1				05/03/2014	10°59.39 S	003°28.27 E	03:05	100.00
2				06/03/2014	10°40.43 S	003°49.96 E	03:25	100.00
3				07/03/2014	10°01.12 S	000°58.79 W	03:10	100.00
4				08/03/2014	09°28.43 S	001°32.26 W	03:05	100.00
5				08/03/2014	09°25.57 S	001°31.19 W	02:20	100.00
6				09/03/2014	08°01.59 S	002°20.35 W	03:40	100.00
7				09/03/2014	08°00.24 S	002°20.48 W	02:55	100.00
8				10/03/2014	12°07.48 S	004°11.27 W	03:30	100.00
9				11/03/2014	12°10.96 S	005°00.29 W	03:25	100.00
10				12/03/2014	10°52.85 S	008°22.01 W	02:50	100.00
11				13/03/2014	06°54.87 S	009°33.64 W	02:10	100.00
12				14/03/2014	05°55.85 S	010°33.32 W	03:40	100.00
13				16/03/2014	05°52.95 S	019°06.29 W	03:45	100.00
14				17/03/2014	05°58.37 S	019°15.77 W	03:35	100.00
15				18/03/2014	03°58.93 S	021°01.25 W	06:50	97.56
16				22/03/2014	03°03.06 N	024°26.41 W	01:55	100.00
17				23/03/2014	04°41.74 N	026°23.59 W	04:00	100.00
18				24/03/2014	05°49.93 N	025°38.98 W	02:55	100.00
19				24/03/2014	05°43.77 N	025°40.41 W	02:40	100.00
20				25/03/2014	04°39.11 N	026°59.41 W	04:30	100.00
21				25/03/2014	04°29.65 N	027°04.4 W	03:40	100.00
22				26/03/2014	05°27.83 N	026°00.16 W	03:25	100.00
23				23/03/2014	05°30.43 N	028°02.13 W	01:55	100.00
24				28/03/2014	05°14.97 N	028°00.71 W	05:25	100.00
25				29/03/2014	05°14.12 N	027°16.26 W	03:40	100.00
26				30/03/2014	07°10.83 N	023°26.49 W	06:55	100.00
27				30/03/2014	07°03.04 N	023°32.92 W	03:05	94.59
28				31/03/2014	09°23.41 N	024°19.89 W	04:00	100.00
29				01/04/2014	09°58.76 N	027°13.62 W	04:15	100.00
30				02/04/2014	11°12.09 N	023°43.02 W	03:50	100.00
31				06/04/2014	12°27.8 N	027°27.17 W	03:25	100.00
32				09/04/2014	06°54.48 N	018°58.67 W	03:00	100.00
33				13/04/2014	11°46.01 S	004°05.15 W	01:20	100.00
34				14/04/2014	07°29.72 S	001°19.28 W	01:05	100.00

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transshipment time	% Observed
35				16/04/2014	09°31.5 S	007°29.36 E	02:25	100.00
36				17/04/2014	11°38.73 S	007°29.66 E	02:00	100.00
37				17/04/2014	11°32.86 S	007°29.95 E	03:00	100.00
38				18/04/2014	11°11.33 S	008°16.18 E	02:30	100.00
39				19/04/2014	14°59.5 S	008°01.67 E	02:45	100.00

Comments:

All LSPLVs were boarded for inspection, except for a transshipment conducted within Walvis Bay Port limits (not reflected in table 3). The LSPLV conducting the in-port transshipment was inspected by the MFMR inspectors.

During transshipment number 15, the observer took 10 minute break to have lunch due to the duration of the transshipment which was almost 7 hours.

During transshipment number 27 the observer took 10 minute to have super, since this was the second transshipment of the day, the observer was on deck for 9 hours without breaks.

Table 3 Summary of vessel / observer estimated figures.

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	67.425	71.88	2.172	2.275	0.536	0.774	4.862	3.418	74.995	78.347	3.35	4.28%
2	96.123	102.827	0.747	0.854	0.69	0.541	4.293	3.999	101.853	108.221	6.37	5.88%
3	51.618	70	0	0	4.484	4	0	0	56.102	74	17.90	24.19%
4	44.76	43.1	0.788	1.939	0	0	0	0	45.548	45.039	-0.51	-1.13%
5	57.301	57.307	0.232	0.278	0	0	0	0	57.533	57.585	0.05	0.09%
6	67.881	69.263	0.6464	0.711	0	0	0	0	68.5274	69.974	1.45	2.07%
7	48.028	46.608	0	0.175	3.192	3.08	0	0	51.22	49.863	-1.36	-2.72%
8	67.854	67.719	0.273	0.387	0	0	0	0	68.127	68.106	-0.02	-0.03%
9	77.674	80.385	0.598	0.598	0	0	0	0	78.272	80.983	2.71	3.35%
10	60.374	58.373	0.275	0.459	0	0	0	0	60.649	58.832	-1.82	-3.09%
11	49.074	50.086	2.049	2.547	0	0	0	0	51.123	52.633	1.51	2.87%
12	68.487	70.397	1.673	1.565	23.817	24.119	0	0	93.977	96.081	2.10	2.19%
13	87.257	91	2.147	2.3	0	0	0	0	89.404	93.3	3.90	4.18%
14	79.805	84.945	1.625	1.677	0	0	0	0	81.43	86.622	5.19	5.99%
15	116.7639	125.764	1.5867	2.402	0	0	0	0	118.3506	128.166	9.82	7.66%
16	40.696	37.963	1.15	2.519	0	0	0	0	41.846	40.482	-1.36	-3.37%
17	67.079	74.531	5.73	5.504	0	0	0	0	72.809	80.035	7.23	9.03%
18	91.305	98.5	1.714	1.5	0	0	0	0	93.019	100	6.98	6.98%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
19	57.828	64	3.174	2.8	0	0	0	0	61.002	66.8	5.80	8.68%
20	88.961	91.58	6.01	6.42	0	0	0	0	94.971	98	3.03	3.09%
21	61.881	66	2.8	2.5	0	0	0	0	64.681	68.5	3.82	5.58%
22	87.497	91.511	4.521	4.94	0	0	0	0	92.018	96.451	4.43	4.60%
23	27.341	28.381	2.696	3.554	0	0	0	0	30.037	31.935	1.90	5.94%
24	89.847	90.538	5.839	8.248	0	0	0	0	95.686	98.786	3.10	3.14%
25	75.379	75	3.543	3.009	11.2	12.012	0	0	90.122	90.021	-0.10	-0.11%
26	46.23	75	7.719	25	0	0	0	0	53.949	100	46.05	46.05%
27	93.58674286	96.137	4.389257143	4.814	0	0	0	0	97.976	100.951	2.97	2.95%
28	33.229	29.736	86.84	98.226	4.431	2.773	0.928	0.996	125.428	131.731	6.30	4.78%
29	77.992	89.964	5.407	5.076	2.898	2.898	2.641	2.859	88.938	100.797	11.86	11.77%
30	82.566	89.381	1.916	1.355	1.534	1.644	0.663	0.66	86.679	93.04	6.36	6.84%
31	62.253	66.336	4.646	5.364	1.35	1.152	0	0	68.249	72.852	4.60	6.32%
32	13.457	20.754	44.34	38.116	5.99	3.516	1.262	1.28	65.049	63.666	-1.38	-2.17%
33	37.77	41.92	0.363	0.415	0	0	0	0	38.133	42.335	4.20	9.93%
34	26.754	26.574	0.284	0.446	0	0	0	0	27.038	27.02	-0.02	-0.07%
35	57.066	45.87	7.458	19.273	0.348	0.174	2.073	1.459	66.945	66.776	-0.17	-0.25%
36	47.942	41.691	6.076	10.895	0.426	0.176	0.55	0	54.994	52.762	-2.23	-4.23%
37	84.324	74.043	6.712	13.965	0.328	0.182	0.375	0	91.739	88.19	-3.55	-4.02%
38	54.781	52.613	6.916	10.319	0.345	0.343	0.2	0	62.242	63.275	1.03	1.63%
39	12.406	20.053	76.64	77.285	3.051	1.851	0.827	0.91	92.924	100.099	7.18	7.17%

Comments:

Transshipment 3: The LSPLV, declared a total of 74 tons to be transhipped. The observer estimation calculated a total of 51.10 tons of products transhipped. The observer observed the entire transshipment and no breaks were taken that could have affected the observation. The LSPLV may not have transhipped all the products that were declared. The CV scale recorded 61.71 tons (9.07% more than the observer estimation).

Transshipment 26: The LSPLV declared 100.00 tons (2500 pieces *Thunnus obesus* and 800 pieces *Thunnus albacares*) to be transhipped and the CV scale recorded 99.94 tons. During observations only 1541 *T. obesus* and 247 *T. albacares* were observed. From the average weights calculated from the logbook photograph taken during inspection the observer concluded that the LSPLV might have incorrectly reported the numbers per species to be transhipped.

Transshipment 29: The LSPLV was transferring large strings of small tuna. Each string weighed about 1.8 ton. This made the estimation of the fish numbers very difficult. As a result the observer estimated values were 11 ton less than the declared totals.

Transshipment 35: The LSPLV tally sheet to the CV included 32 bags of other fish (0.480t). This was not reflected on the Transshipment Declaration (TD). The observer estimated 47 bags of other fish totalling 0.715t.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in table 4; a breakdown by transshipment is shown in figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	6.27	0.22%	1.88	0.06%
Other fish		SE	0.49	0.02%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	All	2.63	0.09%	3.11	0.10%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.37	0.05%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1.18	0.04%	2.08	0.07%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	4.85	0.17%	6.65	0.22%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	0.66	0.02%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.56	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	2450.69	86.13%	2577.73	85.29%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.05	0.00%
Marlins, sailfishes, etc.	<i>Istiophoridae</i>	SE	0.18	0.01%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.30	0.01%	0.28	0.01%
Opah	<i>Lampris guttatus</i>	SE	0.29	0.01%	0.36	0.01%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.00	0.00%	0.12	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	0.39	0.01%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	NE	0.22	0.01%	0.09	0.00%
Striped marlin	<i>Tetrapturus audax</i>	N	0.81	0.03%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	SE	0.00	0.00%	0.06	0.00%
Swordfish	<i>Xiphias gladius</i>	All	21.18	0.74%	21.65	0.72%
Swordfish	<i>Xiphias gladius</i>	N	14.67	0.52%	10.12	0.33%
Swordfish	<i>Xiphias gladius</i>	S	28.77	1.01%	27.46	0.91%
Yellowfin tuna	<i>Thunnus albacares</i>	All	311.42	10.94%	369.71	12.23%

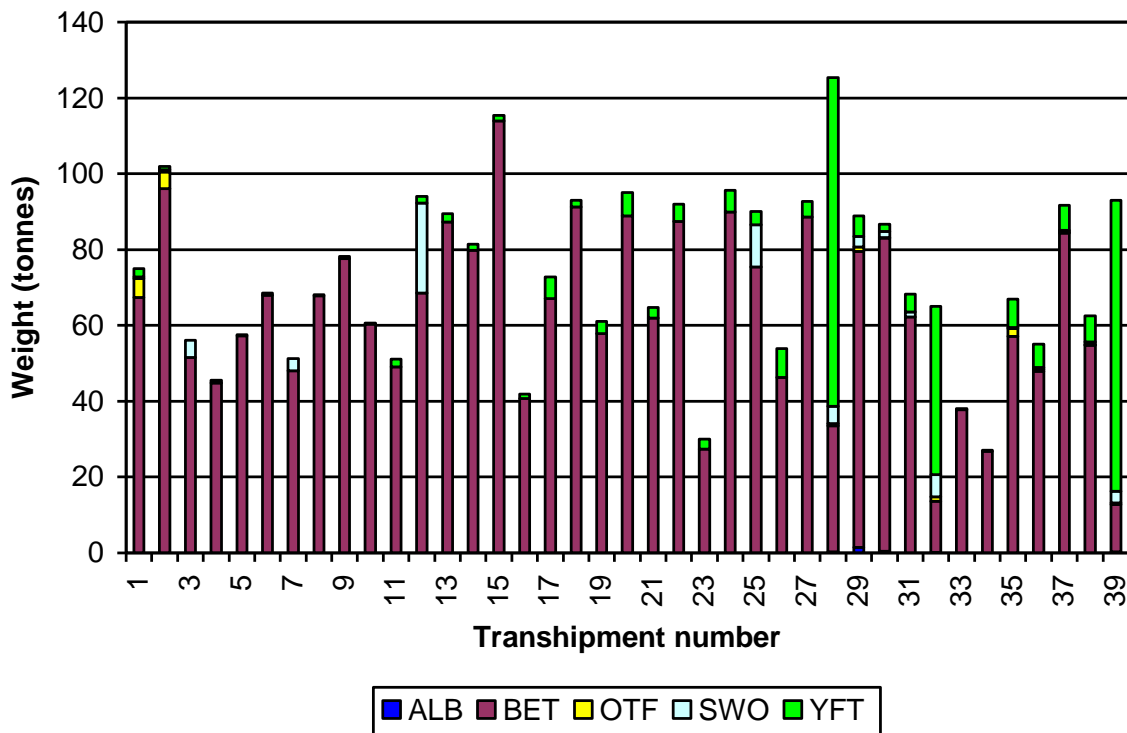


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		16.06
Albacore	<i>Thunnus alalunga</i>	19.74
Atlantic blue marlin	<i>Makaira nigricans</i>	105.69
Bigeye tuna	<i>Thunnus obesus</i>	54.49
Marlins, sailfishes, etc.	<i>Istiophoridae</i>	20.33
Opah	<i>Lampris guttatus</i>	10.50
Shortfin mako	<i>Isurus oxyrinchus</i>	28.57
Striped marlin	<i>Tetrapturus audax</i>	81.20
Swordfish	<i>Xiphias gladius</i>	48.66
Yellowfin tuna	<i>Thunnus albacares</i>	45.67

Comments:

Most LSPLVs transhipped *T. obesus*, *T. albacares* and *X. gladius*. *T. obesus* and *T. albacares* were processed as gilled and gutted (GG). Most of the *X. gladius* was processed as dressed (DR) and a smaller amount of filleted (FL) product. The CV made use of a hook scale attached to the crane. The weight of individual strings was recorded by the CV crew as they were lowered in the hold. The observer made use of a tally counter to estimate the number of product transferred. The observed numbers were then cross-checked with the transshipment declaration from the LSPLV.

7 Southern bluefin tuna transhipments

The Taisei Maru No.24 did not tranship southern bluefin (*Thunnus maccoyii*) during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	05/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	EL	05/03/14
2			Yes	06/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	EL	03/03/14
3			Yes	07/03/14	Yes	Yes	Unk	Yes	Yes	28/11/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	02/03/14
4			Yes	08/03/14	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	07/03/14
5			Yes	08/03/14	Yes	Yes	Unk	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	08/03/14
6			Yes	09/03/14	Yes	Yes	Unk	Yes	Yes	28/02/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	09/03/14
7			Yes	09/03/14	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	08/03/14
8			Yes	10/03/14	Yes	Yes	Unk	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	10/03/14
9			Yes	11/03/14	Yes	Yes	Unk	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	10/03/14
10			Yes	12/03/14	Yes	Yes	Unk	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	10/03/14
11			Yes	13/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	UB	12/03/14
12			Yes	14/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	13/03/14
13			Yes	16/03/14	Yes	Yes	Unk	Yes	Yes	12/01/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	15/03/14
14			Yes	17/03/14	Yes	Yes	Unk	Yes	Yes	31/10/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	16/03/14
15			Yes	18/03/14	Yes	No	Unk	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	Yes	PU	17/03/14
16			Yes	22/03/14	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	20/03/14
17			Yes	23/03/14	Yes	Yes	Unk	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	Yes	PU	22/03/14
18			Yes	24/03/14	No	Yes	Unk	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	Yes	PU	23/03/14
19			Yes	24/03/14	Yes	Yes	Unk	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	Yes	PU	23/03/14
20			Yes	25/03/14	Yes	Yes	Unk	Yes	Yes	08/08/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	24/03/14
21			Yes	25/03/14	Yes	Yes	Unk	Yes	Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	24/03/14
22			Yes	26/03/14	Yes	Yes	Yes	Yes	Yes	08/12/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	25/03/14
23			Yes	23/03/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	27/03/14
24			Yes	28/03/14	Yes	Yes	Unk	Yes	Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	27/03/14
25			Yes	29/03/14	Yes	Yes	Unk	Yes	Yes	19/12/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	26/03/14
26			Yes	30/03/14	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	Yes	PU	28/03/14
27			Yes	30/03/14	Yes	Yes	Unk	Yes	Yes	05/12/14	Yes	Yes	Yes	Yes	Yes	Yes	PB	29/03/14
28			Yes	31/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	EL	30/03/14
29			Yes	01/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	No	Yes	Yes	EL	31/03/14

30	TAIWA MARU No. 88	Japan	Yes	02/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	31/03/14
31	SHOEI MARU No. 7	Japan	Yes	06/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	EL	05/04/14
32	MATSUEI MARU No.88	Japan	Yes	09/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	08/04/14
33	KUANG LI	Chinese Taipei	Yes	13/04/14	Yes	Yes	Unk	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	12/04/14
34	SHUN AN NO.6	Chinese Taipei	Yes	14/04/14	Yes	Yes	Unk	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	12/04/14
35	SUMIYOSHI MARU No. 75	Japan	Yes	16/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	15/04/14
36	SUMIYOSHI MARU No. 10	Japan	Yes	17/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	10/04/14
37	KOYO MARU No. 6	Japan	Yes	17/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	16/04/14
38	TOEI MARU No. 6	Japan	Yes	18/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	17/04/14
39	RYOAN MARU No. 85	Japan	Yes	19/04/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	18/04/14

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments:

The observer completed four Potential Non Compliance (PNC) reports, vessels are listed below.

Transshipment number 15: The LSPLV's logbook was printed but not bound and the pages were not numbered. The date of the last entry was not displayed; instead a 7 day period starting from the 16/03/2014 to the 22/03/2014 was displayed on the last page of the logbook.

Transshipment number 25: The LSPLV was not listed in the ICCAT database, but the vessel was listed as one of the vessels that were scheduled for transshipment in the observer request, with ICCAT number. The observer boarded the vessel for inspection; ATF, ATT and logbook were all in date.

Transshipment number 26: The LSPLV's logbook was printed but not bound and pages were not numbered.

Transshipment number 29: The LSPLV's VMS unit, the ARGOS MAR GE V2's power light was not ON, according to the LSPLV's captain a different unit, a FURUNO COMBINED ANTENNA UNIT was functioning as the VMS.

Transshipment number 32: The LSPLV's logbook was printed but not bound, pages were not numbered. The vessel's particulars (name, registration number, owner...) were not displayed on the logbook; the fields for that information were left blank.

Table 7 **Comments from inspections**

No	LSPLV name	Comments
1		The logbook was electronically completed. Printed, unbound pages of the log were available for inspection. The pages were not numbered, and only stapled together. The LSPLV indicated 1.93 t of "Other fish" (OTF 6 fish) on the tally sheet of the fish to be transshipped. This fish was not included on the transshipment declaration. The observer recorded 1.768t of other fish

No	LSPLV name	Comments
2		The logbook was maintained in an electronic format. The fishing master printed pages of the electronic log for the benefit of the observer's inspection, showing amount of fish catches. The pages were not numbered. The LSPLV indicated 1.861 t of "Other fish" (OTF 148 bags) on the tally sheet of the fish to be transshipped. This fish was not included on the transshipment declaration. The observer recorded 1.868t of other fish.
3		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The number 107 was displayed on the LSPLV's super structure on the wheel house.
4		The logbook was printed and bound with glue strip, pages were numbered, original pages were torn off when filled and kept in an envelope.
5		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed and bound with a glue-strip. The original pages were torn off and kept in an envelope. The logbook pages were numbered.
6		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed and bound with a glue-strip. The original pages were torn off during inspection, packed in an envelope, sealed and handed over to the CV's chief officer.
7		No comment.
8		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The fishing logbook was printed and bound with a glue strip. The pages were numbered and after inspection the logbook was wrapped in a plastic bag, sealed and handed to the CV's chief officer.
9		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel.
10		The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The fishing logbook was printed and bound. The pages were numbered. During the inspection the LSPLV's captain tore out the completed pages and sealed the pages in a plastic bag. This package was handed to the CV's chief officer.

No	LSPLV name	Comments
11		<p>The number was displayed above the wheelhouse. The logbook was a hard cover exercise book</p> <p>Figure 3 Logbook of the xxx</p>
12		<p>The logbook was printed but not bound. The page numbers were displayed in the top right corner, written in pen.</p>
13		<p>The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed and bound with glue strip. The pages were numbered. The VMS was connected to a power switch - which was switched on at the time of the inspection.</p>
14		<p>The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The number 135 was displayed in black on white back ground above the wheelhouse. The logbook was printed and bound with a glue strip. The pages were numbered.</p>
15		<p>The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed but not bound. The last page indicated the page was for the 7 day period from the 16/03/2014 to the 22/03/2014. Due to the format of the logbook and the exclusive use of oriental characters, the observer could not determine the last date of entry. The logbook pages were not numbered. The VMS was connected to a power supply switch. This switch was switched on during the inspection.</p> <p>Figure 4 The VMS of the xxx was fitted with a power switch.</p>
16		<p>The number xxx was displayed above the wheel house of the LSPLV.</p>
17		<p>The observer could not verify if the NRN displayed by the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed and unbound. The loose pages were retained in an arch file. The pages were not numbered.</p>

No	LSPLV name	Comments
18		<p>The LSPLV's name was displayed as "xxx". The ICCAT database provided the LSPLV's name as "yyy".</p> <p>Figure 5 The name markings of the xxx</p> <p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed but not bound and the pages were not numbered. The VMS was connected to a power supply switch that was switched on during inspection.</p>
19		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The logbook was printed and unbound. The loose pages were kept in an arch file and pages were not numbered. The VMS was connected to a power supply switch that was switched on during inspection.</p>
20		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The number 0155 was displayed on the sides of the wheel house. The logbook was printed and bound with a glue strip. The pages were not numbered. After inspection the completed pages were handed to the CV chief officer.</p>
21		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The number 154 was displayed on the side of the wheel house. The logbook was printed and bound with a glue strip. The pages were not numbered.</p>
22		<p>The logbook was printed and bound with a glue strip and the pages were numbered. The number 081 was displayed on the superstructure behind the wheel house.</p>
23		<p>The LSPLV's registration number was not displayed on the LSPLV. The logbook was printed and bound. The pages were numbered In pen as the book when the sheets were completed (not printed).</p>
24		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel. The number 153 was displayed on the superstructure of the wheel house. The logbook was printed and bound with a glue strip, pages were numbered. After the inspection was completed the completed pages were handed to the CV chief officer.</p>

No	LSPLV name	Comments
25		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel.</p> <p>The logbook was printed and bound with a glue strip and the pages were numbered. The last date entry was recorded as "104/3/26". According to the conversion tables this date is in the future (26/03/2015).</p>
26		<p>The logbook was printed but not bound and pages were not numbered.</p> <p>The LSPLV's IMO number was displayed on the side, just behind the wheel house.</p>
27		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel.</p> <p>The logbook was printed and bound with a glue strip and the pages were numbered. The number 0145 was displayed on the structure behind the wheel house.</p> <p>The vessel's previous port of registration was still visible on the stern, even though painted over and changed.</p>
28		<p>The logbook was printed from the electronic log and was not bound. The pages were stored in a plastic sleeve and the pages were numbered.</p> <p>The vessel's IMO number was displayed on the side of the vessel.</p>
29		<p>The LSPLV's ARGOS VMS unit power light was not on. The observer was informed that the LSPLV was being tracked with the INMARSAT C unit that was functioning as the VMS. A photograph of the FURUNO COMBINED ANTENNA UNIT was taken on top of the wheel house.</p> <p>Figure 6 The VMS equipment of the xxx</p> <p>An electronic fishing logbook was kept. The fishing log was also printed and the unbound pages were kept in a plastic sleeve. The pages were not numbered.</p>
30		<p>The logbook was printed and bound in a clip file, pages were numbered. The LSPLV's IMO number and the number xxx were displayed on the wheel house just below the registration number.</p>
31		<p>The logbook was maintained electronically. The logsheets were also printed and retained in a clip file. The pages were numbered.</p> <p>The LSPLV's IMO and ICCAT numbers were displayed on alongside the vessel's registration number. The vessel only had the Japanese version of ATF on board.</p>
32		<p>The vessel's logbook was printed but not bound and the pages were not numbered. The LSPLV's particulars (name, registration number, and company name) were not displayed on the logbook all the fields for that information were left blank. The logbook consisted only of three loose pages.</p>

No	LSPLV name	Comments
33		<p>The observer could not verify if the NRN displayed on the LSPLV was the same as the ICCAT record because the ICCAT vessel list did not provide the NRN for this vessel.</p> <p>The logbook was printed, bound and the pages were numbered. After the observer's inspection, the original pages of the logbook were torn off and packaged in sealed pack to be sent back to fisheries authorities.</p>
34		<p>The LSPLV's registration number displayed by the LSPLV was not displayed in the ICCAT database. Therefore it could not be verified as correct or incorrectly displayed on the LSPLV.</p> <p>The logbook was printed and bound with a glue strip. The pages were numbered. The original pages were torn off after inspection and handed to the CV chief officer.</p>
35		<p>The vessel's IMO number was displayed below the vessel's registration number.</p> <p>The LSPLV was maintaining the fishing log electronically. The logbook was also printed retained in a ring binder. Each page was numbered (1/1 etc.).</p> <p>The LSPLV tally sheet to the CV included 32 bags of other fish (0.480t). This was not reflected on the TD. The observer estimated 47 bags of other fish totalling 0.715t.</p>
36		<p>The vessel's IMO number was displayed on the side of the vessel, below the registration number.</p> <p>The LSPLV maintained an electronic logbook. The pages of the logbook was also printed and retained in a clip file. The pages were not numbered.</p>
37		<p>The LSPLV's IMO number was displayed below the vessel's registration number.</p> <p>The LSPLV did not display the IRCS on the sides of the vessel. The IRCS was only displayed on the bow deck and was only visible from above.</p> <p>The LSPLV maintained an electronic logbook. The pages of the logbook was also printed and retained in a clip file. The pages were numbered (in pen) on the printed logsheets.</p>
38		<p>The logbook was maintained electronically. The sheets were printed from the log was retained in a clip file and the pages were numbered.</p> <p>The LSPLV's IMO number was displayed on the side, alongside the registration number.</p>
39		<p>The logbook was maintained electronically. The sheets were printed from the log was retained in a clip file and the pages were numbered.</p> <p>The number xxx was displayed on the side of the vessel with yellow characters on a red and black background.</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLV xxx did not display the vessel's NRN.

The LSPLV xxx displayed the vessel name as "xxx". The ICCAT database displayed the LSPLV's name as "yyy" (Figure. 5).

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs provided in-date ATF documents.

During transshipment number 29, the LSPLV's ARGOS VMS unit's power light was not on. The observer was told a different device was functioning as a VMS (See Figure 6). The alternative unit aerial was marked as "FURUNO COMBINED ANTENNA UNIT" and was mounted on top of the wheel house. This unit was not listed on the observer's reference guide of known VMS units.

9 Other Observer Tasks.

9.1 CV waste disposal

Waste was separated throughout the voyage. An incinerator was used to burn cardboard boxes and paper and the ashes were kept in one of the drums for disposal ashore. Non-biodegradable waste was retained on board to be disposed in port.



Figure 7 Waste disposal drums on the Taisei Maru No.24

9.2 Unidentified or IUU vessels

No IUU vessels sighted for this trip.

9.3 Marine Mammals.

A pod of eight adult common dolphins (*Delphinus delphis*) were sighted on the 3/4/2014 in position 14 26.38'N and 023 59.57'W. The CV was steaming to Cape Verde at the

time: The dolphins were swimming in the north-easterly direction, very fast, leaping up in the air, making twisting movements as they did.

A pod of about 10 common dolphins (*D. delphis*) was sighted during transshipment on 6/04/2014 at position 12 27.8'W and 027 27.17'W. The dolphins appeared to be feeding on a school of fish as they were not swimming in any particular direction; they were just diving in and appearing for breath.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
03/04/2014	17:20	14 26.38'N	023 59.57'W	Common Dolphin	8	Swimming and jumping
06/04/2014	09:30	12 27.8'N	027.27.17'W	Common Dolphin	10	Feeding

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices –

Appendix 1 In-Port transhipment conducted within port limits of Walvis Bay, Namibia.

TS. No.	DATE	LSPLV	ICCAT No.	LOCATION		FLAG	Transhipped fish (Mt's)					
				LAT.	LONG.		BFT	BET	YFT	ALB	SWO	OTF
40	22/04/2014			22 52.95'S	014 27.98'E	Japan	0.00	45.35	0.82	2.97	1.68	2.72

Comments: The CV arrived in Walvis Bay, Namibia on the 22/04/2014, the LSPLV come alongside at 06:45, the 2 vessels anchored in position 22 52.95'S and 014 27.98'E for In Port transhipment that was monitored by 2 Namibian Fisheries inspectors. The table above summarises the transhipment as per transhipment declaration. The CV left anchor position on 22/04/2014 at 11:30.

Appendix 2 Non ICCAT transhipments

VESSEL			POSITION		TRANSHIPMENT			
Name	C/ Sign	ICCAT No.	Lat.	Long.	Date	Start	End	Transhipped
			13 00.01'S	006 40.07'E	3/3/2014	11:15	12:30	Fuel and Supplies
			11 00.04'S	004 00.5'E	4/3/2014	05:55	07:30	Fuel and Supplies
			11 26.5'S	003 59.7'E	4/3/2014	07:50	09:10	Fuel and Supplies
			10 59.39'S	003 28.27'E	5/3/2014	11:10	11:40	Fuel and Supplies
			10 53.34'S	003 25.34'E	5/3/2014	12:10	13:30	Fuel and Supplies
			10 40.43'S	003 49.96'E	6/3/2014	11:35	15:20	Fuel and Bait
			10 01.12'S	000 58.79'W	7/3/2014	12:15	13:00	Bait
			12 07.48'S	004 11.27'W	10/3/2014	12:55	15:30	Bait and Fuel.
			12 10.96'S	005 00.29'W	11/3/2014	10:20	12:40	Bait and Supplies
			10 52.85'S	008 22.01'W	12/3/2014	09:50	13:25	Bait and Fuel
			06 54.87'S	009 33.64'W	13/3/2014	09:10	11:35	Bait and Supplies
			05 55.85'S	010 33.32'W	14/3/2014	10:45	13:50	Bait and Fuel
			05 52.95'S	019 06.29'W	16/3/2014	11:15	14:00	Bait and Supplies
			05 58.37'S	019 15.77'W	17/3/2014	11:10	14:05	Bait and Supplies
			03 58.93'S	021 01.25'W	18/3/2014	14:40	17:40	Bait and Supplies
			04 43.81'N	015 58.87'W	20/3/2014	06:40	09:40	Fuel and Supplies
			05 46.57'N	020 25.72'W	21/3/2014	06:15	07:55	Bait and Supplies
			05 45.31'N	020 30.46'W	21/3/2014	08:45	12:00	Fuel
			05 33.66'N	020 25.10'W	21/3/2014	13:40	15:55	Fuel
			03 03.06'N	024 26.41'W	22/3/2014	13:05	14:10	Bait and Supplies
			04 41.74'N	026 23.59'W	23/3/2014	11:05	13:30	Bait and Supplies
			05 49.93'N	025 38.98'W	24/3/2014	09:45	11:10	Bait and Supplies

VESSEL			POSITION		TRANSHIPMENT			
Name	C/ Sign	ICCAT No.	Lat.	Long.	Date	Start	End	Transhipped
			05 43.77'N	025 40.41'W	24/3/2014	14:40	15:50	Supplies
			04 39.11'N	026 59.41'W	25/3/2014	11:25	13:55	Bait and Supplies
			04 27.83'N	026 00.16'W	26/3/2014	10:25	14:10	Bait and Supplies
			05 30.43'N	028 02.13'W	27/3/2014	09:40	12:05	Bait and Supplies
			05 14.97'N	028 00.71'W	28/3/2014	12:45	18:00	Bait and Supplies
			05 14.12'N	027 16.26'W	29/3/2014	10:50	13:15	Bait and Supplies
			07 10.83'N	023 26.49'W	30/3/2014	15:10	15:20	Supplies
			09 23.41'N	024 19.89'W	31/3/2014	10:50	13:15	Bait and Supplies
			09 58.76'S	027 13.62'W	01/4/2014	07:25	11:50	Fresh water
			08 22.04'S	019 56.14'W	08/4/2014	06:35	09:10	Bait and Oil Drums
			06 58.06'N	018 59.22'W	09/4/2014	06:10	08:45	Bait and fuel
			06 54.48'N	018 58.67'W	09/4/2014	12:45	16:00	Bait and fuel
			09 31.50'S	007 29.36'E	16/4/2014	05:30	08:15	Fuel
			09 30.61'S	007 28.49'E	16/4/2014	08:30	09:25	Fuel
			11 38.73'S	007 29.66'E	17/4/2014	06:00	07:15	Fuel
			11 32.86'S	007 29.95'E	17/4/2014	08:50	10:00	Fuel
			11 13.67'E	008 15.95'E	18/4/2014	05:35	07:10	Fuel
			11 11.33'S	008 16.18'E	18/4/2014	07:30	09:00	Fuel
			14 59.50'S	008 01.67'E	19/4/2014	06:05	07:10	Fuel

Comments:

The table shows all the non-ICCAT transhipments that were conducted by the CV during this voyage. Supplies included Dry Cargo, food supplies and vegetables, bags of rice, beverages and fishing gear.

ICCAT

Observer Report



Trip Number:	149/14
Vessel Name:	Meita Maru
ICCAT Ref. No.	AT000JPN00574
Observer Name:	Anthony Donnelly
Cruise Dates:	From: 01/04/2014 To: 27/04/2014

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line and Marine Resources Assessment Group, Anthony Donnelly (ROP036) joined the Vanuatu registered Carrier Vessel (CV) Meita Maru (AT000JPN00574) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 01/04/2014 to 27/04/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Meita Maru	Call sign:	YJQE8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,492.1m ³
Size (GRT):	3,802 Imp Ton	Length (LOA):	106.9m
On-board acoustic equipment:	N/A		
Position fixing equipment:	GPS: JRC JLR 7700 Mk II (2 Off)		
Vessel monitoring system (present/absent):	Present		
Radar (2 off):	Tokimec BR 2500 27 Keiki BR 3200 X29 M		
Communications equipment:	HF/MF: JRC NCH 700 VHF: JRC JHC 31 Inmarsat: JRC NDZ 127 C Navtex: JRC NCR 300 R		
Plotters:	Charts		
Tuna products already on board (Quantity)	Zero		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Durban S.A.
Date of embarkation	31/03/2014
Method of embarkation*	Portside
Date of departure	01/04/2014
Date of first transshipment	11/04/2014
Date of last transshipment	18/04/2014
Date of return	27/04/2014
Date of disembarkation	27/04/2014
Method of disembarkation*	Portside
Port of return	Tangiers

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of five transhipments at sea. The locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

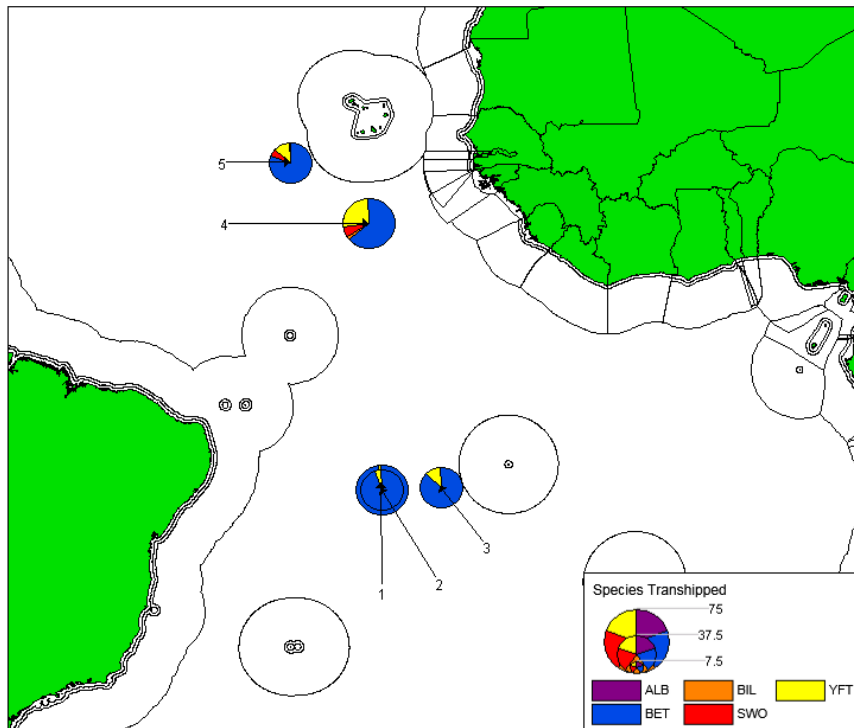


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	3
	2

Comments:

A single non ROP transhipment occurred (appendix 1)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Vessel Name	ICCAT reference number	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	Observer coverage
1				Yes	11/04/2014	09°36 S	23°06 W	02:15	100.00%
2				Yes	11/04/2014	09°37 S	23°07 W	03:45	100.00%
3				Yes	12/04/2014	09°29 S	19°02 W	02:30	100.00%
4				Yes	16/04/2014	08°40 N	24°01 W	03:20	100.00%
5				Yes	18/04/2014	12°54 N	29°24 W	02:35	100.00%

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	46.0	44.0	2.6	2.5	0	0	0	0	48.6	46.5	-2.10	-4.52%
2	69.8	70.4	1.8	1.7	0	0	0	0	71.6	72.1	0.50	0.69%
3	55.7	52.0	8.6	8.0	0	0	0	0	64.3	60.0	-4.30	-7.17%
4	46.7	46.9	20.6	21.0	7.3	4.8	1.4	1.9	76.0	74.6	-1.40	-1.88%
5	49.0	47.5	8.3	8.2	3.7	3.8	0.4	0.4	61.4	59.9	-1.50	-2.50%

Comments:

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	0.60	0.19%	0.60	0.19%
Atlantic blue marlin	<i>Makaira nigricans</i>	1.20	0.37%	1.70	0.54%
Bigeye tuna	<i>Thunnus obesus</i>	267.20	83.01%	260.80	83.30%
Swordfish	<i>Xiphias gladius</i>	11.00	3.42%	8.60	2.75%
Yellowfin tuna	<i>Thunnus albacares</i>	41.90	13.02%	41.40	13.22%

Figure 2 Proportions, by weight, of fish species transferred by transshipment.

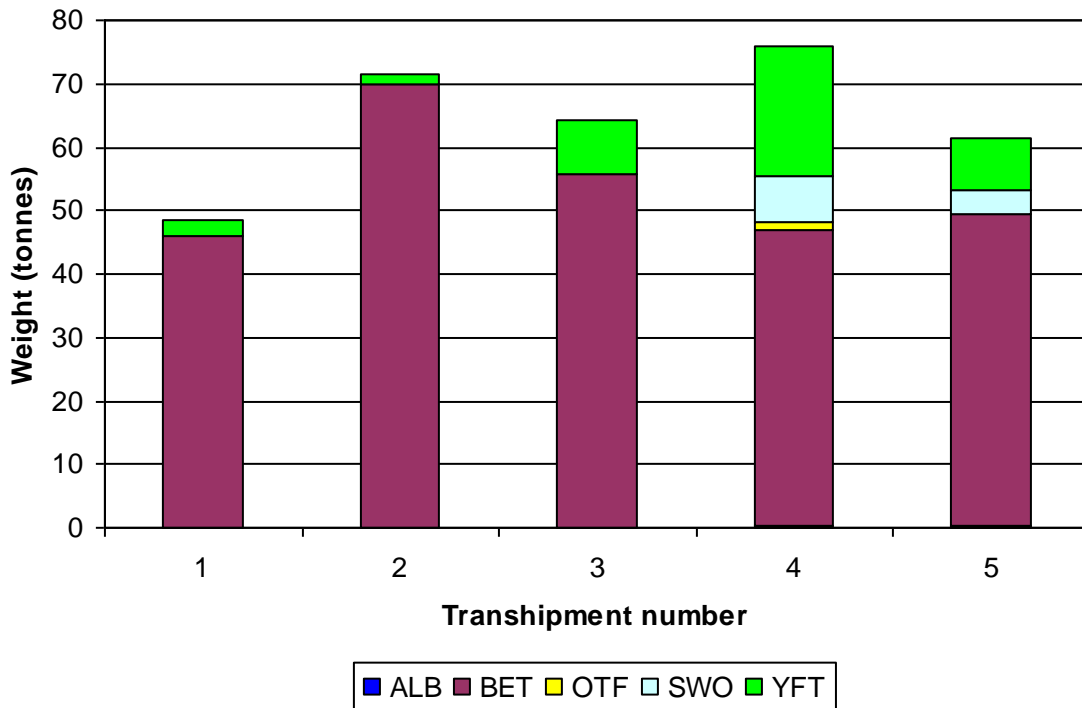


Table 5 Average weight of fish transhipped by species

Common name	Scientific name	Average weight (Kg)
Albacore	<i>T. alalunga</i>	20.00
Atlantic blue marlin	<i>M. nigricans</i>	70.59
Bigeye tuna	<i>T. obesus</i>	48.72
Swordfish	<i>X. gladius</i>	60.44
Yellowfin tuna	<i>T. albacares</i>	46.20

Comments:

The most commonly transferred fish were big eye (*T. obesus*) and yellowfin tuna (*T. albacares*). Both these fish were presented gutted and gilled. Smaller numbers of albacore (*T. alalunga*) were presented whole. Swordfish (*X. gladius*) were presented both dressed and filleted. Atlantic blue marlin (*M. nigricans*) were always presented dressed.

Average weight of each species was established by dividing declared weights by declared numbers. Declared average weights were multiplied by observed numbers of fish to estimate total observed weight of each species.

Shark fins were observed drying on the deck of Seiko Maru No.52 (Figure 3).

7 Southern bluefin tuna transhipments

No southern bluefin tuna were transhipped during the deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	11/04/14	Yes	Yes	U/K	Yes	Yes	16/09/14	Yes	Yes	Yes	Yes	Yes	PB	10/04/14
2			Yes	11/04/14	Yes	Yes	U/K	Yes	Yes	04/06/14	Yes	Yes	Yes	Yes	Yes	PB	10/04/14
3			Yes	12/04/14	Yes	Yes	U/K	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	12/04/14
4			Yes	16/04/14	Yes	Yes	U/K	Yes	Yes	31/01/17	Yes	Yes	Yes	Yes	Yes	PB	15/04/14
5			Yes	18/04/14	Yes	Yes	U/K	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	17/04/14

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 7 Comments from inspections

Although not included as a PNC at the time as the vessel was clearly identifiable, the vessel name on the bow of SEIKO MARU NO.52 was partially obscured (Figure 3)

Figure 3 Partially obscured name on bow of xxx, note also fins hanging and drying on back of deck.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
None						

8.1 Verifying vessel name / RFMO number and National Registration Number

No problems were encountered regarding LSPLV physical or documented identification.

8.2 Issues with Fishing Licence, logbooks or VMS

No problems were encountered concerning fishing licences, logbooks or VMS units.

9 Other Observer Tasks.

9.1 CV waste disposal

Meita Maru had in place a comprehensive waste recycling scheme with bins provided for paper, cans, bottles, plastic, food and general waste (Figure 4). An incinerator was used for disposing of paper and appropriate materials Figure 5.



Figure 4 Bins for recycling and waste storage



Figure 5 Incinerator

9.2 Unidentified or IUU vessels

No IUU vessels were seen during the deployment.

9.3 Marine mammals.

No marine mammals were seen during the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	IRCS	Reg No	RFMO No	Date	Position	Bait (t)	Food (t)
				12/04/2014	09'29'S 19'02'W	53.3	12

ICCAT

Observer Report



Trip Number:	150-14
Vessel Name:	Futagami
ICCAT Ref. No.	AT000JPN00572
Observer Name:	Edmund Fred Higgins
Cruise Dates:	From: 27/03/2014 to 9/05/2014

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capfish, Edmund Higgins (ROP No.110), joined the Vanuatu registered Carrier Vessel (CV) Futagami (RFMO No.AT000JPN00572) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 27/03/2014 to 09/05/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	FUTAGAMI	Call sign:	YJQJ8
Port of registration:	VANUATU	Flag State:	VANUATU
Owner:	NAVISA MARITIME	Charterer:	TOEI REEFER
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2000 MT
Size (GRT):	2581	Length (LOA):	88.94
On-board acoustic equipment:		FURUNO	
Position fixing equipment:		FURUNO, JRC, ANRITSU	
Vessel monitoring system (present/absent):		ARGOS ID:68742	
Radar:		2 x FURUNO	
Communications equipment:		E-mail, FAX, SAT PHONE, INMARSAT, HF, MW, VHF-Radios	
Plotters:		No	
Tuna products already on board (Quantity)		0	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	27/04/2014
Method of embarkation*	In Port (Dockside)
Date of departure	27/03/2014
Date of first transshipment	29/03/2014
Date of last transshipment	07/05/2014
Date of return	09/05/2014
Date of disembarkation	09/05/2014
Method of disembarkation*	In Port (Dockside)
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of twenty-one transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

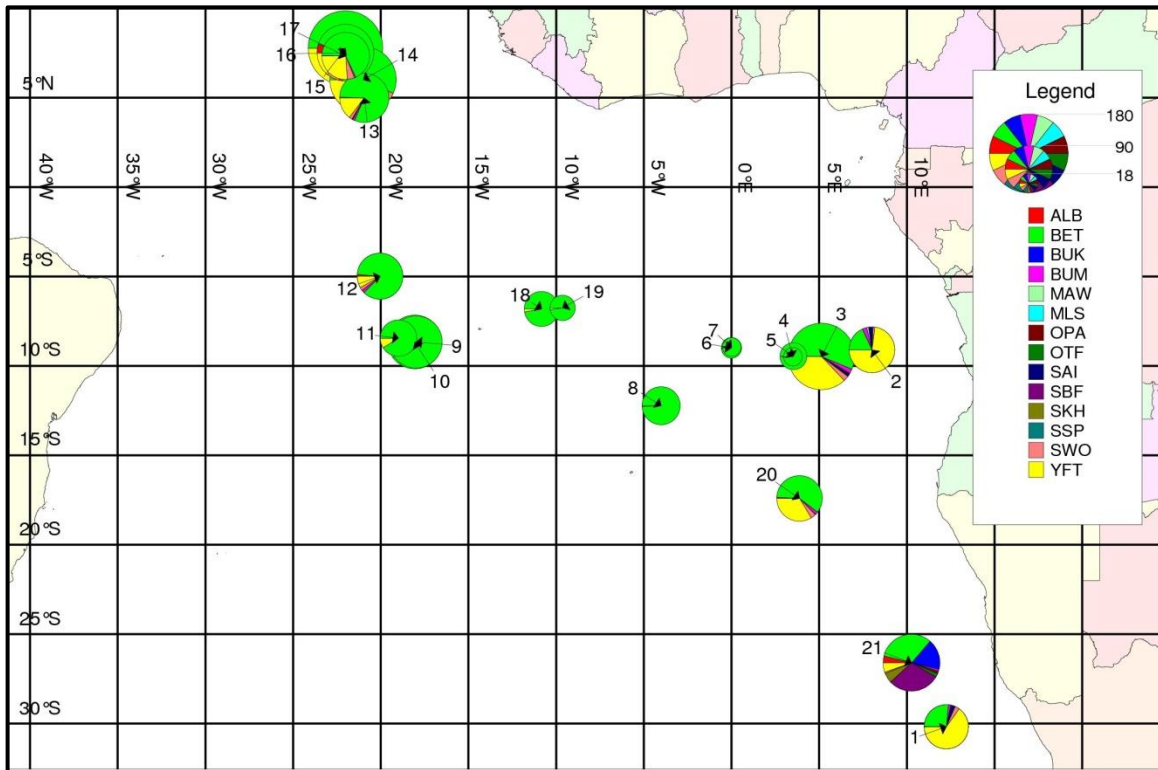


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	7
	11
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	29/03/2014	30°11.56 S	012°15.1 W	02:43	100.00%
2				Yes	04/04/2014	09°06.91 S	008°00.61 E	04:42	100.00%
3				Yes	05/04/2014	09°29.16 S	005°07.5 E	07:30	100.00%
4				Yes	06/04/2014	09°30.10 S	003°30.6 E	00:55	100.00%
5				Yes	06/04/2014	09°28.18 S	003°32.04 E	01:33	100.00%
6				Yes	07/04/2014	08°59.72 S	000°00.33 E	01:08	100.00%
7				Yes	07/04/2014	08°57.73 S	000°00.87 E	00:43	100.00%
8				Yes	08/04/2014	12°14.12 S	004°00.62 W	03:06	100.00%
9				Yes	11/04/2014	08°39.87 S	017°59.19 W	02:48	100.00%
10				Yes	12/04/2014	08°40.25 S	018°03.65 W	04:37	100.00%
11				Yes	13/04/2014	08°27.35 S	018°59.17 W	01:23	100.00%
12				Yes	14/04/2014	04°59.43 S	020°01.95 W	03:31	100.00%
13				Yes	16/04/2014	04°58.72 N	020°56.81 W	04:04	100.00%
14				Yes	17/04/2014	05°59.68 N	021°00.48 W	07:00	100.00%
15				Yes	18/04/2014	07°46.13 N	022°00.91 W	09:20	100.00%
16				Yes	19/04/2014	07°30.25 N	022°00.01 W	08:21	100.00%
17				Yes	19/04/2014	07°19.00 N	022°00.17 W	04:30	100.00%
18				Yes	29/04/2014	06°49.53 S	010°49.42 W	01:24	100.00%
19				Yes	30/04/2014	06°45.54 S	009°37.51 W	02:30	100.00%
20				No	04/05/2014	17°25.37 S	003°53.10 E	03:22	100.00%
21				Yes	07/05/2014	26°37.42 S	010°16.30 E	06:23	100.00%

Comments: xxx (Transhipment No.20) was not inspected. Due to bad weather conditions the Captain advised the observer not to board the LSPLV.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	4.368	18.877	62.348	46.936	2.052	2.373	3.139	4.037	71.907	72.223	0.32	0.44%
2	3.09	14.311	70.266	57.411	1.452	1.005	5.746	6.083	80.554	78.81	-1.74	-2.21%
3	75.24	82.841	58.098	54.638	3.717	3.857	5.385	5.876	142.44	147.212	4.77	3.24%
4	15.498	15.554	0	0.173	0	0	0	0	15.498	15.727	0.23	1.46%
5	31.423	31.17	0.355	0.497	0	0	0	0	31.778	31.667	-0.11	-0.35%
6	19.008	18.632	0	0.368	0	0	0	0	19.008	19	-0.01	-0.04%
7	17.464	17	0	0.2	0	0	0	0	17.464	17.2	-0.26	-1.53%
8	54.739	54.074	0	0.429	0	0	0	0	54.739	54.503	-0.24	-0.43%
9	82.908	93	0.532	2	0	0	0	0	83.44	95	11.56	12.17%
10	68.552	90	3.034	9.7	0	0	0	0	71.586	99.7	28.11	28.20%
11	48.235	45.5	2.322	4.5	0	0	0	0	50.557	50	-0.56	-1.11%
12	75.708	66.626	2.124	6.539	1.672	1.81	2.172	2.618	81.676	77.593	-4.08	-5.26%
13	81.512	70.577	3.731	12.84	1.818	1.611	1.593	1.969	88.654	86.997	-1.66	-1.90%
14	92.426	84.014	34.605	59.516	7.07	4.556	0	0	134.101	148.086	13.99	9.44%
15	113.56	113.556	43.35	53.395	3.595	3.945	5.472	5.882	165.977	176.778	10.80	6.11%
16	93.056	82	9.984	16	7.628	8.378	8.091	8.092	118.759	114.47	-4.29	-3.75%
17	62.823	55.092	7.498	21.396	3.612	3.872	1.32	1.171	75.253	81.531	6.28	7.70%
18	43.632	44.585	0.312	1.391	0	0	0	0	43.944	45.976	2.03	4.42%
19	26.1	26.035	0.663	0.66	0	0	0	0	26.763	26.695	-0.07	-0.25%
20	57.024	47.332	12.831	26.761	2.807	2.856	2.572	2.619	75.234	79.568	4.33	5.45%
21	35.555	36.603	4.094	6.154	0.969	0.809	29.64	34.611	104.446	111.686	7.24	6.48%

Comments: The observer used the figures (number of fish and weight) supplied by the LSPLV to calculate the average weight per species. Transshipment no.9 and Transshipment no.10 used a transshipment method where the fish was first hoisted from the fish hold of the LSPLV to the deck of the LSPLV and then transhipped from there to the CV. The average number of fish per string transhipped to the CV was 13 and 9 respectively. The observer had a clear view of the decks of both LSPLVs and was able to obtain a good first and second count. The Captains of both these vessels did not have the figures (number of fish) available at the time of the on-board inspection before the transshipments started and supplied the numbers of fish per species at a later stage when the transshipments were already underway. The percentage weight difference of 12.17% and 28.20% were due to the difference in the number of fish recorded by the observer and the number of fish supplied by the LSPLVs. The Captain of the CV was satisfied with the weights declared when he compared the declared weights with the space occupied in the hold of the CV.

For transshipment no.21 an amount of 33.509 t of southern bluefin tuna (*Thunnus maccoyii*) was declared. This component is included in the column other for the vessel in Table 3.

6 Species and weight transferred

The CV contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name		Observed		Declared	
			Weight	%	Weight	%
Other		All	3.27	0.21%	2.64	0.16%
Albacore	<i>Thunnus alalunga</i>	All	10.07	0.65%	12.84	0.79%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	21.65	1.39%	21.26	1.30%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	5.77	0.37%	5.65	0.35%
Bigeye tuna	<i>Thunnus obesus</i>	All	1101.92	70.92%	1107.38	67.92%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	15.58	1.00%	19.65	1.21%
Opah	<i>Lampris guttatus</i>	All	2.63	0.17%	2.99	0.18%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	0.39	0.02%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	34.19	2.20%	33.51	2.06%
Striped marlin	<i>Tetrapturus audax</i>	All	0.46	0.03%	0.85	0.05%
Swordfish	<i>Xiphias gladius</i>	All	36.39	2.34%	35.07	2.15%
Various sharks nei	<i>Selachimorpha(Pleurotre mata)</i>	All	5.49	0.35%	6.38	0.39%
Spanish mackerel	<i>Scomberomorus tritor</i>	All	1.54	0.10%	1.82	0.11%
Yellowfin tuna	<i>Thunnus albacares</i>	All	316.15	20.35%	381.50	23.40%

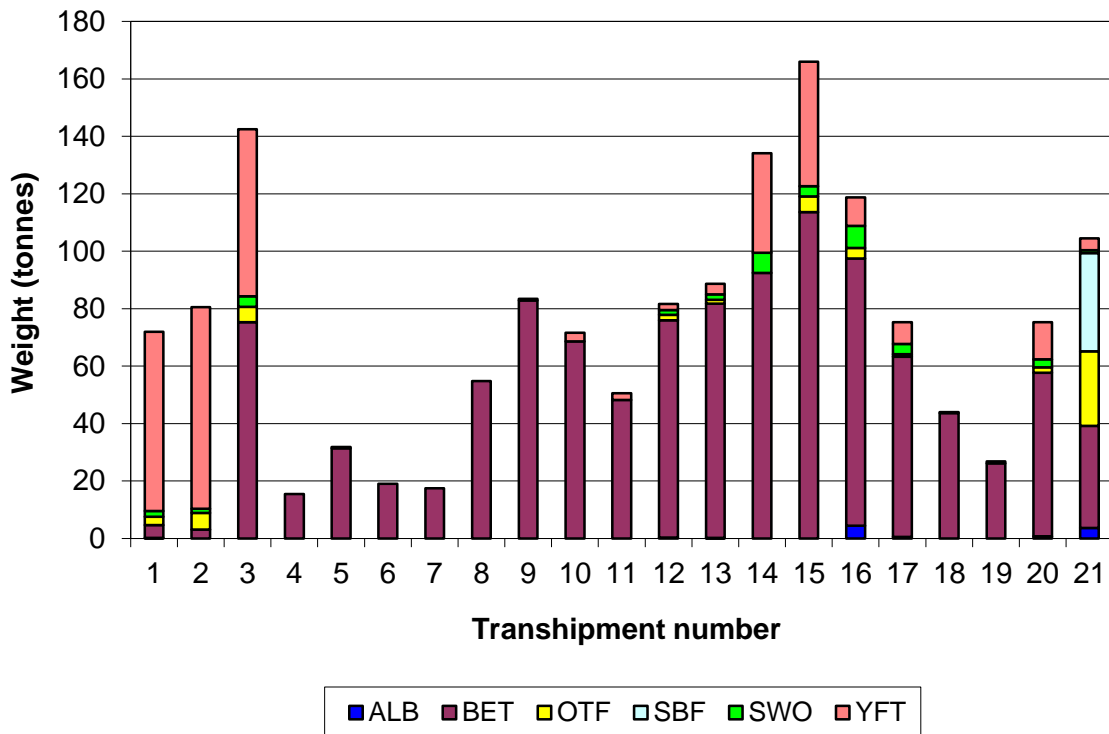


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		5.45
Albacore	<i>Thunnus alalunga</i>	16.97
Atlantic blue marlin	<i>Makaira nigricans</i>	82.61
Atlantic sailfish	<i>Istiophorus albicans</i>	14.49
Bigeye tuna	<i>Thunnus obesus</i>	46.19
Butterfly kingfish	<i>Gasterochisma melampus</i>	20.00
Opah	<i>Lampris guttatus</i>	8.84
Southern bluefin tuna	<i>Thunnus maccoyii</i>	33.00
Striped marlin	<i>Tetrapturus audax</i>	19.83
Swordfish	<i>Xiphias gladius</i>	39.09
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	10.07
West African Spanish mackerel	<i>Scomberomorus tritor</i>	10.00
Yellowfin tuna	<i>Thunnus albacares</i>	44.85

Comments:

The main species transferred to the carrier vessel were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacores*), swordfish (*Xiphias gladius*), albacore (*Thunnus alalunga*), and billfish species (*Istiophoridae spp.*). The main product types for tuna was gilled and gutted for bigeye and yellowfin tuna, finned for albacore, dressed for swordfish and billfish, a percentage of swordfish were also observed to be processed for fillets.

Total number of fish by species was estimated by the observer with the use of a hand held tally counter.

The observer used the tallied numbers collected during the transhipments by the observer and the reported numbers and weights from the LSTLV to calculate the average weight per fish for each species.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transshipment time	% Observed
21				Yes	04/05/2014	26°37'42-S	10°16'30-E	07:32	100%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (kg)	Catch Monitoring Form Number	Tag series number (from – to)
21	9	52	1731	CM-JP-13-080-02	T-JP-13-080-0022 to T-JP-13-080-0024
21	9	958	31778	CM-JP-14-061-01	T-JP-14-061-0001 to T-JP-14-061-0040

Comments:

The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Document Scheme (CDS) form CM-JP-13-080-02 was completed and signed by the master of the LSTLV, the master of the CV and the ICCAT observer.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	29/03/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	17/03/2014
2			Yes	04/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	01/04/2014
3			Yes	05/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	03/04/2014
4			Yes	06/04/14	Yes	Yes		Yes	Yes	09/01/17	Yes	Y	Yes	Yes	Yes	PB	04/04/2014
5			Yes	06/04/14	Yes	Yes		Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	04/04/2014
6			Yes	07/04/14	Yes	Yes		Yes	Yes	10/12/17	Yes	Y	Yes	Yes	Yes	PB	06/04/2014
7			Yes	07/04/14	Yes	Yes		Yes	Yes	14/05/16	Yes	Y	Yes	Yes	Yes	PB	06/04/2014
8			Yes	08/04/14	Yes	Yes		Yes	Yes	30/11/14	Yes	N	Yes	No	Yes	PB	08/04/2014
9			Yes	11/04/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PU	07/04/2014
10			Yes	12/04/14	Yes	Yes	Yes	Yes	Yes	14/08/15	Yes	Y	Yes	Yes	Yes	PU	10/04/2014
11			Yes	13/04/14	Yes	Yes	Yes	Yes	Yes	02/12/14	Yes	Y	Yes	Yes	Yes	PU	12/04/2014
12			Yes	14/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	12/04/2014
13			Yes	16/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	No	Yes	PU	11/04/2014
14			Yes	17/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	14/04/2014
15			Yes	18/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	14/04/2014
16			Yes	19/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	17/04/2014
17			Yes	19/04/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/04/2014
18			Yes	29/04/14	Yes	Yes	Yes	Yes	Yes	06/07/14	Yes	Y	Yes	Yes	Yes	PB	28/04/2014
19			Yes	30/04/14	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	27/04/2014
21			Yes	07/05/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	05/05/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The observer completed 14 Potential Non Compliance (PNC) reports.

Table 9 PNC reports

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			1	LNB	LNN	
2			2	LNN		
3			3	LNB	LNN	
8			8	VNL		
9			9	LNB	LNN	
10			10	LNB	LNN	
11			11	LNB	LNN	
12			12	LNB	LNN	
13			13	LNB	LNN	VNL
14			14	LNB	LNN	
15			15	LNB	LNN	
16			16	LNB	LNN	
17			17	LNB	LNN	
21			21	LNB	LNN	

LNB – Logbook not bound.

LNN- Logbook sheets not numbered.

VNL-No power light visible on the VMS unit.

Table 10 Comments from inspections

No	Comments
1	Two logbooks were shown to the observer, one was printed and unbound and the sheets were numbered by hand. The Second logbook that was shown to the observer was unprinted and unbound and the sheets were not
	Figure 3 Fishing logbook formats of the WAKASHIO MARU No. 128

No	Comments
2	<p>Two logbooks were shown to the observer. The first logbook was printed and unbound and the sheets were not numbered, the second logbook was unprinted and bound and sheets were also not numbered.</p> <p>Figure 4 Fishing logbook formats of the xxx</p>
3	<p>The logbook that was shown to the observer was printed and unbound and the sheets were not numbered.</p> <p>Figure 5 Fishing logbook formats of the xxx</p>
4	<p>The LSPLV National registration Number (NRN) could not be verified as the NRN. The number was not provided in the observer's ICCAT vessel list.</p>
5	<p>The LSPLV NRN could not be verified as the NRN was not provided in the observer's ICCAT vessel list. Two VMS devices were shown to the observer. Both units were the same model THRANE & THRANE.</p>
6	<p>The LSPLV NRN could not be verified as the NRN was not provided in the observer's ICCAT vessel list. Two VMS devices were shown to the observer. Both units were Trimble Galaxy units.</p>
7	<p>The LSPLV NRN could not be verified as the NRN was not provided in the observer's ICCAT vessel list.</p>
8	<p>The LSPLV NRN could not be verified as the NRN was not provided in the observer's ICCAT vessel list. The power light of the ARGOS VMS unit shown to the observer was not on. The captain of the LSPLV said that he was informed from Taiwan it was still sending a signal and only the light was defective. No Authorisation To Tranship (ATT) was shown to the observer, the captain of the LSPLV said it would be faxed to the CV, but the observer never received it.</p>
9	<p>The logbook that was shown to the observer was printed, unbound and the sheets were not numbered.</p> <p>Figure 6 Unbound fishing logbook format of the xxx</p>
10	<p>The logbook that was shown to the observer was printed, unbound and the sheets were not numbered.</p> <p>Figure 7 Unbound fishing logbook format of the xxx</p>
11	<p>The logbook shown to the observer was printed and unbound and the sheets were not numbered.</p>

No	Comments
	<p>Figure 8 Unbound fishing logbook format of the xxx</p>
12	<p>The logbook shown to the observer was printed and unbound and the sheets were not numbered.</p> <p>Figure 9 Unbound fishing logbook format of the xxx</p>
13	<p>The logbook that was shown to the observer was printed, unbound and the sheets were not numbered. xx</p> <p>Figure 10 Unbound fishing logbook format of the xxx</p> <p>The power light on the VMS was not on. The master of the LSPLV said it was still transmitting and that it was only the light that was faulty.</p>
14	<p>The fishing logbook that was shown to the observer was printed, unbound and the sheets were not numbered.</p> <p>Figure 11 Unbound fishing logbook format of the xxx</p>
15	<p>The logbook that was shown to the observer was printed, unbound and the sheets were not numbered.</p> <p>Figure 12 Unbound fishing logbook format of the xxx</p>
16	<p>The logbook that was shown to the observer was printed, unbound and the sheets were not numbered.</p> <p>Figure 13 Unbound fishing logbook format of the xxx</p>
17	<p>The logbook that was shown to the observer was printed, and the sheets were not numbered.</p> <p>Figure 14 Unbound fishing logbook format of the xxx</p>
18	<p>No comment.</p>
19	<p>No comment.</p>
20	<p>Due to bad weather the CV captain advised the observer not to board the LSPLV. The observer did not manage to obtain the logbooks or the ATF for inspection.</p>

No	Comments
21	The logbook that was shown to the observer was printed, unbound and the sheets were not numbered. Figure 15 Unbound fishing logbook format of the xxx

8.1 Verifying vessel name / RFMO number and National Registration Number.

8.2 Issues with Fishing Licence, logbooks or VMS

The power light of the VMS devices on the following two vessels was not on and in both instances the captains informed the observer that it was only the light that was faulty and that the vms unit was still transmitting:
Transshipment no.8, Transshipment no.13,

Other Observer Tasks.

8.3 CV waste disposal

The CV had separate bins inside in the corridors and messrooms for the separation of waste by type (Fig:9.1.1). Five large bins were situated starboard aft where the smaller bins were emptied and incinerated (Fig:9.1.2) on a weekly basis. Old oil was incinerated in the engine room.



Fig: 9.1.1



Fig: 9.1.2

8.4 Unidentified or IUU vessels

No IUU vessels were observed

8.5 Marine mammals.

No marine mammals were sighted.

9 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Latitude	Longitude	Comments
FUKUKYU MARU NO.7	AT000JPN00375	29/03/2014	30°17'71-S	012°11'99-E	Bait, Fuel & Goods
FUKUKYU MARU NO.51	AT000JPN00284	02/04/2014	11°00'39-S	008°59'74-E	Bait, Fuel & Goods
SANEI MARU NO.8	AT000JPN00450	02/04/2014	09°41'68-S	008°49'2-E	Bait, Fuel & Goods
SANEI MARU NO.51	AT000JPN00540	03/04/2014	09°10'35-S	008°01'91-E	Dry goods only
SANEI MARU NO.1	AT000JPN00025	03/04/2014	09°09'95-S	008°01'84-E	Dry goods only
FUKUKYU MARU NO.8	AT000JPN00448	03/04/2014	09°11'65-S	008°06'90-E	Dry goods only
KORYO MARU NO.1	AT000JPN00536	14/04/2014	04°59'73-S	020°01'46-W	Dry Goods only
KORYO MARU NO.81	AT000JPN00471	14/04/2014	04°58'30-S	020°06'60-W	Bait and dry goods
KOYO MARU NO.7	AT000JPN00382	20/04/2014	09°13'86-N	023°49'85-W	Dry goods only
DAIKICHI MARU NO.1	AT000JPN00005	27/04/2014	03°53'43-S	015°16'78-W	Fuel

ICCAT

Observer Report



Trip Number:	151
Vessel Name:	IBUKI
ICCAT Reference No:	AT000VUT00015
Observer Name:	Martin Ward
Cruise Dates:	From: 25/03/2014 To: 23/05/2014

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and MRAG, Martin Ward (ROP No. 046), joined the Vanuatu registered Carrier Vessel (CV) IBUKI (ICCAT No AT000VUT00015) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species and other species caught in association with these species in the Convention area from 25/03/2014 to 23/05/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the ICCAT, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer boarded the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the Vessel Monitoring System (VMS) is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

In addition, the observer performed a pre-sea safety inspection before the CV departed port.

2 Carrier Vessel details

Vessel name:	IBUKI	Call sign:	YJDT3
Port of registration:	Vila	Flag State:	Vanuatu
Owner:	Star Navigation S.A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8043.10 m ³ 3891 mt
Size (GRT):	6558	Length (LOA):	134.15 m
On-board acoustic equipment:	Furuno F700		
Position fixing equipment:	Furuno GP-150 x 2		
Vessel monitoring system (present/absent):	Present		
Radar:	Furuno x 2		
Communications equipment:	HF Furuno FS-2575C x 2 MF Furuno FS-2575C x 2 VHF Furuno FM-8900S x 2 Navtex WX-700 AIS Furuno FA-150/IMMARSAT BF		
Plotters:	Manual (Charts Only)		
Tuna products already on board (Quantity)	No		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	25/03/2014
Method of embarkation	In Port (Dockside)
Date of departure	26/03/2014
Date of first transshipment	03/04/2014
Date of last transshipment	19/05/2014
Date of return	23/05/2014
Date of disembarkation	23/05/2014
Method of disembarkation*	In Port (Dockside)
Port of return	Cape Town

* The CV stopped in Cape Town to bunker at the end of the ICCAT trip and then navigated to IOTC RFMO area, where it undertook transshipments. The observer did not disembark from the CV in Cape Town, but remained onboard for the second leg of the CV voyage in the Indian Ocean as the IOTC ROP Observer, Request number 270.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The carrier vessel made a total of 43 transhipments at sea (**Error! Reference source not found.**). The first transhipment started on 03/04/2014 and the last transhipment occurred on 19/05/2014.

During this time, ICCAT ROP transhipments occurred on 27 days. An in-port transhipment occurred on one day. Non-ROP transhipments occurred on seven days. For the remaining 12 days, the CV steamed between transhipment areas.

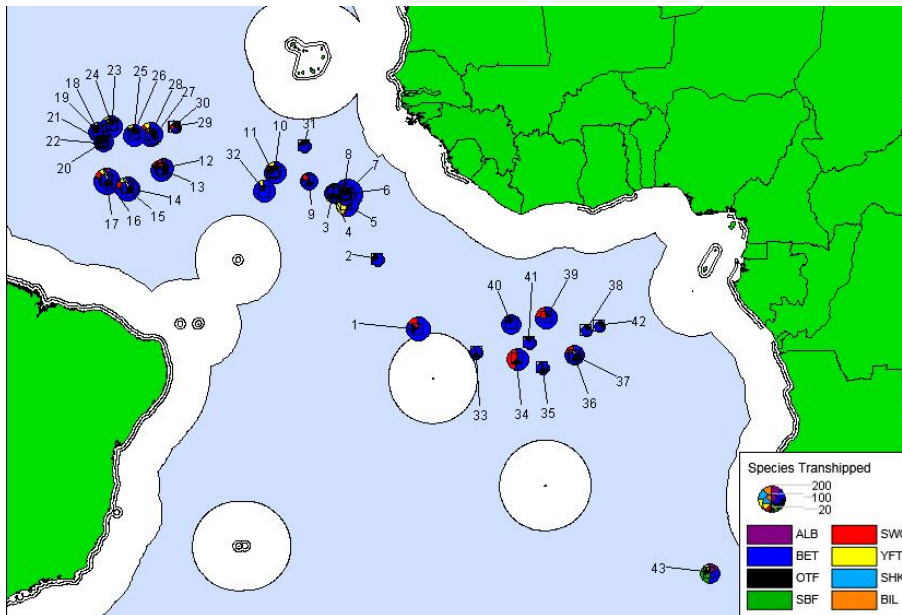


Figure 1 Location of ICCAT ROP transhipments

The numbers received by nationality of vessel are given in Table 1.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	7
	10
	22
	2
	2

Comments:

There were ten non-ROP transhipments (Appendix 1) and one in-port transhipment (at anchorage) at Mindelo, Cape Verde Islands (Appendix 2).

5 Summary of Transhipments Observed

Table 2 Summary of Transhipments

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	03/04/2014	04° 13.372 S	015° 32.456 W	5.05	100
2				Yes	04/04/2014	00° 59.551 N	018° 18.331 W	1.26	100
3				Yes	06/04/2014	05° 59.515 N	022° 00.232 W	4.14	100
4				Yes	06/04/2014	05° 55.631 N	022° 01.184 W	3.00	100
5				Yes	07/04/2014	05° 04.475 N	021° 01.856 W	5.34	100
6				Yes	07/04/2014	05° 52.695 N	021° 02.009 S	8.17	100
7				Yes	08/07/2014	05° 47.529 N	021° 08.628 W	4.36	100
8				Yes	08/04/2014	05° 44.515 N	021° 12.779 W	2.41	100
9				Yes	09/04/2014	06° 54.064 N	023° 59.816 W	3.09	100
10				Yes	10/04/2014	07° 30.188 N	026° 32.360 W	6.10	100
11				Yes	10/04/2014	07° 26.985 N	026° 42.306 W	1.26	100
12				Yes	12/04/2014	07° 49.010 N	035° 10.080 W	5.20	100
13				Yes	12/04/2014	07° 42.095 N	035° 16.265 W	6.55	100
14				Yes	13/04/2014	06° 18.945 N	037° 52.424 W	3.16	100
15				Yes	13/04/2014	06° 17.194 N	037° 54.906 W	8.30	100
16				Yes	14/04/2014	06° 52.860 N	039° 26.010 W	3.15	100
17				Yes	14/04/2014	06° 50.892 N	039° 30.955 W	9.15	100
18				Yes	15/04/2014	10° 33.961 N	040° 05.494 W	0.25	100
19				Yes	15/04/2014	10° 31.644 N	040° 09.627 W	5.25	100
20				Yes	16/04/2014	09° 49.774 N	039° 37.181 W	0.50	100
21				Yes	16/04/2014	09° 46.94 N	039° 45.612 W	3.50	100
22				Yes	16/04/2014	09° 42.454 N	039° 54.262 W	0.45	100
23				Yes	17/04/2014	11° 01.972 N	039° 03.194 W	0.45	100
24				Yes	17/04/2014	10° 58.664 N	039° 09.113 W	6.25	100

No				Inspected	Date	Latitude	Longitude	Transshipment Time	% Observed
25				Yes	18/04/2014	10° 21.531 N	037° 20.454 W	0.40	100
26				Yes	18/04/2014	10° 19.900 N	037° 26.928 W	9.02	100
27				Yes	19/04/2014	10° 00.607 N	035° 53.300 W	1.20	100
28				Yes	19/04/2014	10° 20.094 N	036° 07.156 W	8.55	100
29				Yes	20/04/2014	10° 55.497 N	034° 14.551 W	1.00	100
30				Yes	20/04/2014	10° 51.805 N	034° 20.573 W	1.16	100
31				Yes	25/04/2014	09° 30.550 N	024° 17.587 W	2.09	100
32				Yes	26/04/2014	06° 07.966 N	027° 22.684 W	4.00	100
33				Yes	07/05/2014	05° 59.366 S	011° 03.431 W	1.45	100
34				Yes	08/05/2014	06° 28.470 S	007° 54.046 W	4.18	100
35				Yes	09/05/2014	07° 06.707 S	005° 59.597 W	1.32	100
36				Yes	10/05/2014	06° 14.219 S	003° 28.582 W	1.29	100
37				Yes	10/05/2014	06° 10.430 S	003° 31.520 W	3.10	100
38				Yes	11/05/2014	04° 19.132 S	002° 36.405 W	1.13	100
39				Yes	12/05/2014	03° 20.014 S	005° 40.891 W	3.52	100
40				Yes	13/05/2014	03° 49.923 S	008° 22.258 W	3.27	100
41				Yes	14/05/2014	05° 12.186 S	006° 59.069 W	1.29	100
42				Yes	15/05/2014	04° 02.045 S	001° 33.859 W	1.10	100
43				Yes	19/05/2014	22° 31.000 S	006° 54.030 E	4.50	100

Comments:

All transshipments were observed. Fish were transferred by string, either first on to the main deck of the LSTLV then to the CV hold, or directly from hold to hold. A cargo net was occasionally used.

Minimum transshipment time was 25 minutes, maximum time was 9 hours15 minutes. Average transshipment time was 3 hours 40 minutes.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	93.288	96.059	0.216	1.514	18.378	18.280	4.214	1.000	116.096	116.853	0.757	0.007
2	24.882	35.699	2.534	2.392	0.000	0.000	7.299	0.000	34.715	38.091	3.376	0.089
3	58.976	37.895	8.878	43.634	4.440	2.885	10.115	0.175	82.409	84.589	2.180	2.580
4	69.044	69.518	1.220	1.534	0.000	0.000	0.000	0.000	70.264	71.052	0.788	0.011
5	33.689	52.337	28.912	43.628	2.335	3.432	30.168	1.745	95.104	101.142	6.038	0.060
6	119.680	184.361	15.480	6.660	0.000	0.000	48.033	0.000	183.193	191.021	7.828	0.041
7	100.240	108.000	1.350	1.800	0.000	0.000	0.000	0.000	101.590	109.800	8.210	0.075
8	71.978	71.837	3.925	4.327	0.000	0.000	0.000	0.000	75.903	76.164	0.261	0.003
9	49.955	51.782	2.548	2.650	9.980	10.438	0.000	0.000	62.483	64.870	2.387	0.037
10	59.200	91.382	8.160	13.495	9.100	9.236	26.532	0.000	102.992	114.113	11.121	9.750
11	34.404	29.415	3.225	8.058	1.432	1.430	1.395	0.000	40.456	38.903	-1.553	-0.040
12	28.600	54.503	2.875	2.300	11.550	11.100	30.303	11.886	73.328	79.789	6.461	0.081
13	62.790	78.972	4.290	3.800	13.000	12.200	24.373	10.518	104.453	105.490	1.037	0.010
14	58.751	67.400	5.681	4.300	0.000	0.000	7.798	0.000	72.230	71.700	-0.530	-0.007
15	72.540	101.300	8.778	8.200	14.014	14.700	37.481	12.353	132.813	136.553	3.740	0.027
16	47.566	57.900	3.192	4.100	0.000	0.000	8.322	0.000	59.080	62.000	2.920	0.047
17	96.228	114.749	8.120	9.422	15.168	16.000	27.700	15.361	147.216	155.532	8.316	0.054
18	8.744	8.046	0.000	0.075	0.727	0.727	0.000	0.000	9.471	8.848	-0.623	-0.070
19	79.352	85.000	3.640	4.500	0.000	0.000	5.540	0.000	88.532	89.500	0.968	0.011
20	14.624	14.483	0.000	0.000	0.000	0.000	0.000	0.000	14.624	14.483	-0.141	-0.010
21	63.250	81.109	2.650	5.521	0.000	0.000	12.125	0.000	78.025	86.630	8.605	0.099
22	10.116	10.619	0.000	0.032	1.139	1.242	0.000	0.000	11.255	11.893	0.638	0.054
23	10.176	10.143	0.086	0.128	1.300	1.300	0.000	0.000	11.562	11.571	0.009	0.001

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
24	86.130	96.968	10.600	12.749	0.000	0.000	8.622	0.000	105.352	109.717	4.365	0.040
25	13.889	13.942	0.022	0.043	0.975	0.975	0.000	0.000	14.886	14.960	0.074	0.005
26	79.056	95.273	11.300	10.103	0.000	0.000	9.928	0.000	100.284	105.376	5.092	0.048
27	14.885	14.835	0.094	0.187	1.149	1.149	0.000	0.000	16.128	16.171	0.043	0.003
28	89.125	97.854	10.584	9.852	9.888	9.144	8.580	0.000	118.177	116.850	-1.327	-0.011
29	13.170	14.300	0.000	0.155	5.887	5.820	0.722	0.000	19.779	20.275	0.496	0.025
30	11.408	11.871	0.000	0.158	7.232	7.274	0.000	0.000	18.640	19.303	0.663	0.034
31	23.280	25.400	2.560	4.600	0.705	0.700	9.341	3.100	35.886	33.800	-2.086	-0.062
32	79.230	93.465	6.768	9.015	0.000	0.000	14.310	0.000	100.308	102.480	2.172	0.021
33	42.465	42.617	0.948	0.816	0.000	0.000	0.000	0.000	43.413	43.433	0.020	0.001
34	48.555	54.392	1.547	2.318	46.172	47.055	4.121	0.000	100.395	103.765	3.370	0.033
35	38.258	40.000	1.491	1.720	0.000	0.000	3.243	0.000	42.992	41.720	-1.272	-0.031
36	30.924	33.319	2.600	3.301	0.000	0.000	1.680	0.000	35.204	36.620	1.416	0.039
37	68.460	67.824	0.830	1.789	15.934	16.080	0.000	0.000	85.224	85.693	0.469	0.006
38	26.880	24.843	1.462	1.882	0.000	0.000	0.000	0.000	28.342	26.725	-1.617	-0.061
39	70.832	74.147	1.638	1.872	22.176	22.860	4.264	0.000	98.910	98.879	-0.031	0.000
40	74.034	78.162	1.890	3.055	0.000	0.000	4.731	0.000	80.655	81.217	0.562	0.007
41	35.260	35.904	0.808	0.576	0.000	0.000	0.000	0.000	36.068	36.480	0.412	0.011
42	22.800	22.876	0.378	0.378	0.000	0.000	0.000	0.000	23.178	23.254	0.076	0.003
43	23.584	26.445	6.280	6.929	0.892	0.852	21.346	18.470	85.402	86.414	1.012	0.012

* Transshipment 43 includes declared and observed weights of Southern bluefin tuna (*Thunnus maccoyii*), the details of which are also recorded in Section 7.

Comments:

The observer monitored all of the transshipments. All declared transhipped weights were within 10% of observer estimated weights.

Minimum total declared weight transferred was 8.848 t, maximum total declared weight transferred was 191.021 t and average total weight was 70.784 t. Total declared weight transhipped was 3043.719 t and the observers estimated total weight transhipped was 2957.017 t, a difference of 86.702 t (2.85%).

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, breakdown by transshipment is shown in Figure 2 and the average weight of fish transhipped is shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed Weight (t)	Observed Percentage	Declared Weight (t)	Declared Percentage
	Other fish Unclassified	Unk	3.990	0.13%	15.436	0.51%
Albacore	<i>Thunnus alalunga</i>	Unk	35.728	1.21%	36.053	1.18%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	13.481	0.46%	13.384	0.44%
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	0.377	0.01%	0.000	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Unk	0.169	0.01%	0.000	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	2160.298	73.06%	2476.950	81.38%
Blue shark	<i>Prionace glauca</i>	Unk	12.614	0.43%	7.303	0.24%
Mako sharks	<i>Isurus spp</i>	Unk	4.424	0.15%	2.356	0.08%
Marlins, sailfishes, etc. nei	Istiophoridae	Unk	0.030	0.00%	0.000	0.00%
Oilfish	<i>Ruvettus pretiosus</i>	Unk	0.698	0.02%	0.000	0.00%
Opah	<i>Lampris guttatus</i>	Unk	1.512	0.05%	0.000	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	33.300	1.13%	33.718	1.11%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.700	0.02%	0.076	0.00%
Swordfish	<i>Xiphias gladius</i>	N	28.027	0.95%	47.231	1.55%
Swordfish	<i>Xiphias gladius</i>	S	84.282	2.85%	121.095	3.98%
Swordfish	<i>Xiphias gladius</i>	Unk	101.264	3.42%	46.553	1.53%
Tunas nei	<i>Thunnini</i>	All	295.439	9.99%	0.000	0.00%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	Unk	3.880	0.13%	0.000	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	177.560	6.00%	243.568	8.00%

Comments:

Stock IDs for bigeye (*T. obesus*) and yellowfin (*T. albacares*) and tuna spp. were designated as 'All Atlantic'.

Stock IDs for swordfish (*X. gladius*) were designated as 'North' or 'South' as declared by the LSTLV, or as 'Unknown' where no stock ID was indicated. Stock IDs for swordfish were not identified from transshipments 1, 3, 5, 9, 10, 11 and 43.

Stock IDs for all other species were designated 'Unknown.'

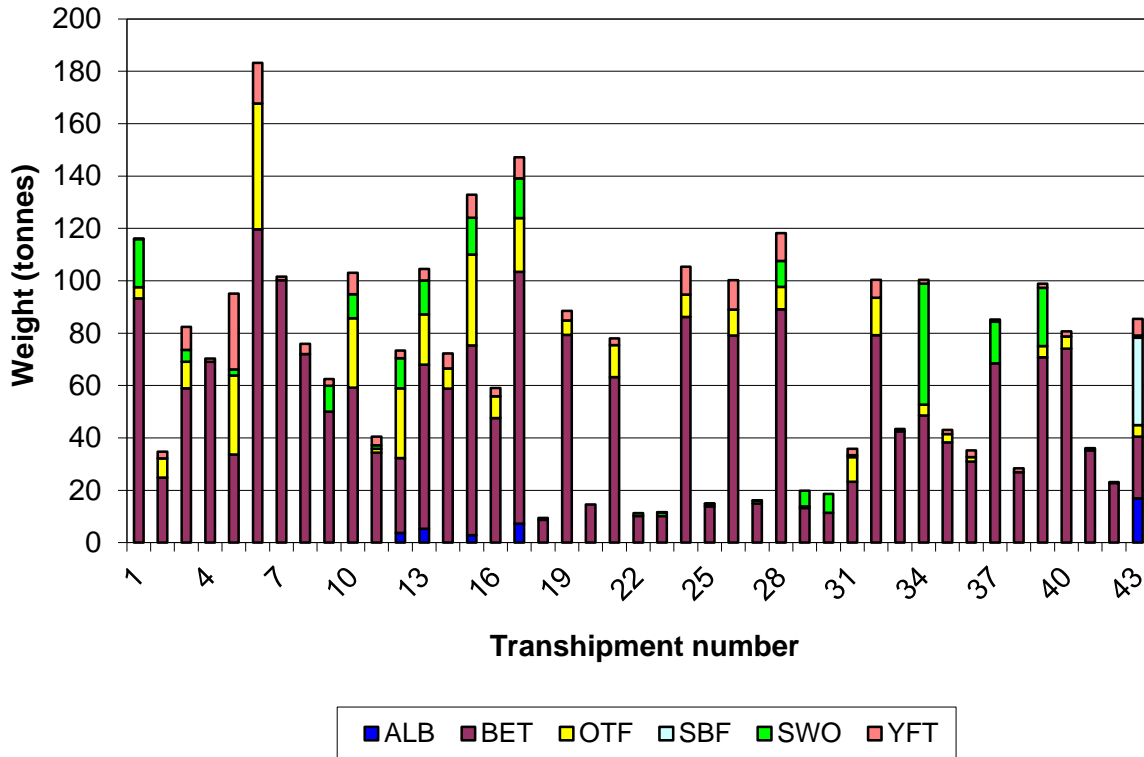


Figure 2 Proportions, by weight, of fish species transferred, by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific Name	Average Weight (kg)
	Other fish Unclassified	14.670
Albacore	<i>Thunnus alalunga</i>	17.840
Atlantic blue marlin	<i>Makaira nigricans</i>	78.840
Atlantic sailfish	<i>Istiophorus albicans</i>	19.840
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	13.000
Bigeye tuna	<i>Thunnus obesus</i>	45.080
Blue shark	<i>Prionace glauca</i>	28.800
Mako sharks	<i>Isurus spp</i>	52.670
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	15.000
Oilfish	<i>Ruvettus pretiosus</i>	14.240
Opah	<i>Lampris guttatus</i>	13.500
Southern bluefin tuna	<i>Thunnus maccoyii</i>	31.530

Striped marlin	<i>Tetrapturus audax</i>	35.000
Swordfish	<i>Xiphias gladius</i>	47.700
Tunas nei	Thunnini	43.520
Various sharks nei	Selachimorpha (Pleurotremata)	40.000
Yellowfin tuna	<i>Thunnus albacares</i>	43.670

Comments:

The main species transhipped were, bigeye tuna (*T. obesus*) product type gilled and gutted (GG), Swordfish (*X. gladius*), product type dressed (DR) and filleted (FL), yellowfin tuna (*T. albacares*), product type (GG), and unidentified tuna sp. (Thunnini), product type (GG).

Average individual weight of each species declared was multiplied by observed number of fish to estimate observed weight.

When species were classified by the vessel as other fish (OTF), the observer proportioned weights according to sizes observed and numbers declared. Fish were identified to species level when possible, however when transferred in large mixed strings, which made identifications difficult, they were classified by general species groups, e.g. aggregating bigeye and yellowfin together as tuna spp.

During transshipment 43 accurate estimates of *T. alalunga* were extremely difficult to obtain due to the size and number of pieces on each string. Therefore the observer counted the number of strings and used the LSTLV declared weight.

7 Southern bluefin tuna transhipments

Table 6 Summary of Southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
43				Yes	19/05/2014	22° 31.00 S	006° 54.030 E	4.40	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
43	9	60	CM – JP – 13 – 060 – 02	613 to 672
43	9	1009	CM – JP – 14 – 062 – 01	1 to 1009

Comments:

Southern bluefin tuna (*T. maccoyii*) was transhipped from xxx

Period of capture was recorded for 2 periods:

On 31/03/2014, 60 pieces weighing 1.956 t were recorded from statistical area 9.

From 02/04/2014 to 30/04/2014, 1,009 pieces weighing 31.762 t were recorded from statistical area 9.

100% of the transhipment was observed. Southern bluefin tuna was transhipped separately from other species. Two random samples were checked for the presence of the CCSBT identification tag. Weight/ percentage difference between observed and declared figures was 0.418 t (1.23%).

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 8 Summary of inspections made onboard LSTLV

No	Name	Flag	Boarded	Date	Markings Correct			Authorisation to Fish / Tranship			VMS			Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	03/04/2014	Y	Y	Y	Y	Y	17/07/2014	Y	Y	Y	Y	Y	PU	01/04/2014
2			Y	04/04/2014	Y	Y	Y	Y	Y	13/01/2015	Y	Y	Y	Y	Y	PU	01/04/2014
3			Y	06/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	04/04/2014
4			Y	06/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	04/04/2014
5			Y	07/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	06/04/2014
6			Y	07/04/2014	Y	Y	Y	Y	Y	08/08/2016	Y	Y	Y	Y	Y	PB	06/04/2014
7			Y	08/04/2014	Y	Y	Y	Y	Y	12/03/2016	Y	Y	Y	Y	Y	PB	05/04/2014
8			Y	08/04/2014	Y	Y	Y	Y	Y	13/11/2015	Y	Y	Y	Y	Y	PB	07/04/2014
9			Y	09/04/2014	Y	Y	Y	Y	Y	20/01/2017	Y	Y	Y	Y	Y	PB	07/04/2014
10			Y	10/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	08/04/2014
11			Y	10/04/2014	Y	Y	Y	Y	Y	15/04/2014	Y	Y	Y	Y	Y	PB	09/04/2014
12			Y	12/04/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	10/04/2014
13			Y	12/04/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	11/04/2014
14			Y	13/04/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	12/04/2014
15			Y	13/04/2014	Y	Y	Y	Y	Y	31/03/2016	Y	Y	Y	Y	Y	PB	12/04/2014
16			Y	14/04/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	12/04/2014
17			Y	14/04/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	13/04/2014

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

No	Name	Flag	Boarded	Date	Markings Correct			Authorisation to Fish / Tranship				VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
18			Y	15/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	14/04/2014
19			Y	15/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	10/04/2014
20			Y	16/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	14/04/2014
21			Y	16/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	15/04/2014
22			Y	16/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	14/04/2014
23			Y	17/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	15/04/2014
24			Y	17/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	16/04/2014
25			Y	18/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	17/04/2014
26			Y	18/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	17/04/2014
27			Y	19/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	UB	18/04/2014
28			Y	19/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	18/04/2014
29			Y	20/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	19/04/2014
30			Y	20/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	19/04/2014
31			Y	25/04/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	24/04/2014
32			Y	26/04/2014	Y	Y	Y	Y	Y	05/07/2014	Y	Y	Y	Y	Y	PB	25/04/2014
33			Y	07/05/2014	Y	Y	Y	Y	Y	03/04/2016	Y	Y	Y	Y	Y	PB	04/05/2014
34			Y	08/05/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	07/05/2014
35			Y	09/05/2014	Y	Y	Y	Y	Y	13/01/2015	Y	Y	Y	Y	Y	PB	07/05/2014
36			Y	10/05/2014	Y	Y	Y	Y	Y	18/10/2015	Y	Y	Y	Y	Y	PB	09/05/2014
37			Y	10/05/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	09/05/2014
38			Y	11/05/2014	Y	Y	Y	Y	Y	12/05/2014	Y	Y	Y	Y	Y	PB	10/05/2014
39			Y	12/05/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	10/05/2014
40			Y	13/05/2014	Y	Y	Y	Y	Y	30/06/2014	Y	Y	Y	Y	Y	PB	11/05/2014
41			Y	14/05/2014	Y	Y	Y	Y	Y	27/09/2017	Y	Y	Y	Y	Y	PB	13/05/2014
42			Y	15/05/2014	Y	Y	Y	Y	Y	12/10/2017	Y	Y	Y	Y	Y	PB	14/05/2014
43			Y	19/05/2014	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	18/05/2015

Comments:

Table 9 Comments from inspections

No	Comments
1	Logbook unbound (LNB). LSTLV Captained informed. PNC NUMBER 1511.
2	Logbook printed and unbound. PNC1512
3	Logbook printed and unbound. PNC1513.
4	The external markings on the bow and stern, reads xxx. Vessel not on the ICCAT list when inspected, but all official documents e.g. ATF, the name is written yyy.
5	Logbook printed and unbound. PNC1515.
10	Logbook printed and unbound. No entries for the date of 09/04/2014 and 10/04/2014. Last recorded entry was 08/04/2014. PNC Report issued, PNC15110.
13	*Vessel name on stern of vessel not the same as on the bow or ICCAT records. Name on stern reads xxx. PNC15113.
18	No fishing logbook, only shown vessel logbook and 1 log sheet of fish to be transhipped. PNC15118.
19	VMS shown. Enclosed Unit, no light visible. INMARSAT C, Model Felcom 16. No logbook, only log sheet was shown, when asked to see. The captain said he only recently joined the vessel and that he did not know where the logbook was. He did show his private notebook and apologised. PNC15119.
21	Logbook printed and unbound (loose log sheets). PNC15121.
22	Logbook printed and unbound (PU). PNC15122.
23	Logbook printed and unbound, which comprised of loose log sheets. Captain said he did not have a bound logbook. The log sheets were attached to a clipboard and arranged chronologically, but not numbered by page. PNC15123.
24	The logbook consisted of printed and unbound log sheets, which were un-numbered, but chronologically ordered by date. The observer asked the Captain if he had a printed and bound logbook, which was miss-interpreted as the vessel logbook. A PNC Report was made out for un-numbered log sheet pages and for being un-bounded, albeit the sheets were held together with a clip. PNC15124.
25	Logbook consisted of loose log sheets, printed and unbound. Pages un-numbered, but chronologically ordered by date and held together on a clipboard. The Captain said he did not have a bounded logbook and that the loose log sheet logbook is for faxing to the fishing vessel company. PNC15125.
26	The logbook shown to the observer, comprised of loose log sheets and the pages were un-numbered. Catch figure dates were ordered chronologically. PNC15126.
27	The logbook was unprinted and bound (UB (OTH)). The pages were not numbered. Dates in sequence. PNC15127.
28	Logbook comprised of log sheets printed and unbound. Pages not numbered. Dates in sequence and up to date. PNC15128
29	Logbook consisted of loose log sheets printed and unbound. Pages numbered. PNC15129.
30	Logbook printed and unbound, comprised of loose log sheets. Pages not numbered, but in chronological order. PNC15130.
31	Logbook printed and unbound. Page number not evident. PNC15131.
32	Name of vessel written on the bow and stern reads as follows: xxx. On the ICCAT Vessel List reads as: yyy (Same vessel).
41	LSTLV external name identification are large case (xxx).

The observer made 19 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1511	LNB		
2			1512	LNB		
3			1513	LNB		
5			1515	LNB		
10			15110	LNB	LND	
13			15113	OTH		
18			15118	LNP		
19			15119	LNP		
21			15121	LNB		
22			15122	LNB		
23			15123	LNB	LNN	
24			15124	LNB	LNN	
25			15125	LNB	LNN	
26			15126	LNB	LNN	
27			15127	LNN	OTH	
28			15128	LNB	LNN	
29			15129	LNB		
30			15130	LNB	LNN	
31			15131	LNB	LNN	

8.1 Verifying vessel name / RFMO number and National Registration Number.

The xxx had an incorrect name, xxx, on the stern (Figure 3).

Figure 3 Incorrect name on stern of xxx

8.2 Issues with Fishing Licence, logbooks or VMS

A number of vessels had issues with their logbooks (Figures 4 to 21).

Figure 4 xxx logbook - printed and unbound

Figure 5 xxx logbook - printed and unbound

Figure 5 xxx logbook - printed and unbound

Figure 6 xxx logbook - printed and unbound

Figure 7 xxx logbook - printed and unbound

Figure 8 xxx logbook - printed and unbound

Figure 9 xxx logbook - printed and unbound

Figure 10 xxx – printed and unbound

Figure 11 xxx logbook - printed and unbound

Figure 12 xxx logbook - printed and unbound

Figure 13 xxx logbook - printed, unbound and unnumbered

Figure 14 xxx logbook – printed, unbound and unnumbered, but arranged by date

Figure 15 xxx logbook - printed, unbound and unnumbered, but arranged by date

Figure 16 xxx - logbook unprinted, unnumbered but bound and arranged by date

Figure 17 xxx logbook - printed and unbound, pages unnumbered but arranged by date

Figure 18 xxx logbook - printed and unbound

Figure 19 xxx logbook - printed, unbound and unnumbered, but arranged by date

Figure 20 xxx logbook - printed, unbound and unnumbered

9 Other Observer Tasks

9.1 CV waste disposal

Waste disposal measures in place on Ibuki included: receptacles in the dining area for waste, which was separated into plastic, paper, metal and glass (Figure 21), and sacks secured on the main deck for waste collection (Figure 22). Collected waste was stored in cargo netting on the deck until it could be disposed of onshore (Figure 23). Organic food waste was discarded. No other waste was observed being discarded.



Figure 21 Waste receptacles in the dining area



Figure 22 Sacks on main deck for waste collection



Figure 23 Waste stored in cargo netting

9.2 Unidentified or IUU vessels

An unidentified vessel (Figure 24) was sighted by the observer at 17:30 on 30/03/2014 at position 17° 04.47 S/000° 23.000 E. The vessel came towards the Ibuki, then altered course to head away from the CV. It was not fishing, and was distinct from typical longliners in that the forward section was open with no shelter well. The vessel remained too far away to obtain a clear photograph.



Figure 24 Unidentified vessel sighting

9.3 Marine mammals

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
13/04/2014	12:46	06° 20.000 N	037° 49.500 W	DBO	17	Feeding
30/04/2014	08:50	10° 31.410 N	043° 35.231 W	DBO	20	Feeding

Bottlenose dolphins (*Tursiops truncatus*) were observed on two occasions during transshipment operations in the Northwest Atlantic Area. Pod size ranged from 17 to 20. They were observed feeding by the vessels and occasionally breaching.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

No	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
1			05/04/2014	04° 50.089 N	023° 18.682 W	Bait, Parcels and Drums	Yes
2			28/04/2014	07° 39.117 N	037° 21.580 W	Bait	Yes
3			29/04/2014	10° 18.679 N	040° 29.801 W	Bait and Parcels	Yes
4			30/04/2014	10° 31.085 N	043° 33.385 W	Parcels and Crate	Yes
5			30/04/2014	10° 31.236 N	043° 33.956 W	Bait, Parcels and Crate	Yes
6			30/04/2014	10° 31.410 N	043° 35.231 W	Bait, Parcels and Drums	Yes
7			30/04/2014	10° 31.124 N	043° 36.354 W	Parcels, Drums and Crate	Yes
8			05/05/2014	05° 59.072 S	021° 22.642 W	Parcel, Crewman	Yes
9			08/05/2014	06° 29.034 S	007° 53.044 W	Parcel	Yes
10			12/05/2014	03° 01.577 S	004° 58.098 W	Bait and Food.	Yes

* Transhipped from CHIKUMA to IBUKI.

Appendix 2 In Port Transhipments

No	Vessel	RFMO Number	Call Sign	Date	Lat	Lon	Photograph
1	CHIYO MARU No. 28	ATOOOJPN00156	JBPU	23/04/2014	16° 52.928 N	25° 00.359 W	Yes

The in-port transhipment with CHIYO MARU No.28 occurred at anchorage in Mindelo, Cape Verde. 6.500 t of yellowfin tuna (*T. albacares*), 156.000 t of bigeye tuna (*T. obesus*), 5.500 t of swordfish (*X. gladius*), 1.600 t of albacore (*T. alalunga*) and 44.623 t of Northern bluefin tuna (*Thunnus thynnus*) were transhipped. Northern bluefin tuna were tagged and labelled with the vessel callsign and a unique ID number.

ICCAT

Observer Report



Trip Number:	152-14
Vessel Name:	M/V Chitose
ICCAT Ref. No.	AT000SGP00001
Observer Name:	Llewellyn Lewis
Cruise Dates:	From: 06/05/2014 To: 02/07/2014

1 Cruise Summary

In accordance with the bilateral agreement between Wang Tat Corporation Pte Ltd and Capricorn Fisheries Monitoring CC., Llewellyn Lewis (ROP no. 117) joined the Singapore registered Carrier Vessel (CV) M/V Chitose (ICCAT ref no. AT000SGP00001) as the ROP observer monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 06/05/2014 to 02/07/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

The observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chitose	Call sign:	9V6110
Port of registration:	Singapore	Flag State:	Singapore
Owner:	Wang Tat Corporation Pte. Ltd.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3900Ton
Size (GRT):	6.534	Length (LOA):	134.15
On-board acoustic equipment:		Furuno GP-150	
Position fixing equipment:		Furuno GP-150 (x2)	
Vessel monitoring system (present/absent):		Present	
Radar:		Furuno RCU-014 (x2)	
Communications equipment:		HF/MF Furuno FS-2575C VHF Furuno FM-8900S (x2)	
Plotters:		None	
Tuna products already on board (Quantity)		400 ton	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	06/05/2014
Method of embarkation*	In port
Date of departure	07/05/2014
Date of first transshipment	12/05/2014
Date of last transshipment	29/06/2014
Date of return	02/07/2014
Date of disembarkation	02/07/2014
Method of disembarkation*	In port
Port of return	Cape Town

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 34 transshipments at sea, the locations are shown in detail in

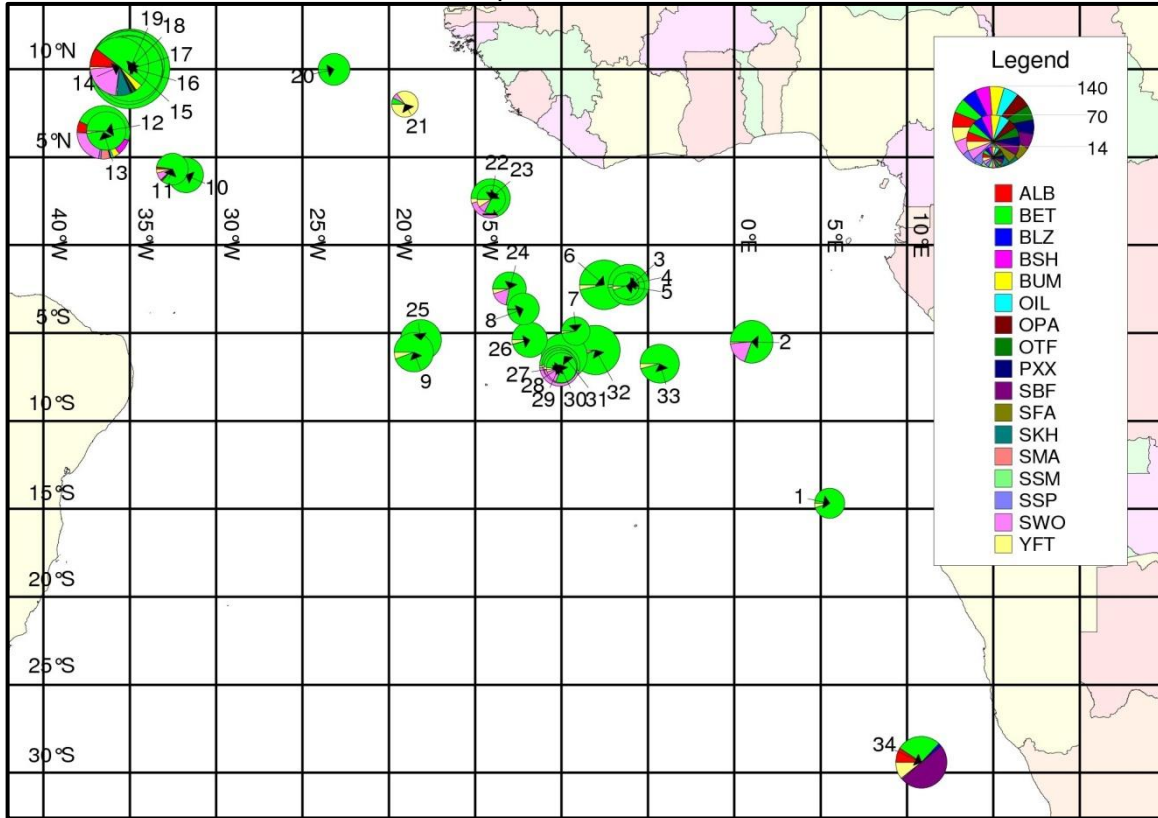


Figure 1. The numbers received by nationality of vessel are given in Table 1.

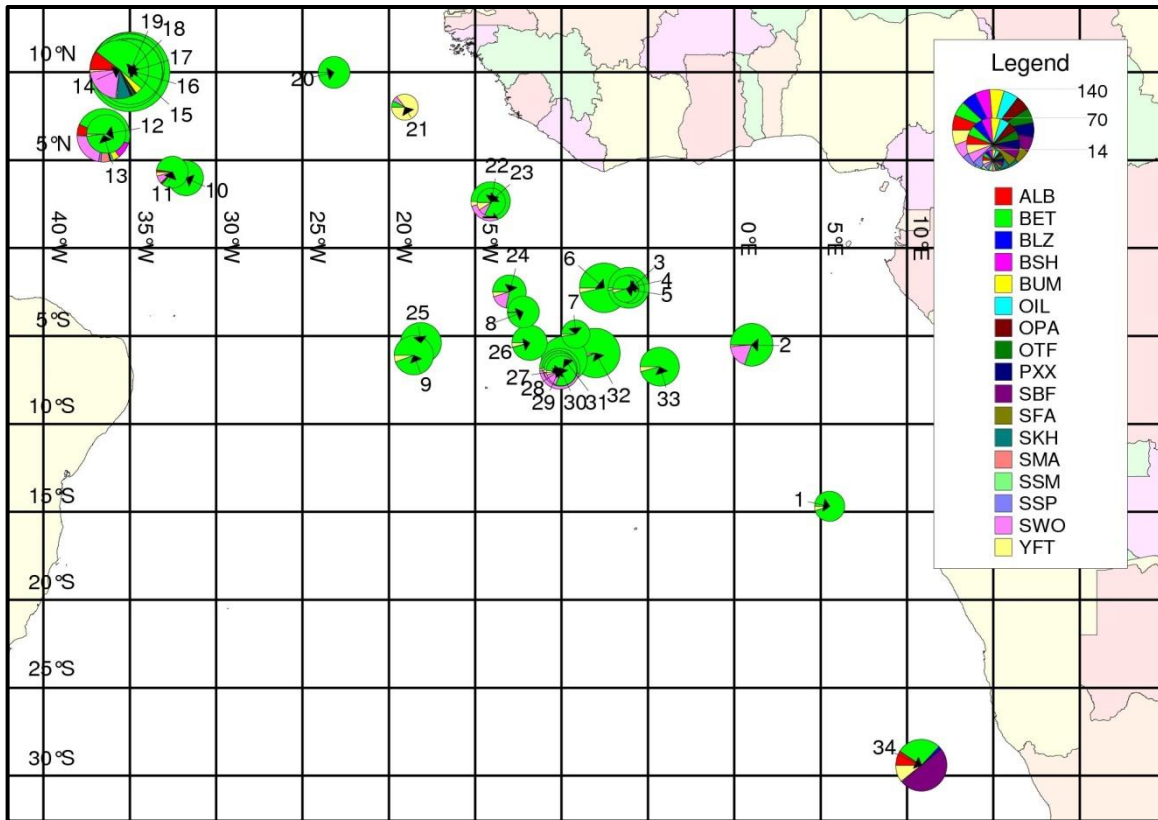


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	5
	17
	8
	4

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	12/05/2014	14°41.228 S	005°31.704 E	01:00	100.00%
2				Yes	15/05/2014	05°29.99 S	000°59.952 E	02:00	100.00%
3				Yes	17/05/2014	02°20.741 S	006°00.727 W	01:40	100.00%
4				Yes	17/05/2014	02°15.81 S	006°07.053 W	01:25	100.00%
5				Yes	17/05/2014	02°19.811 S	006°16.387 W	00:35	100.00%
6				Yes	18/05/2014	02°15.758 S	007°31.72 W	02:10	100.00%
7				Yes	19/05/2014	04°54.326 S	009°10.588 W	01:30	100.00%
8				Yes	20/05/2014	03°38.607 S	012°12.926 W	01:35	100.00%
9				Yes	21/05/2014	06°05.807 S	018°33.544 W	01:55	100.00%
10				Yes	24/05/2014	03°58.432 N	031°45.166 W	01:07	100.00%
11				Yes	25/05/2014	04°18.645 N	032°31.591 W	01:10	100.00%
12				Yes	26/05/2014	06°28.867 N	036°21.842 W	01:40	100.00%
13				Yes	26/05/2014	06°24.367 N	036°31.078 W	03:00	100.00%
14				Yes	27/05/2014	10°08.98 N	035°35.8 W	04:30	90.74%
15				Yes	28/05/2014	10°11.82 N	035°00.682 W	05:50	95.71%
16				Yes	28/05/2014	10°08.473 N	035°06.886 W	07:20	93.18%
17				Yes	03/06/2014	10°00.688 N	034°59.692 W	05:00	100.00%
18				Yes	03/06/2014	09°57.459 N	035°05.824 W	05:10	91.94%
19				Yes	04/06/2014	10°00.515 N	035°00.62 W	05:50	100.00%
20				Yes	06/06/2014	09°59.281 N	023°10.297 W	00:45	100.00%
21				Yes	07/06/2014	08°00.226 N	019°04.573 W	01:30	100.00%
22				Yes	09/06/2014	02°36.001 N	014°04.803 W	01:20	100.00%
23				Yes	09/06/2014	02°38.852 N	014°06.783 W	01:15	73.33%
24				Yes	10/06/2014	02°29.3515 S	013°00.966 W	01:20	100.00%
25				Yes	11/06/2014	05°23.912 S	018°08.676 W	01:50	100.00%
26				Yes	13/06/2014	05°24.148 S	011°50.42 W	01:30	100.00%
27				Yes	14/06/2014	06°58.433 S	010°00.518 W	01:20	100.00%
28				Yes	14/06/2014	06°55.353 S	010°02.972 W	01:40	100.00%
29				Yes	14/06/2014	06°51.748 S	010°05.867 W	01:55	73.91%
30				Yes	14/06/2014	06°47.929 S	010°08.723 W	02:05	100.00%
31				Yes	15/06/2014	06°19.84 S	009°50.639 W	01:50	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
32				Yes	16/06/2014	05°58.674 S	008°02.413 W	02:25	100.00%
33				Yes	17/06/2014	06°45.377 S	004°19.098 W	01:30	100.00%
34				Yes	29/06/2014	29°24.811 S	010°50.125 E	02:25	100.00%

Comments:

The full duration of transshipments 14, 15, 16, 18, 23 and 29 were not fully observed due to meal times or extended transshipment durations with transshipments done immediately after another.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	23.827	22.546	0.383	1.205	0.000	0.000	0.000	0.000	24.210	23.751	-0.460	-1.93%
2	2.096	35.626	1.087	0.739	7.944	8	33.254	0	44.381	44.365	-0.02	-0.04%
3	11.918	22.133	0.973	0.519	0.000	0.000	16.423	0.000	29.314	22.652	-6.660	-29.41%
4	13.236	41.467	1.529	0.941	0.000	0.000	27.425	0.000	42.190	42.408	0.220	0.51%
5	7.289	18.223	0.890	1.027	0.000	0.000	8.791	0.000	16.970	19.250	2.280	11.84%
6	33.274	58.326	2.749	2.048	0.000	0.000	23.355	0.000	59.378	60.374	1.000	1.65%
7	9.406	22.300	0.880	0.660	0.000	0.000	11.635	0.000	21.921	22.960	1.040	4.53%
8	14.704	27.909	0.520	0.280	0.000	0.000	11.861	0.000	27.085	28.189	1.100	3.92%
9	16.615	36.291	2.106	2.240	0.000	0.000	25.207	0.000	43.928	38.531	-5.400	-14.01%
10	7.528	30.400	1.696	2.000	0.000	0.000	13.506	0.000	22.730	32.400	9.670	29.85%
11	9.090	23.899	0.588	1.211	2.814	2.200	19.337	1.351	31.829	28.661	-3.170	-11.05%
12	15.080	38.800	0.711	0.800	0.000	0.000	17.438	0.000	33.229	39.600	6.370	16.09%
13	13.955	32.631	0.300	0.600	10.422	14.400	28.459	20.059	53.136	67.690	14.550	21.50%
14	13.415	40.923	0.367	1.246	13.370	17.200	35.568	20.979	62.720	80.348	17.630	21.94%
15	42.209	95.840	2.656	5.500	2.826	3.320	47.177	0.000	94.868	104.660	9.790	9.36%
16	41.766	107.000	2.550	6.800	2.913	3.000	56.964	0.000	104.192	116.800	12.610	10.79%
17	36.495	94.878	3.878	3.494	0.000	0.000	43.321	0.000	83.694	98.372	14.680	14.92%
18	40.695	99.333	2.935	6.702	0.000	0.000	40.241	2.000	83.871	108.035	24.160	22.37%
19	48.959	133.286	4.442	1.995	0.000	0.000	66.699	2.100	120.100	137.381	17.280	12.58%
20	25.445	26.485	0.000	0.000	0.000	0.000	0.000	0.000	25.445	26.485	1.040	3.93%
21	1.322	1.570	17.502	17.956	1.527	1.425	0.065	0.000	20.416	20.951	0.540	2.55%
22	11.892	18.688	1.018	2.082	0.000	1.889	6.239	0.000	19.149	22.659	3.510	15.49%
23	5.770	26.200	0.305	1.537	14.835	10.060	16.057	0.000	36.967	37.797	0.830	2.20%
24	12.629	24.148	0.699	1.572	4.642	5.128	9.772	0.000	27.742	30.848	3.110	10.07%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
25	26.834	41.770	1.257	1.676	0.000	0.000	15.444	0.000	43.535	43.446	-0.090	-0.20%
26	24.150	33.029	1.524	1.524	0.000	0.000	8.701	0.000	34.375	34.553	0.180	0.52%
27	8.701	19.550	1.418	1.155	3.385	3.468	8.771	0.000	22.275	24.173	1.900	7.85%
28	8.633	24.235	0.868	1.005	4.035	4.776	11.272	0.000	24.808	30.016	5.210	17.35%
29	0.961	22.612	0.000	0.835	23.193	18.438	1.655	0.000	25.809	41.885	16.080	38.38%
30	6.178	14.872	0.259	0.951	11.655	13.309	6.795	0.000	24.887	29.132	4.250	14.57%
31	39.958	50.392	0.921	1.359	0.000	0.000	12.284	0.000	53.163	51.751	-1.410	-2.73%
32	42.442	55.732	1.245	2.214	2.123	2.081	14.060	0.000	59.870	60.027	0.160	0.26%
33	29.079	37.797	1.031	1.718	0.000	0.000	9.170	0.000	39.280	39.515	0.230	0.59%
34	9.306	18.200	2.659	7.000	0.333	0.500	11.885	7.400	52.427	65.100	12.670	19.47%

Comments:

Transshipment 3: The observer counted 15 *Thunnus albacares*, 168 *Thunnus obesus* and 232 mixed tunas (415 fish in total). The LSPLV declared 320 fish collectively. The transshipment was slow and all the fish were first hoisted to the hauling deck of the LSPLV allowing the observer to obtain relatively accurate counts of the fish.

Transshipment 5: The observer counted 13 *T. albacares*, 114 *T. obesus* and 137 mixed tunas (264 fish in total). The LSPLV declared 300 fish collectively. The transshipment was slow and all the fish were first hoisted to the hauling deck of the LSPLV allowing the observer to obtain relatively accurate counts of the fish.

Transshipment 9: The observer counted 47 *T. albacares*, 369 *T. obesus* and 560 mixed tunas (976 fish in total). The LSPLV declared 856 fish collectively. The transshipment was slow and all the fish were first hoisted to the hauling deck of the LSPLV allowing the observer to obtain relatively accurate counts of the fish.

Transshipment 10: The transshipment was conducted at high speed with whole strings hoisted directly from the hold of the LSPLV to the hold of the CV. This made the estimation of species and the numbers of fish very difficult. The discrepancy between the observer's estimate and the declared amount may be due to under estimated numbers.

Transshipment 11: The observer counted 17 *T. albacares*, 202 *T. obesus* and 302 mixed tunas (527 fish in total). The LSPLV declared 35 *T. albacares*, 655 *T. obesus* (690 fish collectively).

Transshipment 12: The observer counted 384 *Thunnus obesus*, 16 *T. albacares* and 443 mixed tunas (843 fish in total). The LSPLV declared 1006 fish collectively. The transshipment was slow and all the fish were first hoisted to the hauling deck of the LSPLV allowing the observer to obtain relatively accurate counts of the fish.

Transshipment 13: The transshipment was conducted at high speed with whole strings hoisted directly from the hold of the LSPLV to the hold of the CV. This made the estimation of species and the numbers of fish very difficult. The discrepancy between the observer's estimate and the declared amount may be due to under estimated numbers.

Transshipment 14: The transshipment was conducted at high speed with whole strings hoisted directly from the hold of the LSPLV to the hold of the CV. This made the estimation of species and the numbers of fish very difficult. The discrepancy between the observer's estimate and the declared amount may be due to under estimated numbers.

Transshipment 17: Fish was hauled directly out of the vessel hold and transferred to CV hold in large strings and this made it difficult for the observer to count accurately

Transshipment 18: Fish was hauled directly out of the vessel hold and transferred to CV hold in large strings and this made it difficult for the observer to count accurately

Transshipment 22: Fish was hauled directly out of the vessel hold and transferred to CV hold in large strings and this made it difficult for the observer to count accurately

Transshipment 28: Fish was hauled directly out of the vessel hold and transferred to CV hold in large strings and this made it difficult for the observer to count accurately

Transshipment 29: The observer took a break to have lunch at the start of the transshipment. This was due to a number of transshipments in a row. The transshipment rate may have been different during this break compared to the rate of transshipment of the rest of the transshipment.

Transshipment 30: Fish was hauled directly out of the vessel hold and transferred to CV hold in large strings and this made it difficult for the observer to count accurately

Transshipment 34: The observer counted 549 *Thunnus maccoyii*, 49 *T. albacares*, 203 *T. obesus* and 128 mixed tunas (801 fish in total). The LSPLV declared 622 *Thunnus maccoyii*, 129 *T. albacares*, 397 *T. obesus* (1148 fish collectively).

6 Species and weight transferred

The CV contained 400 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name		Observed		Declared	
			Weight	%	Weight	%
Other fish		All	4.63	0.31%	5.43	0.32%
Albacore	<i>Thunnus alalunga</i>	All	17.69	1.19%	19.71	1.18%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	6.32	0.38%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	0.67	0.04%
Bigeye tuna	<i>Thunnus obesus</i>	All	662.75	44.53%	1397.09	83.42%
Blue shark	<i>Prionace glauca</i>	All	11.08	0.74%	6.61	0.39%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	All	0.00	0.00%	1.40	0.08%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.00	0.00%	0.09	0.01%
Mako sharks	<i>Isurus spp</i>	All	0.88	0.06%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	8.85	0.59%	0.00	0.00%
Mixed Tunas		All	592.33	39.80%	0.00	0.00%
Oilfish	<i>Ruvettus pretiosus</i>	All	0.17	0.01%	1.05	0.06%
Opah	<i>Lampris guttatus</i>	All	1.04	0.07%	1.01	0.06%
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	All	0.00	0.00%	0.99	0.06%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	0.92	0.06%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	5.53	0.37%	3.96	0.24%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	28.24	1.90%	32.00	1.91%
Swordfish	<i>Xiphias gladius</i>	All	94.45	6.35%	109.19	6.52%
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	All	0.00	0.00%	6.22	0.37%
Yellowfin tuna	<i>Thunnus albacares</i>	All	61.31	4.12%	82.59	4.93%

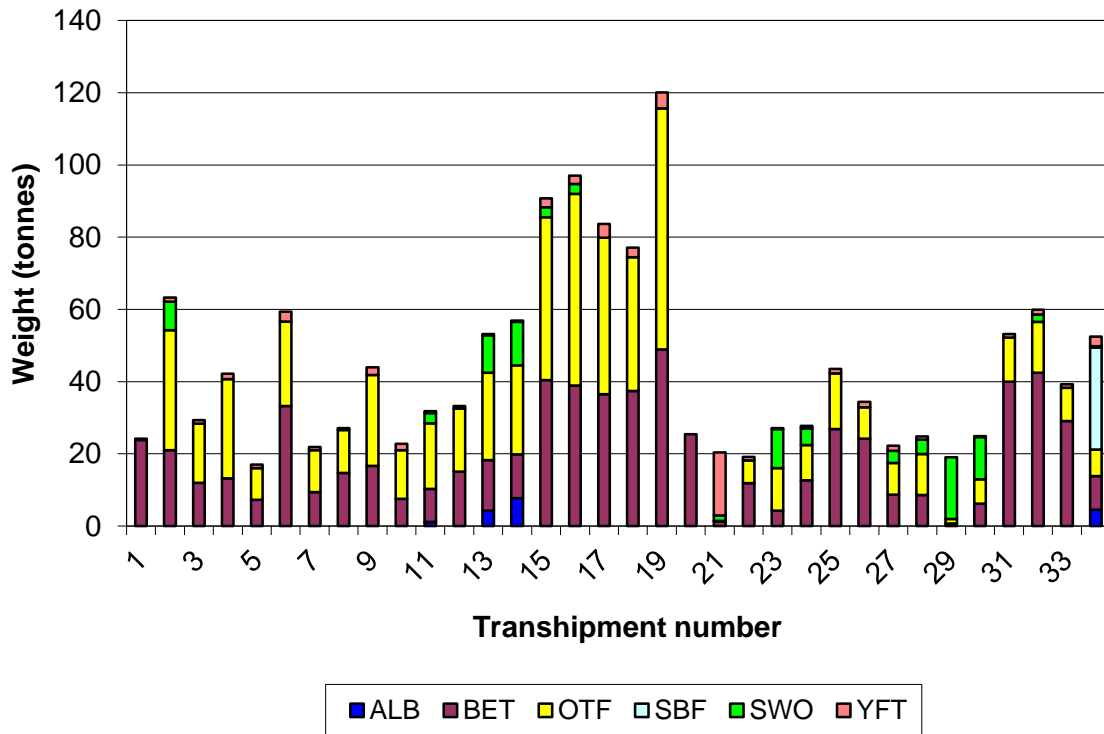


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		34.57
Albacore	<i>Thunnus alalunga</i>	23.37
Bigeye tuna	<i>Thunnus obesus</i>	43.01
Blue shark	<i>Prionace glauca</i>	34.53
Mako sharks	<i>Isurus spp</i>	40.00
Marlins, sailfishes,etc. nei	<i>Istiophoridae</i>	47.05
Mixed Tunas		40.39
Oilfish	<i>Ruvettus pretiosus</i>	15.36
Opah	<i>Lampris guttatus</i>	14.39
Shortfin mako	<i>Isurus oxyrinchus</i>	49.79
Southern bluefin tuna	<i>Thunnus maccoyii</i>	51.45
Swordfish	<i>Xiphias gladius</i>	48.49
Yellowfin tuna	<i>Thunnus albacares</i>	34.00

Comments:

Fish were brought out of the LSPLV hold and placed on the deck.

This made it easy for the observer to count, determine species and see the processing method as the fish were lying on deck. The fish were then hooked onto the crane and transferred into the CV hold. This made it easy for the observer to estimate an average weight per species.

On nine occasion's (transhipments) fish were transferred directly out of the LSPLV hold to the CV hold.

The most common species to be transhipped were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*T. albacares*) and swordfish (*Xiphias gladius*). The main processing types for tunas were gilled and gutted (GG), swordfish were headed gutted and tailed (DR). Other species transhipped did include albacore (*Thunnus alalunga*), shortfin mako (*Isurus oxyrinchus*), marlins, sailfishes, etc. nei (*Istiophoridae*), blue shark (*Prionace glauca*), oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*) and southern bluefin tuna (*Thunnus maccoyii*).

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
34				Yes	29/06/2014	29°24.811 S	010°50.125 E	02:25	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of fish (t)	Catch Monitoring Form Number	Tag series number (from – to)
34	9	622	32.398	CM-JP-14-089-01	0001 - 0622

Comments:

The tag series numbers were recorded as 001 to 0622. The observer noted the tag series number on the tags provided more retail, but he was unable to obtain specifics of the tag numbers due to the speed of the transhipment.

The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Form (CMF) was completed for the *Thunnus maccoyii* transhipped. The observer countersigned the form.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	*Type	Last entry
1			Yes	12/05/14	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Y	Yes	Yes	Yes	PB	12/05/2014
2			Yes	15/05/14	Yes	Yes	Yes	Yes	Yes	14/10/16	Yes	Y	Yes	Yes	Yes	PB	15/05/2014
3			Yes	17/05/14	Yes	Yes	Yes	Yes	Yes	09/12/14	Yes	Y	Yes	Yes	Yes	PB	16/05/2014
4			Yes	17/05/14	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	17/05/2014
5			Yes	17/05/14	Yes	Yes	Yes	Yes	Yes	13/11/15	Yes	Y	Yes	Yes	Yes	PB	17/05/2014
6			Yes	18/05/14	Yes	Yes	Yes	Yes	Yes	05/12/15	Yes	Y	Yes	Yes	Yes	PB	17/05/2014
7			Yes	19/05/14	Yes	Yes	Yes	Yes	Yes	06/04/16	Yes	Y	Yes	Yes	Yes	PB	19/05/2014
8			Yes	20/05/14	Yes	Yes	Yes	Yes	Yes	16/09/14	Yes	Y	Yes	Yes	Yes	PB	20/05/2014
9			Yes	21/05/14	Yes	Yes	Yes	Yes	Yes	18/11/14	Yes	Y	Yes	Yes	Yes	PB	21/05/2014
10			Yes	24/05/14	Yes	Yes	Unk	Yes	Yes	31/03/16	Yes	N	Yes	Yes	Yes	EL	23/05/2014
11			Yes	25/05/14	Yes	Yes	Unk	Yes	Yes	30/06/14	Yes	N	Yes	Yes	Yes	PB	24/05/2014
12			Yes	26/05/14	Yes	Yes	Unk	Yes	Yes	31/03/17	Yes	N	Yes	Yes	Yes	PB	24/05/2014
13			Yes	20/05/14	Yes	Yes	Unk	Yes	Yes	31/03/17	Yes	N	Yes	Yes	Yes	PB	25/05/2014
14			Yes	27/05/14	Yes	Yes	Unk	Yes	Yes	31/03/17	Yes	N	Yes	Yes	Yes	PB	26/05/2014
15			Yes	28/05/14	Yes	Yes	Yes	Yes	Yes	05/01/15	Yes	Y	Yes	Yes	Yes	PB	25/05/2014
16			Yes	28/05/14	Yes	Yes	Yes	Yes	Yes	08/07/14	Yes	Y	Yes	Yes	Yes	PB	26/05/2014
17			Yes	03/06/14	No	Yes	Unk	Yes	Yes	19/10/15	Unk	Y	Yes	Yes	Yes	UB	31/05/2014
18			Yes	03/06/14	Yes	Yes	Unk	Faxed	Yes	20/01/15	Unk	Y	Yes	Yes	Yes	PB	03/06/2014
19			Yes	04/06/14	No	Yes	Unk	Yes	Yes	27/03/17	Unk	Y	Yes	Yes	Yes	PB	04/06/2014
20			Yes	06/06/14	Yes	Yes	Unk	Yes	Yes	05/07/19	Yes	Y	Yes	Yes	Yes	PB	06/06/2014
21			Yes	07/06/14	Yes	Yes	Yes	Yes	Yes	11/10/14	Yes	N	Yes	Yes	Yes	PB	06/06/2014
22			Yes	09/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	08/06/2014
23			Yes	09/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	05/06/2014
24			Yes	10/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	08/06/2014
25			Yes	11/06/14	No	Yes	Yes	Yes	Yes	12/03/16	Yes	Y	Yes	Yes	Yes	PB	11/06/2014
26			Yes	13/06/14	Yes	Yes	Yes	Yes	Yes	12/03/16	Yes	Y	Yes	Yes	Yes	PB	13/06/2014
27			Yes	14/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	11/06/2014
28			Yes	14/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/06/2014
29			Yes	14/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17		Y	Yes	Yes	Yes	PU	10/06/2014
30			Yes	14/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	11/06/2014

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	*Type	Last entry
31			Yes	15/06/14	Yes	Yes	Yes	Yes	Yes	08/08/16	Yes	Y	Yes	Yes	Yes	PB	15/06/2014
32			Yes	16/06/14	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Y	Yes	Yes	Yes	PB	16/06/2014
33			Yes	17/06/14	Yes	Yes	Yes	Yes	Yes	14/05/16	Yes	Y	Yes	Yes	Yes	PB	16/06/2014
34			Yes	29/06/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/06/2014

Comments.

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Transhipments 10, 11,12,13,14,17,18,19 and 20: The NRN was not displayed by the LSPLV and therefore was recorded as unknown.

Transhipments17, 18 and 19: The LSPLV ATT was printed in Korean. The observer could not interpret the section of the document indicating the fishing area and noted it as unknown.

The observer completed 6 Potential Non Compliance (PNC) reports. The nature of the PNC are listed in table 9

Table 9 Summary of PNC reports.

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3	Comments
5			1	IIM			LSPLV markings not correctly displayed.
10			2	DNP	LNB	LNN	Prior authorization not presented to the observer. Logbook not bound. Logbook sheets not numbered.
11			3	DNP			Prior authorization not presented to the observer.
12			4	DNP	IIM		Prior authorization not presented to the observer. LSPLV markings not correctly displayed.
13			5	DNP			Prior authorization not presented to the observer.
14			6	DNP			Prior authorization not presented to the observer.
17			7	LNN	LND		Logbook sheets not numbered. Logbook not up to date.

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3	Comments
18			8	ANP			No authorization to fish presented to the observer by the LSPLV.
20			9	LNN			Logbook sheets not numbered.
21			10	DNP			Prior authorization not presented to the observer.
23			11	LNB	LNN	LND	Logbook not bound. Logbook sheets not numbered. Logbook not up to date.
24			12	LNB	LNN		Logbook not bound. Logbook sheets not numbered.
27			13	LNB	LNN	LND	Logbook not bound. Logbook sheets not numbered. Logbook not up to date.
28			14	LNP	LNN	LNB	No logbook presented to the observer by the LSPLV. Logbook sheets not numbered. Logbook not Bound.
29			15	LNN	LND	LNB	Logbook sheets not numbered. Logbook not up to date. Logbook not up to date.
30			16	LNB	LNN	LND	Logbook not up to date. Logbook sheets not numbered. Logbook not up to date.

Table 10 **Comments from inspections**

TS No.	Vessel Name	ICCAT No.	Comments
1			The observer had difficulty in determining the amount of catch on board (section 4a in the report). The LSPLV master did not understand the questions even after presenting him with a translation card. He only provided the data of the catch transshipped.
2			No comment.
3			No comment.
4			The vessel ICCAT number on the Authorization To Fish (ATT) was not the same as on the vessel list provided to the observer. The ATT show the ICCAT number to be xxxand the vessel list show yyy.
5			The vessel name on the bow was displayed as xxx. The stern of the LSPLV only displayed the numbers 236 (with some oriental characters) on it.
6			No comment.
7			No comment.
8			<p>The vessel ICCAT number on the Authorization To Fish (ATT) was not the same as on the vessel list provided to the observer. The ATT reflected the ICCAT number as "xx" and the vessel list provided the number "xx".</p> <p>Figure 3 ATT of the LSPLV xx</p>
9			No comment.
10			<p>The NRN was not displayed by the LSPLV.</p> <p>The vessel could not present the observer with an ATT at the time of the inspection. The observer issued the vessel with PNC.</p> <p>The vessel kept an electronic fishing logbook.</p>
11			<p>The LSPLV did not display the NRN of the vessel.</p> <p>The vessel could not present the observer with an ATT when requested during the inspection.</p>

TS No.	Vessel Name	ICCAT No.	Comments
12	CHANG RONG NO.1	AT000CHN00061	<p>The observer was unable to verify the NRN as the vessel list provided did not contain the NRN.</p> <p>The vessel could not present the observer with an ATT at the time of the inspection. The observer issued the vessel with PNC code DNP and IMM IIM. The vessel name on the stern is displayed as xx and the bow show xx.</p> <p>Figure 4 Name markings of the xxx</p>
13	JIN FENG NO.6	AT000CHN00024	<p>The LSPLV did not display the NRN.</p> <p>The vessel could not present the observer with an ATT at the time of the inspection.</p>
14	JIN FENG NO.5	AT000CHN00023	<p>The LSPLV did not display the NRN.</p> <p>The vessel could not present the observer with an ATT at the time of the inspection. The observer issued the vessel with PNC code DNP.</p> <p>The LSPLV gave the observer an transshipment schedule and claimed it was the ATT.</p>
15	YUNG HAN NO.101	AT000TAI00182	<p>The vessel's VMS antennas were covered with canvas and tied with cable ties.</p>
16	YUNG FENG NO.101	AT000TAI00185	<p>No comment.</p>
17	No.11 Dae Sung	AT000KOR00093	<p>The vessel name displayed (11 DAE SUNG) was not consistent with the vessel name in the ICCAT vessel list (No.11 Dae Sung). The vessel name on the bow was partially obscured by fouling on the vessel.</p> <p>Figure 4 Name markings of the xx</p> <p>The NRN was not displayed by the LSPLV.</p> <p>The ATF was printed in Korean and the observer could not determine the area of operation.</p> <p>The vessel logbook was unprinted and bound and pages were not numbered. The logbook was also not up to date. The last entry was on 31/05/2014.</p>

TS No.	Vessel Name	ICCAT No.	Comments
18			<p>The NRN was not displayed. The vessel could not present the observer with an ATF at the time of the inspection. The observer issued the vessel with PNC code ANP. The ATF was faxed to the CV the next day. The fishing area on the ATF was printed in Korean and the observer could not interpret the section of the document indicating the fishing area.</p>
19			<p>The name displayed by the LSPLV was not consistent with the name provided by the ICCAT vessel list The English name of the vessel was not provided in the ATF.</p> <p>Figure 5 Name markings of the LSPLV xxx</p> <p>The LSPLV did not display the NRN. The fishing area on the ATF is in Korean and the observer could not interpret the section of the document indicating the fishing area.</p>
20			<p>The LSPLV did not display the vessel's NRN. The vessel logbook is printed and bound, but the pages did not display page serial numbers.</p>
21			<p>The LSPLV did not have an ATT on board to present to observer during the inspection.</p>
22			<p>No comment.</p>
23			<p>The master of the LSPLV did not understand question 4a. ("Total catch on board before the transshipment"). The fishing logbook presented for inspection was printed and unbound. The logbook was last updated on 5/06/2014 and the pages were not numbered.</p>
24			<p>The fishing logbook was printed, unbound and the page numbers were not numbered.</p>
25			<p>The LSPLV displayed the name "". This was not consistent with the name "xx" provided in the ICCAT vessel list. The transshipment was conducted at night and vessel markings were not legible in the photographs taken.</p>
26			<p>No comment.</p>

TS No.	Vessel Name	ICCAT No.	Comments
27			The LSPLV logbook was printed and unbound. The pages did not have serial numbers and was not up to date with the last entry on 11/06/2014.
28			The LSPLV maintained the fishing logbook on an electronic format
29			The LSPLV only has the Japanese version of the ATF on board. As a result the area of operation could not be verified. The fishing logbooks were printed but unbound and the pages were not numbered with serial numbers.
30			The fishing logbooks were printed but unbound and the pages were not numbered with serial numbers.
31			No comment
32			No comment.
33			No comment.
34			The LSPLV experienced engine problems and had just returned from port (Cape Town). Therefore the last fishing entry in the fishing logbook was made on the 16/06/2014. The fishing logbook was maintained electronically and a printout of the log was provided for the observer's inspection.

8.1 Verifying vessel name / RFMO number and National Registration Number.

Transhipments 10, 11, 12,13,14,17,8,19 and 20: The NRN was not displayed by the LSPLV.

Transhipment 4: The LSPLV ICCAT number on the ATT w not the same as on the vessel list provided to the observer. The ATT show the ICCAT number to be "xxx" and the vessel list show "yyy".

Transhipment 5: The LSPLV name on the bow was displayed as xxx and the stern only displayed the numbers 236 (with some oriental characters) on it.

Transhipment 8: The LSPLV ICCAT number on the ATT was not the same as on the vessel list provided to the observer. The ATT reflected the ICCAT number as "xxx" and the vessel list provided the number "xxx".

Transhipment 12: The LSPLV name on the stern was displayed as xxx and the bow show the name as xxx

Transhipment 17: The LSPLV name was displayed was not consistent with the vessel name in the ICCAT vessel list.

Transhipment 19: The name displayed by the LSPLV was not consistent with the name provided by the ICCAT vessel list

Transhipment 25: The LSPLV displayed the name was not consistent with the name provided in the ICCAT vessel list.

Kinei Maru 81 markings on the stern and bow didn't match. The stern displayed xxxand the bow showed yyy (In port transhipment Walvis Bay).

8.2 Issues with Fishing Licence, logbooks or VMS

Transhipment 1: The observer could not verify the fishing logbook because of it being in Taiwanese.

Transhipment 15: The LSPLV VMS antennas were covered with canvas and tied with cable ties.

Transhipment 17, 18 and 19: The ATF was printed in Korean and the observer could not determine the area of operation.

Transhipment 19: The English name of the LSPLV was not provided in the ATF.

Transhipment 29: The LSPLV only had the Japanese version of the ATF on board. As a result the observer could not verify the area of operation.

9 Other Observer Tasks.

9.1 CV waste disposal

All vessel waste was retained for land disposal. Plastic, paper, cardboard boxes and other likely materials was incinerated and incinerator ashes were retained for land disposal.

9.2 Unidentified or IUU vessels

No Unidentified or IUU vessels were sighted for the duration of the voyage.

9.3 Marine mammals.

No marine mammal sightings.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

*Emailed to the CV

Yes	No
X*	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		09/05/2014	22 ⁰ 53.379S	14 ⁰ 28.291E	Transshipping in Walvis Bay, Namibia	Yes
		10/05/2014	22 ⁰ 53.436S	14 ⁰ 28.338E	Transshipping in Walvis Bay, Namibia.	Yes
		14/05/2014	8 ⁰ 59.800S	2 ⁰ 00.290E	Transferring of bait to fishing vessel.	Yes
		16/05/2014	2 ⁰ 04.157 S	3 ⁰ 18.359 W	Bunkers, provisions and fishing gear.	Yes
		16/05/2014	2 ⁰ 03.664 S	3 ⁰ 18.970 W	Bait and provisions.	Yes
		16/05/2014	2 ⁰ 03.011 S	3 ⁰ 19.729 W	Provisions.	Yes
		16/05/2014	2 ⁰ 02.894 S	3 ⁰ 20.349 W	Provisions, bait and fishing gear.	Yes
		16/05/2014	2 ⁰ 33.997 S	3 ⁰ 25.152 W	Provisions and bait.	Yes
		16/05/2014	2 ⁰ 33.034 S	3 ⁰ 25.904 W	Provisions and bait.	Yes
		16/05/2014	2 ⁰ 32.167 S	3 ⁰ 26.605 W	Provisions and bait.	Yes
		17/05/2014	2 ⁰ 21.690 S	6 ⁰ 13.060 W	Fuel, FW, Provisions and bait.	Yes
		18/05/2014	2 ⁰ 10.712 S	7 ⁰ 42.208 W	Provisions and bait.	Yes
		18/05/2014	2 ⁰ 10.332 S	7 ⁰ 42.943 W	Provisions and bait.	Yes
		19/05/2014	4 ⁰ 59.056 S	8 ⁰ 00.328 W	Provisions and bait.	Yes
		19/05/2014	4 ⁰ 55.505 S	9 ⁰ 08.541 W	Provisions and bait.	Yes
		31/05/014	16 ⁰ 52.981 N	25 ⁰ 00.443 W	Transshipment in Cabo Verde, Soa Vicente.	Yes
		31/05/014	16 ⁰ 52.982 N	25 ⁰ 00.447 W	Transshipment in Cabo Verde, Soa Vicente.	Yes
		13/06/2014	5 ⁰ 24 N	11 ⁰ 50 W	Dry cargo.	Yes

ICCAT

Observer Report



Trip Number:	153/14
Vessel Name:	Shin Fuji
ICCAT Ref. No.	AT000JPN00576
Observer Name:	Samantha Clifton
Cruise Dates:	From: 08/06/2014 To: 31/07/2014

1 Cruise Summary

In accordance with the bilateral agreement between Toei Marine Enterprise LTD and MRAG LTD, Samantha Clifton (ICCAT120) joined the Vanuatu registered Carrier Vessel (CV) Shin Fuji (AT000JPN00576) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 08/06/2014 to 31/07/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Shin Fuji	Call sign:	YJQA4
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Sea Road Line Inc.	Charterer:	Toei Reefer Line Co., LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2224 MT
Size (GRT):	3822 MT	Length (LOA):	99.5M
On-board acoustic equipment:		JRC: JFE-680	
Position fixing equipment:		JRC x3	
Vessel monitoring system (present/absent):		JRC: JHS-182	
Radar:		JRC x2	
Communications equipment:		Inmarsat C (JRC: NCU-247A) VHF (JRC: NCM-1770) SSB (JRC: SSB-28)	
Plotters:		None	
Tuna products already on board (Quantity)		No	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	08/06/2014
Method of embarkation*	Portside
Date of departure	11/06/2014
Date of first transshipment	18/06/2014
Date of last transshipment	24/07/2014
Date of return	31/07/2014
Date of disembarkation	31/07/2014
Method of disembarkation*	Portside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 25 transhipments at sea. The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

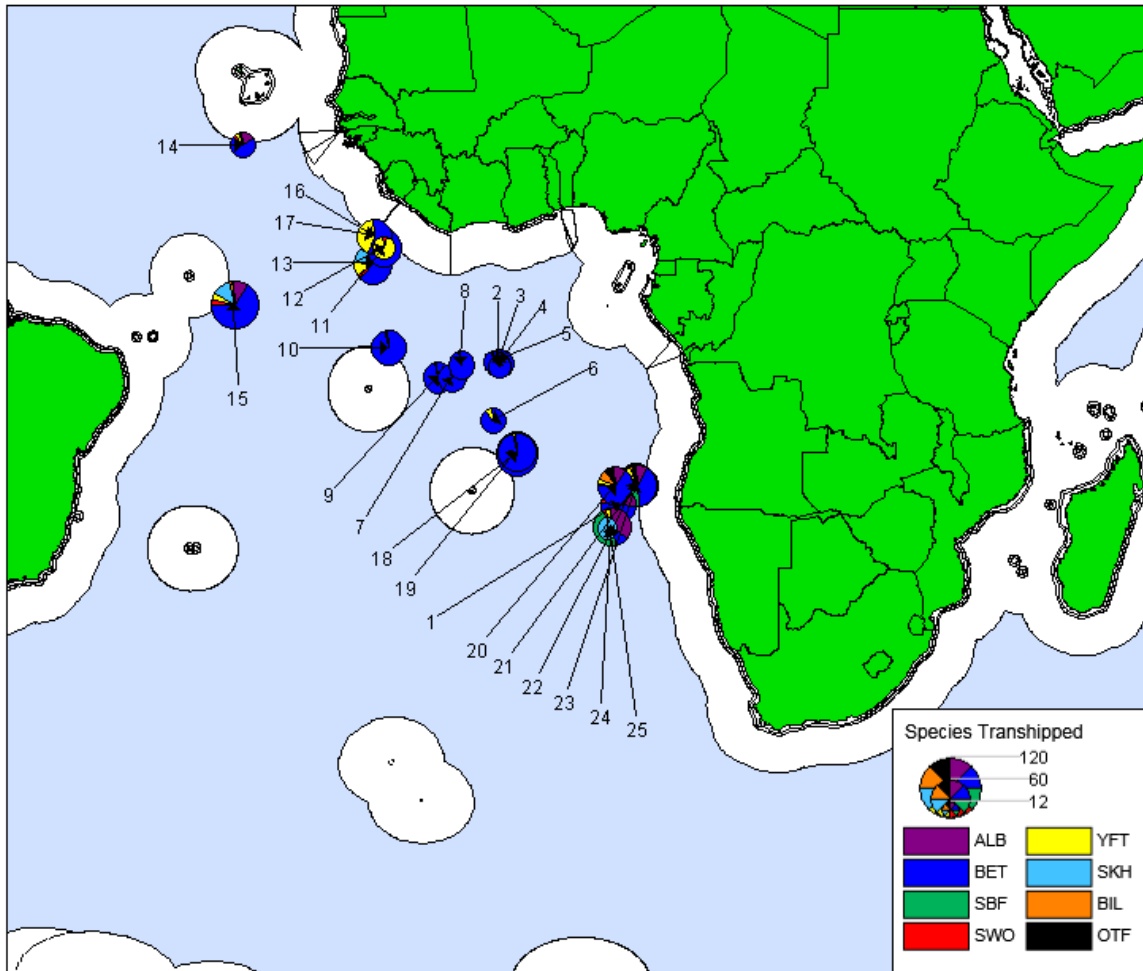


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	11
	10
	3

Comments: 9 non-ROP transhipments were also performed (appendix 1).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	18/06/2014	16°58.11 S	006°31.23 E	04:05	100.00
2				Yes	22/06/2014	06°04.74 S	003°29.67 W	01:15	100.00
3				Yes	22/06/2014	06°01.61 S	003°30.31 W	01:20	100.00
4				Yes	22/06/2014	05°56.19 S	003°32.11 W	01:35	100.00
5				Yes	23/06/2014	05°47.21 S	003°52.29 W	01:30	100.00
6				Yes	24/06/2014	10°25.71 S	004°00.27 W	02:50	100.00
7				Yes	25/06/2014	07°02.13 S	007°33.73 W	01:30	100.00
8				Yes	26/06/2014	05°58.16 S	006°41.16 W	01:25	100.00
9				Yes	27/06/2014	06°58.74 S	008°35.68 W	02:45	100.00
10				Yes	28/06/2014	04°39.69 S	012°50.58 W	03:40	100.00
11				Yes	30/06/2014	03°10.56 N	013°09.63 W	02:30	100.00
12				Yes	30/06/2014	03°15.82 N	013°11.64 W	01:35	100.00
13				Yes	01/07/2014	02°01.49 N	014°03.12 W	04:35	100.00
14				Yes	04/07/2014	11°16.77 N	024°59.3 W	02:10	100.00
15				Yes	10/07/2014	01°16.71 S	025°38.84 W	07:00	100.00
16				Yes	14/07/2014	04°06.26 N	013°59.25 W	03:05	100.00
17				Yes	14/07/2014	04°05.39 N	013°58.95 W	03:30	100.00
18				Yes	19/07/2014	12°59.65 S	001°58.53 W	03:35	100.00
19				Yes	19/07/2014	12°54.05 S	002°01.05 W	03:25	100.00
20				Yes	21/07/2014	15°31.31 S	006°14.66 E	04:15	100.00
21				Yes	22/07/2014	15°29.01 S	007°59.73 E	04:00	100.00
22				Yes	22/07/2014	15°18.4 S	007°57.91 E	04:25	100.00
23				Yes	23/07/2014	15°29.26 S	007°59.54 E	04:30	100.00
24				Yes	24/07/2014	18°40.21 S	005°52.23 E	03:05	100.00
25				Yes	24/07/2014	18°57.19 S	005°41.89 E	02:10	100.00

Comments:

None.

Table 3 Summary of vessel / observer estimated figures

No	Southern Bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0.00	0.00	36.46	32.97	4.74	8.86	4.72	4.08	21.71	23.28	67.63	69.19	1.56	2.25
2	0.00	0.00	27.11	26.95	0.90	0.94	0.00	0.00	0.00	0.00	28.01	27.90	-0.12	-0.41
3	0.00	0.00	31.11	31.11	0.60	0.66	0.00	0.00	0.00	0.00	31.71	31.77	0.05	0.17
4	0.00	0.00	41.83	41.78	0.91	0.91	0.00	0.00	0.00	0.00	42.74	42.68	-0.05	-0.12
5	0.00	0.00	24.13	24.22	1.18	1.14	0.00	0.00	0.00	0.00	25.31	25.36	0.05	0.20
6	0.00	0.00	33.71	32.00	3.80	3.80	0.00	0.00	0.00	0.00	37.51	35.80	-1.71	-4.78
7	0.00	0.00	41.118	41	1.652	1.6	0.00	0.00	0.00	0.00	42.77	42.6	-0.17	-0.40
8	0.00	0.00	37.60	36.94	0.59	0.59	0.00	0.00	0.00	0.00	38.19	37.53	-0.66	-1.75
9	0.00	0.00	48.64	47.95	0.39	0.43	0.00	0.00	0.00	0.00	49.03	48.38	-0.65	-1.34
10	0.00	0.00	66.47	62.00	1.88	2.00	0.00	0.00	0.00	0.00	68.36	64.00	-4.36	-6.80
11	0.00	0.00	69.49	68.77	2.95	2.95	0.00	0.00	0.00	0.00	72.44	71.72	-0.72	-1.01
12	0.00	0.00	0.17	0.17	25.61	25.90	1.65	1.57	0.00	0.00	27.43	27.64	0.21	0.75
13	0.00	0.00	39.03	41.52	9.72	8.98	3.06	3.04	26.59	26.13	78.40	79.67	1.27	1.59
14	0.00	0.00	26.68	25.53	2.77	2.43	1.88	1.80	8.18	8.71	39.51	38.47	-1.04	-2.71
15	0.00	0.00	70.35	72.17	4.27	4.27	4.96	4.72	32.26	31.95	111.84	113.11	1.26	1.12
16	0.00	0.00	23.42	23.47	30.29	30.44	10.00	9.95	0.00	0.00	63.70	63.85	0.15	0.23
17	0.00	0.00	34.81	34.64	29.28	29.15	0.00	0.00	0.00	0.00	64.08	63.79	-0.30	-0.47
18	0.00	0.00	98.99	99.39	1.68	1.72	0.00	0.00	0.00	0.00	100.67	101.11	0.44	0.44
19	0.00	0.00	74.89	79.024	1.88	1.98	0.00	0.00	0.00	0.00	76.76	81.00	4.24	5.23
20	0.00	0.00	43.33	43.88	4.69	4.29	1.15	1.15	20.48	20.50	69.64	69.81	0.17	0.24
21	31.15	31.80	28.18	28.70	3.27	3.10	1.03	1.00	18.30	18.50	81.93	83.10	1.17	1.40
22	31.63	31.86	20.97	21.29	3.56	3.42	0.68	0.70	19.37	19.72	76.19	76.99	0.80	1.03
23	31.29	31.87	27.13	28.81	5.84	4.18	0.56	0.52	13.37	11.27	78.19	76.66	-1.53	-2.00
24	32.78	32.39	7.81	6.76	3.27	3.85	1.81	1.92	24.34	24.96	70.01	69.88	-0.13	-0.18
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.19	33.30	33.19	33.30	0.12	0.35

Comments:

None.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in 4. A breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed weight	Observed Percentage	Declared weight	Declared Percentage
	Other fish Unclassified	All	1.89	0.13%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	All	105.28	7.14%	110.90	7.52%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	13.92	0.94%	13.81	0.94%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	2.94	0.20%	3.37	0.23%
Bigeye tuna	<i>Thunnus obesus</i>	All	953.41	64.63%	951.02	64.46%
Blue shark	<i>Prionace glauca</i>	All	68.12	4.62%	67.07	4.55%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	13.97	0.95%	12.87	0.87%
Hammerhead sharks nei	Sphyrna spp	All	0.00	0.00%	0.01	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.16	0.01%	0.02	0.00%
Opah	<i>Lampris guttatus</i>	All	7.14	0.48%	7.07	0.48%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.28	0.02%	0.28	0.02%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	0.78	0.05%	0.74	0.05%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.56	0.04%	0.58	0.04%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	126.85	8.60%	127.93	8.67%
Striped marlin	<i>Tetrapturus audax</i>	All	0.88	0.06%	0.91	0.06%
Swordfish	<i>Xiphias gladius</i>	All	31.50	2.14%	30.45	2.06%
Tunas nei	Thunnini	All	4.87	0.33%	3.79	0.26%
Various sharks nei	Selachimorpha (Pleurotremata)	All	0.52	0.04%	0.40	0.03%
Wahoo	<i>Acanthocybium solandri</i>	All	0.03	0.00%	0.03	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	145.70	9.88%	147.59	10.00%

Figure 2 Proportions, by weight, of fish species transferred by transshipment

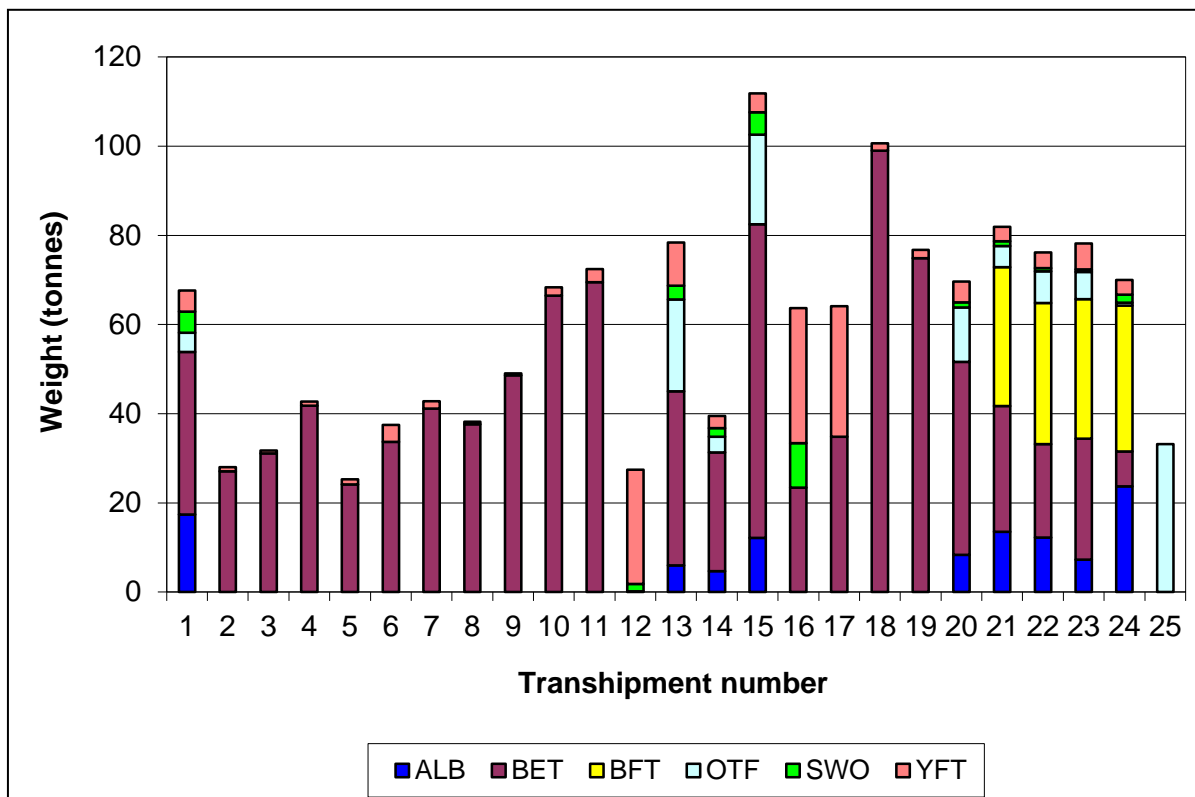


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	32.64
Albacore	<i>Thunnus alalunga</i>	14.81
Atlantic blue marlin	<i>Makaira nigricans</i>	89.24
Atlantic sailfish	<i>Istiophorus albicans</i>	21.60
Bigeye tuna	<i>Thunnus obesus</i>	47.53
Blue shark	<i>Prionace glauca</i>	25.19
Butterfly kingfish	<i>Gasterochisma melampus</i>	15.93
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	11.50
Opah	<i>Lampris guttatus</i>	10.92
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	27.90
Shortfin mako	<i>Isurus oxyrinchus</i>	35.50
Skipjack tuna	<i>Katsuwonus pelamis</i>	6.64
Southern bluefin tuna	<i>Thunnus maccoyii</i>	52.37
Striped marlin	<i>Tetrapturus audax</i>	26.00
Swordfish	<i>Xiphias gladius</i>	34.66
Tunas nei	Thunnini	31.20
Various sharks nei	Selachimorpha (Pleurotremata)	30.59
Wahoo	<i>Acanthocybium solandri</i>	11.00
Yellowfin tuna	<i>Thunnus albacares</i>	31.86

Comments:

The identification materials provided by MRAG, LTD along with the *Marine species identification manual for horizontal longline fishermen* (Chapman, et al., 2006) were used to identify all species transhipped.

Thunnus obesus, *T. albacares*, *T. maccoyii*, and *T. audax* were delivered gilled and gutted. *M. nigricans* was delivered both gilled and gutted and dressed. *T. alalunga* and *K. pelamis* were delivered whole (round) and *X. gladius* was delivered both dressed and filleted. All unclassified fish (other): *I. albicans*, *P. glauca*, *G. melampus*, *S. commerson*, *L. guttatus*, *T. angusticostris*, *I. oxyrinchus* and *A. solandri* were delivered dressed. *Selachimorpha* were delivered as fins and *Thunnini* was delivered as “product”.

Numbers of fish per string were visual estimates based on observer experience except where string size permitted actual counts (usually 15 fish or fewer). Number of fish transferred was used in conjunction with LSPLV declared numbers and weights to derive an observed estimated weight transhipped. This method was used as no scales were available.

No LSPLVs appeared to be using transhipment declarations updated to include stock IDs. It was impossible to determine the stock IDs, which have therefore been labelled as ‘All Atlantic’ in the database.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
21				Yes	22/07/2014	15°29.01 S	007°59.73 E	04:00	100.00
22				Yes	22/07/2014	15°18.4 S	007°57.91 E	04:25	100.00
23				Yes	23/07/2014	15°29.26 S	007°59.54 E	04:30	100.00
24				Yes	24/07/2014	18°40.21 S	005°52.23 E	03:05	100.00

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (t)	Catch Monitoring Form Number	Tag series number (from – to)
21	9	638	31.80	CM-JP-14-083-01	001 ~ 638
22	9	552	31.86	CM-JP-14-085-01	001 ~ 552
23	9	662	31.87	CM-JP-14-086-01	001 ~ 662
24	9	592	32.39	CM-JP-14-090-01	001 ~ 592

Comments: None.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1		Japan	Y	18/06/14	Y	Y	TY1-185	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	18/06/2014
2		Chinese Taipei	Y	22/06/14	Y	Y	CT6-1363	Y	Y	18/10/15	Y	Y	Y	Y	Y	PB	21/06/2014
3		Chinese Taipei	Y	22/06/14	Y	Y	CT-7000566	Y	Y	03/08/15	Y	Y	Y	Y	Y	PB	21/06/2014
4		Chinese Taipei	Y	22/06/14	Y	Y	CT7-0559	Y	Y	31/03/15	Y	Y	Y	Y	Y	PB	21/06/2014
5		Chinese Taipei	Y	23/06/14	Y	Y	CT5-1739	Y	Y	26/06/17	Y	Y	Y	Y	Y	PB	22/06/2014
6		Philippines	Y	24/06/14	Y	Y	00-0002460	Y	Y	31/01/15	Y	Y	Y	Y	Y	PB	23/06/2014
7		Philippines	Y	25/06/14	Y	Y	00-0002424	Y	Y	13/01/15	Y	Y	Y	Y	Y	PU	24/06/2014
8		China, P.R.	Y	26/06/14	Y	Y	Z1000019 80010001	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	26/06/2014
9		Chinese Taipei	Y	27/06/14	Y	Y	CT6-1352	Y	Y	30/11/14	Y	Y	Y	Y	Y	PB	27/06/2014
10		Philippines	Y	28/06/14	Y	Y	00-0002208	Y	Y	14/08/15	Y	Y	Y	Y	Y	PU	26/06/2014
11		Chinese Taipei	Y	30/06/14	Y	Y	CT7-0564	Y	Y	08/12/14	Y	Y	Y	Y	Y	PB	29/06/2014
12		Chinese Taipei	Y	30/06/14	Y	Y	CT6-1301	Y	Y	11/10/14	Y	Y	Y	Y	Y	PB	19/06/2014
13		Japan	Y	01/07/14	Y	Y	MG1-1965	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	30/06/2014
14		Japan	Y	04/07/14	Y	Y	KO1-891	Y	Y	31/07/17	Y	Y	Y	N	Y	EL	01/07/2014
15		Japan	Y	10/07/14	Y	Y	KG1-268	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	08/07/2014
16		Chinese Taipei	Y	14/07/14	Y	Y	CT6-1196	Y	Y	16/09/14	Y	Y	Y	Y	Y	PB	13/07/2014
17		Chinese Taipei	Y	14/07/14	Y	Y	CT7-0321	Y	Y	28/09/14	N	Y	Y	Y	Y	PB	14/07/2014
18		Chinese Taipei	Y	19/07/14	Y	Y	CT7-0295	Y	Y	27/11/16	Y	Y	Y	Y	Y	PB	18/07/2014
19		Chinese Taipei	Y	19/07/14	Y	Y	CT7-0429	Y	Y	01/11/14	Y	Y	Y	Y	Y	PB	19/07/2014
20		Japan	Y	21/07/14	Y	Y	SO1-1068	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	20/07/2014
21		Japan	Y	22/07/14	Y	Y	KG1-9	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	22/09/2014
22		Japan	Y	22/07/14	Y	Y	KG1-582	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	21/07/2014

23		Japan	Y	23/07/14	Y	Y	KG1-70	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	14/07/2014
24		Japan	Y	24/07/14	Y	Y	KG1-51	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	24/07/2014
25		Japan	Y	24/07/14	Y	Y	ME1-871	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	24/07/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments. The logbooks of Jetmark No. 102 (Figure 5), Castro No.168 (Figure 6) and Daikichi Maru No. 1 (Figure 7) were printed but unbound. The power light on the VMS of Goei Maru No. 68 was off (Figure 8). The ATF of Hung Yao No. 2 shown to the observer was valid in the Indian Ocean, not the Atlantic Ocean (Figure 9).

Table 9 Comments from inspections

No	Comments
7	Logbook was printed but unbound.
9	Observer was shown two different VMS units. The first had green lights on but no make or model indications. The second had no lights on but was clearly marked as Argos. The F/V captain seemed to indicate the two units were connected so for the inspection report the model is listed as Argos and the lights are listed as on. Pictures were taken of both units.
10	Logbook unbound - PNC sent to MRAG via C/V captain upon observer returning to C/V. Four pictures were taken of the logbook. One was sent to MRAG after the transshipment was completed.
13	PNC03 issued for unbound logbook. Every effort was made to ensure the F/V captain understood this.
14	PNC04 issued for VMS power light not being on. The power unit had a green light but the VMS did not. The C/V VMS showed this vessel indicating their VMS was working.
15	On paper forms the numbers provided for catch information did not include shark, these numbers were corrected in the comments section.
17	PNC05 was issued for AIA however the prior authorization to tranship was presented to the observer and clearly indicated the transshipment would take place in the Atlantic Ocean.
23	The last logbook entry was for the printed version. The electronic version (on the F/V computer) seemed more up to date, though a communication misunderstanding prevented the observer from determining the exact last date of entry.
24	Two logbooks were presented, 4 pictures were taken of each. The first logbook presented was UB, the second was PB. No PNC was issued but a request for further instructions was sent to Observer Provider.

The observer made 5 Potential Non Compliance (PNC) reports (Table 10).

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1
7			1	LNB
10			2	LNB
13			3	LNB
14			4	VNL
17			5	AIA

8.1 Verifying vessel name / RFMO number and National Registration Number.

Vessel markings were unclear on xxx (Figure 3) and yyy Figure 4 (Figure 4).

Figure 3 Unclear vessel markings on bow of xxx **Figure 4 Unclear vessel markings on bow of yyy**

8.2 Issues with Fishing Licence, logbooks or VMS

The logbooks of xxx (Figure 5), xxx (Figure 6) and xxx (Figure 7) were printed but unbound. The power light on the VMS of xxx was off (Figure 8). The ATF of xxx shown to the observer was valid in the Indian Ocean, not the Atlantic Ocean (Figure 9).

Figure 5 - printed unbound logbook

Figure 6 - printed unbound logbook

Figure 7 - printed unbound logbook

Figure 8 power light on power unit of VMS, but not on VMS unit itself

Figure 9 Hung Yao No. 2 - ATF valid for Indian Ocean only

9 Other Observer Tasks.

9.1 CV waste disposal

Figure 10 Waste disposal measures posted in mess hall of Shin Fuji

9.2 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
28/06/2014	12:00	04° 39.69 S	12° 50.58 W	Unidentified Dolphin	~30 individuals	Swimming and diving in 20 min. cycles

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		17/06/2014	18° 18.00 S	07° 28.12 E	Bait and Supplies	Y
		17/06/2014	18° 16.99 S	07° 28.32 E	Bait and Supplies	Y
		18/06/2014	16° 59.65 S	06° 31.70	Bait and Supplies	Y
		20/06/2014	07° 59.29 S	05° 25.65 E	Bait and Supplies	Y
		23/06/2014	05° 49.63 S	03° 50.44 W	Bait and Supplies	Y
		04/07/2014	11° 15.44 N	25° 01.41 W	Bait and Supplies	Y
		04/07/2014	11° 15.35 N	25° 02.42 W	Bait and Supplies	Y
		04/07/2014	11° 14.53 N	25° 04.49 W	Bait and Supplies	Y
		11/07/2014	02° 58.34 S	24° 02.13 W	Bait and Supplies	Y

ICCAT

Observer Report



Trip Number:	154
Vessel Name:	VICTORIA
ICCAT Ref. No.	AT000JPN00582
Observer Name:	Taylan Koken
Cruise Dates:	From: 26/07/2014 To: 11/09/2014

1 Cruise Summary

In accordance with the bilateral agreement between TOEI Reefer Line Co. Ltd. and MRAG Ltd., Taylan Koken (ICCAT# 101) joined the Vanuatu registered Carrier Vessel (CV) Victoria (RFMO# AT000JPN00582) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 26/07/2014 to 11/09/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	VICTORIA	Call sign:	YJQE9
Port of registration:	PORT VILA	Flag State:	VANUATU
Owner:	NAVISA MARITIME S.A	Charterer:	TOEI Reefer Line Co. Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,279 m³
Size (GRT):	2,717 t	Length (LOA):	91.48 m
On-board acoustic equipment:	JRC-JFE-570S		
Position fixing equipment:	JLR-7700MKII		
Vessel monitoring system (present/absent):	Present		
Radar:	JRC-5300MKII		
Communications equipment:	ANRITSU-VHF-RU224A		
Plotters:	FURUNO RCU 014		
Tuna products already on board (Quantity)	590.529 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	26/07/2014
Method of embarkation*	Portside
Date of departure	28/07/2014
Date of first transshipment	30/07/2014
Date of last transshipment	30/08/2014
Date of return	11/09/2014
Date of disembarkation	11/09/2014
Method of disembarkation*	Portside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 23 transhipments at sea. The locations are shown in detail in Figure 1, and the numbers received by nationality of vessel are given in Table 1.

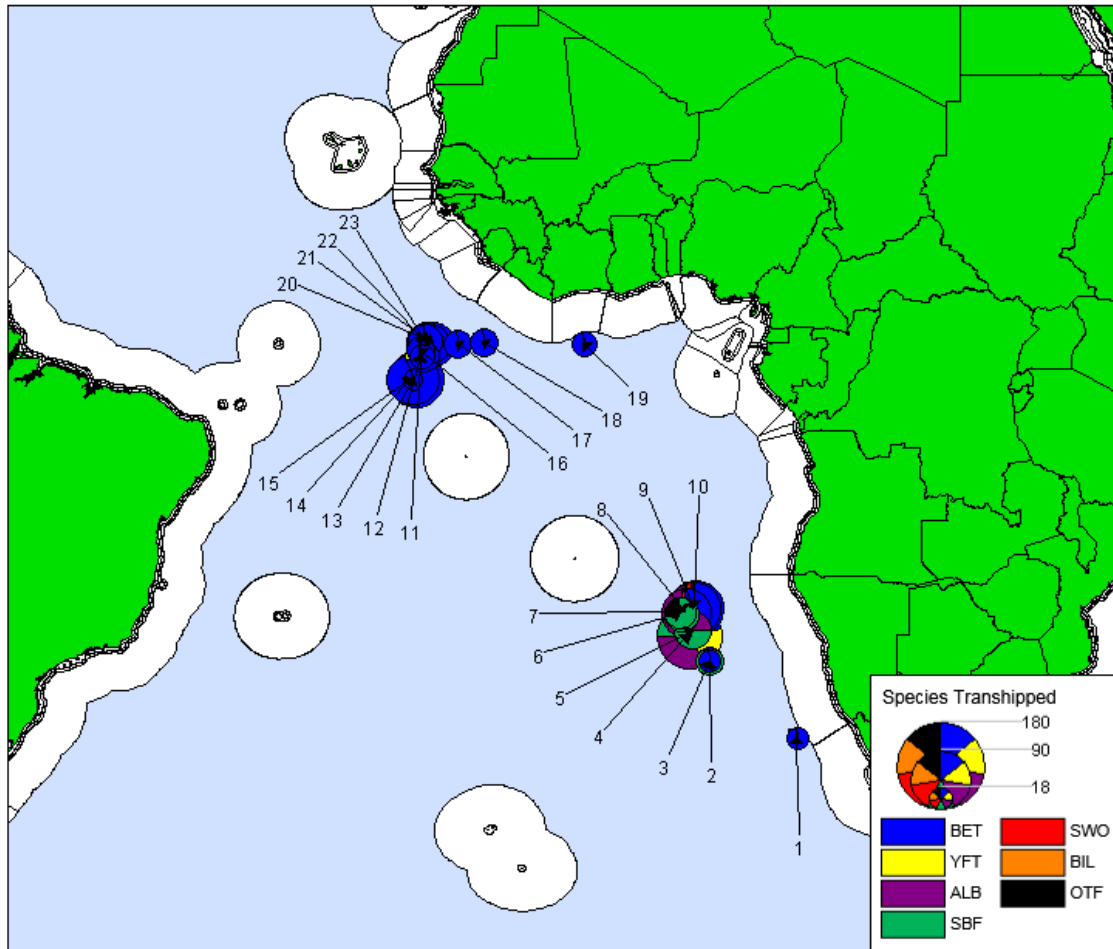


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	11
	9
	2

Comments:

Six non-ROP transhipments were also performed (appendix 1).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	30/07/2014	29°59.494 S	011°58.569 E	01:24	100.00%
2				Yes	01/08/2014	24°00.457 S	005°01.496 E	01:14	100.00%
3				Yes	01/08/2014	24°00.316 S	005°01.445 E	02:02	100.00%
4				Yes	02/08/2014	22°00.057 S	003°21.069 E	12:29	88.65%
5				Yes	03/08/2014	21°34.307 S	003°39.465 E	04:09	95.98%
6				Yes	08/08/2014	20°14.059 S	002°44.683 E	02:44	100.00%
7				Yes	08/08/2014	20°11.883 S	002°38.287 E	02:20	100.00%
8				Yes	09/08/2014	20°06.675 S	003°02.888 E	06:20	89.47%
9				Yes	10/08/2014	19°52.154 S	003°42.938 E	07:23	88.71%
10				Yes	11/08/2014	19°45.081 S	003°51.588 E	07:13	88.45%
11				Yes	17/08/2014	00°00.373 S	018°00.114 W	01:48	100.00%
12				Yes	18/08/2014	00°00.161 N	018°00.367 W	00:45	100.00%
13				Yes	19/08/2014	01°49.260 S	018°31.874 W	05:29	100.00%
14				Yes	20/08/2014	01°47.577 S	018°41.465 W	00:56	100.00%
15				Yes	20/08/2014	01°48.387 S	018°44.235 W	05:10	73.91%
16				Yes	22/08/2014	00°32.032 N	018°07.659 W	02:18	100.00%
17				Yes	23/08/2014	01°00.248 N	015°09.597 W	01:35	100.00%
18				Yes	24/08/2014	01°05.248 N	013°03.465 W	01:07	100.00%
19				Yes	26/08/2014	01°00.529 N	005°01.506 W	01:33	100.00%
20				Yes	29/08/2014	01°01.098 N	017°04.068 W	02:36	100.00%
21				Yes	29/08/2014	01°02.438 N	017°08.114 W	02:40	100.00%
22				Yes	30/08/2014	01°06.043 N	017°37.414 W	04:02	100.00%
23				Yes	30/08/2014	01°10.162 N	017°41.558 W	02:53	100.00%

Comments:

Due to the observer breaking for meals, less than 100% of the following transhipments were observed: xxx (85 minute break), xxx (10 minute break), xxx (40 minute break), xxx (50 minute break), xxx (50 minute break) and xxx (36 minute break).

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	22.93	23.44	0.36	0.58	0.00	0.00	0.00	0.00	23.29	24.02	0.72	3.01%
2	23.83	24.25	0.04	0.13	0.00	0.00	0.00	0.00	23.87	24.38	0.50	2.07%
3	3.07	1.96	0.48	0.54	0.23	0.23	4.98	5.35	38.58	39.95	1.37	3.43%
4	30.93	37.43	23.83	33.50	1.20	1.45	60.19	68.03	145.86	172.26	26.41	15.33%
5	2.83	2.64	1.31	1.59	0.29	0.34	25.58	26.89	62.074	64.83	2.76	4.25%
6	0.00	0.00	0.00	0.00	0.00	0.00	14.83	15.63	46.24	47.52	1.28	2.70%
7	0.00	0.00	0.00	0.00	0.00	0.00	11.51	12.00	41.39	42.41	1.02	2.41%
8	35.12	40.42	8.69	9.58	2.91	2.81	47.86	50.88	94.58	103.70	9.11	8.79%
9	46.534	52.54	13.72	15.81	4.22	4.67	45.64	47.45	110.12	120.46	10.34	8.59%
10	62.76	70.11	14.11	16.98	4.20	4.58	33.99	36.37	115.06	128.05	12.99	10.15%
11	35.04	34.42	12.87	12.38	1.43	1.55	1.30	1.25	50.63	49.60	-1.03	-2.08%
12	25.90	25.51	0.69	0.96	0.00	0.00	0.00	0.00	26.59	26.47	-0.12	-0.46%
13	118.28	115.00	4.13	5.00	11.00	11.00	0.00	0.00	133.42	131.00	-2.42	-1.84%
14	19.04	19.85	0.93	0.76	0.00	0.00	0.00	0.00	19.97	20.60	0.63	3.07%
15	101.96	105.93	4.02	4.49	0.00	0.00	0.09	0.00	106.07	110.42	4.36	3.94%
16	37.94	38.66	1.58	1.72	0.00	0.00	0.00	0.00	39.52	40.38	0.87	2.14%
17	38.33	38.38	0.06	0.06	0.00	0.00	0.00	0.00	38.39	38.44	0.05	0.14%
18	36.70	37.29	0.24	0.31	0.00	0.00	0.00	0.00	36.93	37.61	0.68	1.79%
19	24.62	25.10	0.68	0.62	0.00	0.00	0.00	0.00	25.30	25.72	0.42	1.62%
20	45.55	44.82	0.71	1.16	10.75	10.80	0.00	0.00	57.01	56.78	-0.23	-0.40%
21	73.89	76.38	0.98	1.32	0.00	0.00	0.00	0.00	74.88	77.70	2.82	3.63%
22	63.24	64.64	1.03	1.35	4.74	4.31	0.00	0.00	69.01	70.30	1.29	1.83%
23	57.70	58.01	0.66	0.61	0.00	0.00	0.00	0.00	58.36	58.62	0.26	0.44%

Comments:

Transshipments were observed from the main deck and the crane deck. Products were transferred directly from hold to hold by Japanese-flagged vessels. LSPLVs flagged to other countries craned products on to the deck of the LSPLV, which allowed more time for the observer to estimate numbers and species transferred.

6 Species and weight transferred

The vessel contained 590.529 t tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4. A breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
	Other fish Unclassified		0.00	0.00%	8.47	0.56%
	Other fish Unclassified	SE	0.00	0.00%	28.98	1.92%
Albacore	<i>Thunnus alalunga</i>	N	0.81	0.06%	0.75	0.05%
Albacore	<i>Thunnus alalunga</i>	S	190.59	13.26%	203.94	13.49%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1.23	0.09%	1.35	0.09%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	1.76	0.12%	1.86	0.12%
Atlantic sailfish	<i>Istiophorus albicans</i>	E	0.24	0.02%	0.37	0.02%
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	0.07	0.00%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	906.20	63.06%	936.77	61.99%
Black marlin	<i>Makaira indica</i>	S	0.43	0.03%	0.45	0.03%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	46.47	3.23%	15.63	1.03%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	S	0.61	0.04%	0.61	0.04%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	0.14	0.01%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	2.95	0.21%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.24	0.02%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	152.89	10.64%	159.42	10.55%
Striped marlin	<i>Tetrapturus audax</i>	All	0.09	0.01%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.34	0.02%	0.36	0.02%
Striped marlin	<i>Tetrapturus audax</i>	SE	1.04	0.07%	1.08	0.07%
Swordfish	<i>Xiphias gladius</i>	N	1.43	0.10%	1.55	0.10%
Swordfish	<i>Xiphias gladius</i>	S	39.55	2.75%	40.19	2.66%
Wahoo	<i>Acanthocybium solandri</i>	SE	0.43	0.03%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	91.10	6.34%	109.45	7.24%

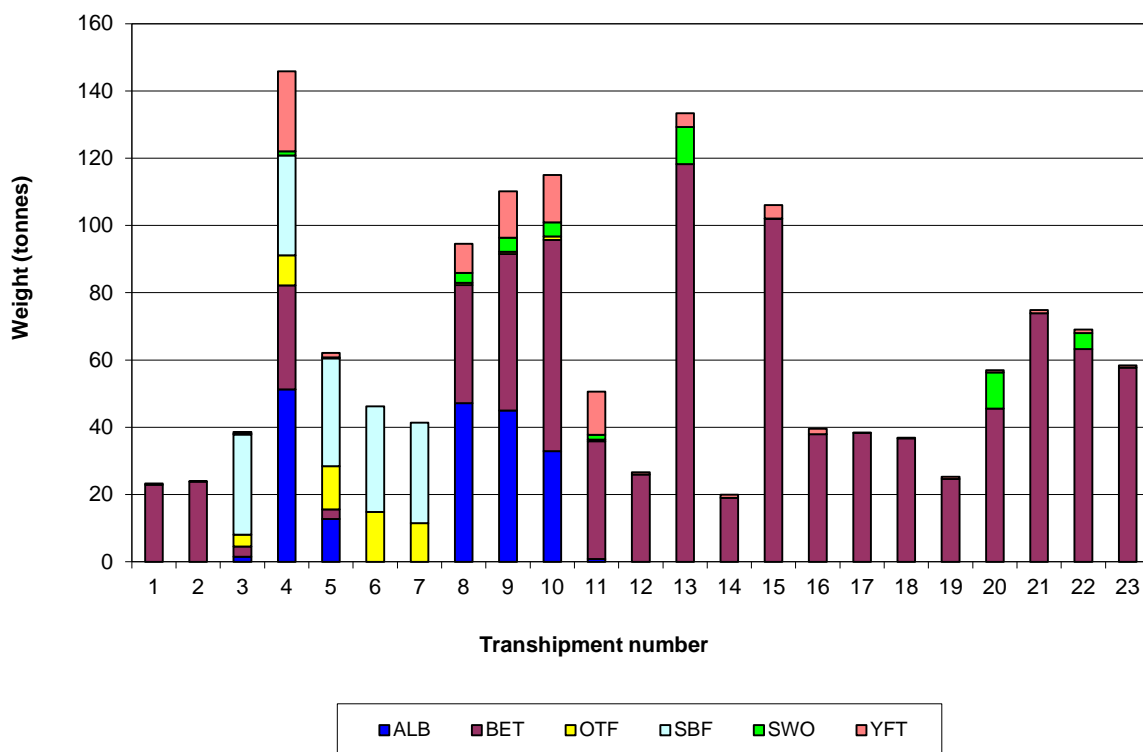


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	12.73
Atlantic blue marlin	<i>Makaira nigricans</i>	93.63
Atlantic sailfish	<i>Istiophorus albicans</i>	18.18
Bigeye tuna	<i>Thunnus obesus</i>	45.02
Black marlin	<i>Makaira indica</i>	61.14
Butterfly kingfish	<i>Gasterochisma melampus</i>	13.20
Indo-Pacific blue marlin	<i>Makaira mazara</i>	153.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	8.00
Opah	<i>Lampris guttatus</i>	8.83
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	15.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	56.38
Striped marlin	<i>Tetrapturus audax</i>	35.00
Swordfish	<i>Xiphias gladius</i>	50.21
Wahoo	<i>Acanthocybium solandri</i>	8.39
Yellowfin tuna	<i>Thunnus albacares</i>	38.54

Comments:

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transshipment time	% Observed
3				Yes	01/08/2014	24 ⁰ 00.316'S	5 ⁰ 01.445'E	10:45	100
4				Yes	02/08/2014	22 ⁰ 00.057'S	3 ⁰ 21.069'E	08:02	88.65
5				Yes	03/08/2014	21 ⁰ 34.307'S	3 ⁰ 39.465'E	10:36	95.98
6				Yes	08/08/2014	20 ⁰ 14.059'S	2 ⁰ 44.683'E	07:50	100
7				Yes	08/08/2014	20 ⁰ 11.883'S	2 ⁰ 38.287'E	15:50	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
3	9	530	31.88	CM-JP-14-069-01	1-530
4	9	653	31.85	CM-JP-14-087-01	1-653
5	9	612	33.38	CM-JP-14-067-01	1-612
6	9	530	31.90	CM-JP-14-070-01	1-530
7	9	506	30.41	CM-JP-14-068-01	1-506

Comments:

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	30/07/14	Yes	Yes	UNK	Yes	Yes	31/03/17	Yes	N	Yes	Yes	Yes	PB	29-Jul-14
2			Yes	01/08/14	Yes	Yes	Yes	Yes	Yes	30/11/14	Yes	Y	Yes	Yes	Yes	PB	01-Aug-14
3			Yes	01/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31-Jul-14
4			Yes	02/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01-Aug-14
5			Yes	03/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	02-Aug-14
6			Yes	08/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	07-Aug-14
7			Yes	08/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	07-Aug-14
8			Yes	09/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	09-Aug-14
9			Yes	10/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	08-Aug-14
10			Yes	11/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	10-Aug-14
11			Yes	17/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12-Aug-14
12			Yes	18/08/14	Yes	Yes	Yes	Yes	Yes	08/12/14	Yes	Y	Yes	Yes	Yes	PB	18-Aug-14
13			Yes	19/08/14	No	Yes	Yes	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PU	19-Aug-14
14			Yes	20/08/14	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	19-Aug-14
15			Yes	20/08/14	Yes	Yes	Yes	Yes	Yes	12/01/17	Yes	Y	Yes	Yes	Yes	PB	18-Aug-14
16			Yes	22/08/14	No	Yes	Yes	Yes	Yes	21/07/15	Yes	Y	Yes	Yes	Yes	PB	22-Jul-14
17			Yes	23/08/14	Yes	Yes	Yes	Yes	Yes	05/12/14	Yes	Y	Yes	Yes	Yes	PB	22-Aug-14
18			Yes	24/08/14	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	23-Aug-14
19			Yes	26/08/14	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	25-Aug-14
20			Yes	29/08/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Y	Yes	Yes	Yes	PU	28-Aug-14
21			Yes	29/08/14	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	29-Aug-14
22			Yes	30/08/14	Yes	Yes	Yes	Yes	Yes	12/09/14	Yes	Y	Yes	Yes	Yes	PB	29-Aug-14
23			Yes	30/08/14	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	29-Aug-14

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 9 Coments from inspections

No	Comments
1	National Registration number was not displayed on the vessel markings.
3	In the Japanese version the number of the LSPLV name was displayed as x instead y in the bow.
4	In the Japanese version the number of the LSPLV name was displayed as x instead y in the bow.
11	Logbook not up to date.
13	LSPLV name was displayed as "xxx" on both bow and stern vessel markings instead "yy". Logbook was unbound.
14	The name of the LSPLV was repainted to "xxx" from "yy".
16	The bow markings were displayed as "xxx" instead "yy" and the last word was partially erased.
17	The bow markings were hardly to be seen unless getting alongside.
20	Logbook unbound.

The observer made 6 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
3			2	IIM	-
4			3	IIM	-
11			4	LND	-
13			5	IIM	LNB
16			6	IIM	-
20			7	LNB	-

8.1 Verifying vessel name / RFMO number and National Registration Number.

Vessel name was unclear or incorrect on six vessels. The former vessel name could be seen embossed on the hull and painted over on the bow of one vessel (Figure 7).

Figure 3 Unclear vessel name on bow

Figure 4 Number in name reversed on bow of

Figure 5 Number in name reversed on bow

Figure 6 Unclear and incorrect vessel name on bow

Figure 7 Name on bow of N repainted

Figure 8 Partially obscured name on bow

Figure 9 Obscured name on bow

8.2 Issues with Fishing Licence, logbooks or VMS

The logbook of xxx was not up to date, (Figure 10), and the logbooks of Sxxx(Figure 11) and xxx6 (Figure 12) were printed but unbound. During inspection of xxx, the document claimed to be the ATT appeared instead to be the cover letter for an ATT, and did not specify the name of either the LSPLV or the CV (Figure 13).

Figure 10 Out of date logbook on

Figure 11 Logbook of printed and unbound

Figure 12 Logbook of - printed and unbound

Figure 13 Document shown as ATT on DA

9 Other Observer Tasks.

9.1 CV waste disposal

Waste was discarded by xxx (Figure 15), xxx (Figure 15) and xxx (Figure 16, Figure 17).



Figure 14 Waste discarded by



Figure 15 Waste discarded by



Figure 16 Waste discarded by



Figure 17 Waste discarded by

Unidentified or IUU vessels

No IUU vessel were seen during the deployment.

9.2 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
08/08/2015	15:00	20 ⁰ 11.851'S	2 ⁰ 37.887'E	Humpback	2	Calm

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		05/08/2014	16 ⁰ 19.492' S	06 ⁰ 34.353'E	Vegetable	N
		05/08/2014	16 ⁰ 19.492' S	06 ⁰ 34.353'E	Bait & Dry Cargo	Y
		05/08/2014	16 ⁰ 13.137' S	06 ⁰ 38.112'E	Bait & Dry Cargo	Y
		06/08/2014	14 ⁰ 31.827' S	08 ⁰ 10.092' E	Fuel Oil, Bait & Dry Cargo	Y
		19/08/2014	01 ⁰ 51.308' S	18 ⁰ 30.247' W	Bait & Dry Cargo	Y
		22/08/2014	00 ⁰ 30.378' N	18 ⁰ 03.784' W	Bait	Y

ICCAT

Observer Report



Trip Number:	155-14
Vessel Name:	TAISEI MARU No.15
ICCAT Ref. No.	AT000VUT00019
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 15/06/2014 to: 11/08/2014

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd. and Capfish, A.T. Dimitrov (ROP no.117) joined the Vanuatu registered Carrier Vessel (CV) TAISEI MARU No.15 (RFMO No.AT000VUT00019) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 15/06/2014 to 11/08/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU No.15	Call sign:	YJTJ8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Ocho Dorado Shipping S.A	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7m3
Size (GRT):	4.993t.	Length (LOA):	124.25m.
On-board acoustic equipment:		JRC – JFE 570S	
Position fixing equipment:		JRC – JLR 7700MK x 2	
Vessel monitoring system (present/absent):		VMS unit and transmitter Type: JRC – JUE 95VM Thorium Satellite Transceiver CLS – RS 232S, Serial: B3100391	
Radar:		JMA – 9833SA x1 / JMA – 7700 Series x 1	
Communications equipment:		MF/HF: JRC – JSS 800 VHF: JRC – JHS 32A x 2	
Plotters:		JRC – JMA 7700	
Tuna products already on board (Quantity)		None	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	15/06/2014
Method of embarkation*	portside
Date of departure	15/06/2014
Date of first transshipment	25/06/2014
Date of last transshipment	07/08/2014
Date of return	11/08/2014
Date of disembarkation	11/08/2014
Method of disembarkation*	portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 37 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

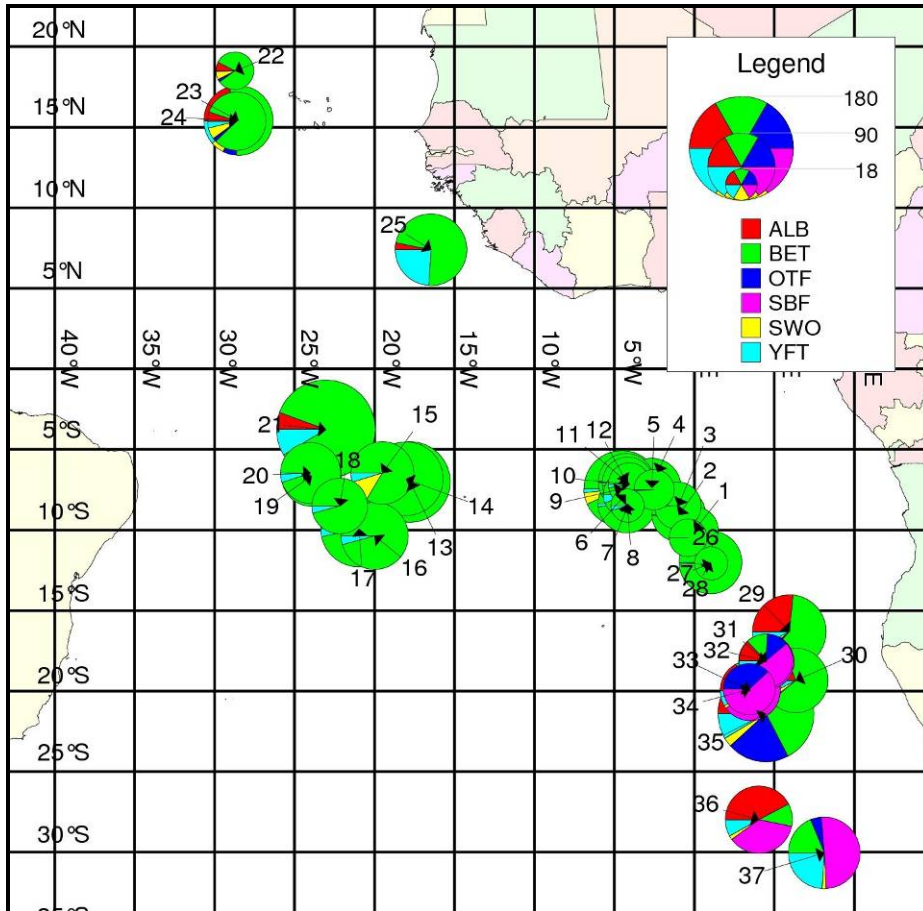


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	17
	17
	3

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	TR time	% Observed
1				Yes	25/06/2014	10°00.833 S	000°00.173 E	01:40	100.00%
2				Yes	26/06/2014	09°03.921 S	000°58.165 W	03:00	100.00%
3				Yes	26/06/2014	08°29.547 S	001°01.607 W	02:10	100.00%
4				Yes	27/06/2014	07°30.057 S	002°31.493 W	02:30	100.00%
5				Yes	27/06/2014	07°22.499 S	002°39.142 W	03:00	100.00%
6				Yes	28/06/2014	07°48.686 S	004°17.908 W	01:45	100.00%
7				Yes	29/06/2014	08°30.052 S	004°10.196 W	01:05	100.00%
8				Yes	29/06/2014	08°23.115 S	004°12.797 W	03:20	100.00%
9				Yes	30/06/2014	07°26.79 S	004°31.54 W	05:10	100.00%
10				Yes	01/07/2014	07°09.66 S	004°03.13 W	01:40	100.00%
11				Yes	01/07/2014	07°04.835 S	004°09.255 W	01:55	100.00%
12				Yes	01/07/2014	06°59.936 S	004°15.395 W	03:15	100.00%
13				Yes	04/07/2014	07°01.406 S	017°47.199 W	05:25	100.00%
14				Yes	04/07/2014	06°50.058 S	018°02.039 W	04:20	100.00%
15				Yes	05/07/2014	06°28.522 S	019°30.73 W	03:40	100.00%
16				Yes	07/07/2014	10°22.336 S	019°59.225 W	05:00	100.00%
17				Yes	08/07/2014	09°56.108 S	020°59.218 W	05:10	100.00%
18				Yes	09/07/2014	08°31.343 S	022°10.026 W	03:15	100.00%
19				Yes	10/07/2014	06°38.479 S	023°56.435 W	04:30	100.00%
20				Yes	11/07/2014	06°27.87 S	023°59.714 W	02:50	100.00%
21				Yes	12/07/2014	03°46.201 S	023°02.107 W	09:45	100.00%
22				Yes	18/07/2014	18°29.602 N	028°43.296 W	01:05	100.00%
23				Yes	19/07/2014	15°24.775 N	028°30.519 W	04:15	100.00%
24				Yes	19/07/2014	15°21.646 N	028°36.573 W	02:30	100.00%
25				Yes	22/07/2014	07°22.914 N	016°28.133 W	08:10	100.00%
26				Yes	27/07/2014	10°29.523 S	000°23.569 W	01:05	100.00%
27				Yes	28/07/2014	12°05.372 S	001°02.89 E	01:10	100.00%
28				Yes	28/07/2014	12°01.241 S	000°59.915 E	03:05	100.00%
29				Yes	30/07/2014	16°19.549 S	005°56.782 E	04:05	100.00%
30				Yes	31/07/2014	19°21.005 S	006°21.304 E	03:25	100.00%
31				Yes	01/08/2014	18°11.742 S	004°30.197 E	02:35	100.00%
32				Yes	01/08/2014	18°07.854 S	004°28.746 E	02:30	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	TR time	% Observed
33				Yes	02/08/2014	19°59.31 S	003°29.57 E	04:00	100.00%
34				Yes	02/08/2014	19°53.155 S	003°25.835 E	02:10	100.00%
35				Yes	04/08/2014	21°23.506 S	004°28.578 E	12:10	100.00%
36				Yes	06/08/2014	27°59.851 S	004°01.629 E	04:00	100.00%
37				Yes	07/08/2014	30°03.025 S	008°07.092 E	04:20	100.00%

Comments: None.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	43.46	42.885	1.855	1.85	0	0	0	0	45.315	44.735	-0.58	-1.30%
2	58.464	58.436	0.495	0.499	0	0	0	0	58.959	58.935	-0.02	-0.04%
3	44.722	44.386	0.427	0.427	0	0	0	0	45.149	44.813	-0.34	-0.75%
4	37.74	36.441	0.504	0.447	0	0	0	0	38.244	36.888	-1.36	-3.68%
5	67.45	67.2	0.792	0.8	0	0	0	0	68.242	68	-0.24	-0.36%
6	38.36	38.435	2.744	2.624	0	0	0	0	41.104	41.059	-0.04	-0.11%
7	23.644	23.745	1.475	1.241	0	0	0	0	25.119	24.986	-0.13	-0.53%
8	66.861	67.275	1.456	1.354	0	0	0	0	68.317	68.629	0.31	0.45%
9	102.784	102.245	2.091	2.079	5.346	5.313	0	0	110.221	109.637	-0.58	-0.53%
10	37.882	38.136	1.25	1.256	0	0	0	0	39.132	39.392	0.26	0.66%
11	54.264	54.041	0.95	0.953	0	0	0	0	55.214	54.994	-0.22	-0.40%
12	65.28	64.75	0.54	0.539	0	0	0	0	65.82	65.289	-0.53	-0.81%
13	116.76	114.5	5.46	5.5	0	0	0	0	122.22	120	-2.22	-1.85%
14	99.96	99.75	4.644	4.639	0	0	0	0	104.604	104.389	-0.22	-0.21%
15	65.52	64.754	3.876	3.8	8.94	9	0	0	78.336	77.554	-0.78	-1.01%
16	84.546	81.045	3.87	3.67	0	0	0	0	88.416	84.715	-3.70	-4.37%
17	102.672	102.141	3.55	3.612	0	0	0	0	106.222	105.753	-0.47	-0.44%
18	62.624	59.994	3.198	2.718	0	0	0	0	65.822	62.712	-3.11	-4.96%
19	72.108	70	3.15	3	0	0	0	0	75.258	73	-2.26	-3.09%
20	69.996	68	3.995	3.75	0	0	0	0	73.991	71.75	-2.24	-3.12%
21	149.036	148.159	15.288	15.224	0	0	9.639	9.538	173.963	172.921	-1.04	-0.60%
22	26.66	25.627	0.3	0.299	2.1	2.125	3.054	3.043	32.114	31.094	-1.02	-3.28%
23	51.84	50.336	10.8	10.442	5.872	5.774	24.9	24.655	93.412	91.207	-2.21	-2.42%
24	56.353	55.434	2.84	2.755	4.05	4.023	4.914	4.885	68.157	67.097	-1.06	-1.58%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
25	69.004	70	22.92	23	0	0	3.105	3	95.029	96	0.97	1.01%
26	31.04	30.685	0	0	0	0	0	0	31.04	30.685	-0.36	-1.16%
27	27.206	26.341	0	0	0	0	0	0	27.206	26.341	-0.86	-3.28%
28	75.712	75.122	0.912	0.912	0	0	0	0	76.624	76.034	-0.59	-0.78%
29	62.964	59.976	7.6	7.603	3.286	3.276	31.086	29.655	104.936	100.51	-4.43	-4.40%
30	62.538	57.509	6.75	6.292	2.435	2.42	17.232	16.315	88.955	82.536	-6.42	-7.78%
31	20.852	20.328	7.216	6.95	0.41	0.413	1.6	1.605	62.058	61.012	-1.05	-1.71%
32	8.001	7.585	2.757	2.562	0.71	0.71	13.89	15.03	57.324	57.853	0.53	0.91%
33	24.026	22.538	6.32	6.202	1.21	1.21	12.792	12.492	75.214	73.308	-1.91	-2.60%
34	0	0	0	0	0	0	20.792	20.259	53.325	52.792	-0.53	-1.01%
35	67.832	67.77	14.353	14.259	5.028	5.028	76.699	76.307	163.912	163.364	-0.55	-0.34%
36	9.79	9.438	7.392	6.938	1.859	1.757	36.703	36.326	87.184	85.759	-1.42	-1.66%
37	18.62	18.595	25.284	23.819	1.94	1.953	4.9	4.946	100.16	99.086	-1.07	-1.08%

Comments: The “other” column in Table 3 combined the weight of southern bluefin tuna (*Thunnus maccoyii*), albacore (*Thunnus alalunga*), marlins, sailfishes etc. (*Istiophoridae*), opah (*Lampris guttatus*), butterfly kingfish (*Gasterochisma melampus*), atlantic spanish mackerel (*Scomberomorus maculatus*), oil fish (*Ruvettus pretiosus*), dorado (*Coryphaena hippurus*).

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is 2724.829t. The total observed weight is 2766.318t (41.489t - 1.523% difference). The CV Scale Weight total was 2771.934t.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Other		All	19.35	0.70%	1.99	0.07%
Albacore	<i>Thunnus alalunga</i>	All	26.90	0.97%	6.47	0.24%
Albacore	<i>Thunnus alalunga</i>	N	2.35	0.08%	2.34	0.09%
Albacore	<i>Thunnus alalunga</i>	S	151.86	5.49%	169.76	6.23%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	11.06	0.40%	1.87	0.07%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.71	0.03%	0.71	0.03%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.57	0.02%	9.84	0.36%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	2.17	0.08%
Bigeye tuna	<i>Thunnus obesus</i>	All	2076.57	75.07%	2043.6	75.00%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	19.58	0.71%	25.45	0.93%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.25	0.01%	0.32	0.01%
Longfin mako	<i>Isurus paucus</i>	All	0.00	0.00%	0.03	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	0.83	0.03%	0	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	208.20	7.53%	208.154	7.64%
Oilfish	<i>Ruvettus pretiosus</i>	All	0.00	0.00%	1.46	0.05%
Opah	<i>Lampris guttatus</i>	All	0.990	0.06%	8.195	0.30%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	0.47	0.02%
Striped marlin	<i>Tetrapturus audax</i>	All	0.08	0.00%	0.43	0.02%
Swordfish	<i>Xiphias gladius</i>	All	18.86	0.68%	9.8	0.36%
Swordfish	<i>Xiphias gladius</i>	N	2.104	0.08%	2.13	0.08%
Swordfish	<i>Xiphias gladius</i>	S	22.22	0.80%	31.08	1.14%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	All	26.78	0.97%	26.54	0.97%
Yellowfin tuna	<i>Thunnus albacares</i>	All	177.054	6.40%	172.02	6.31%

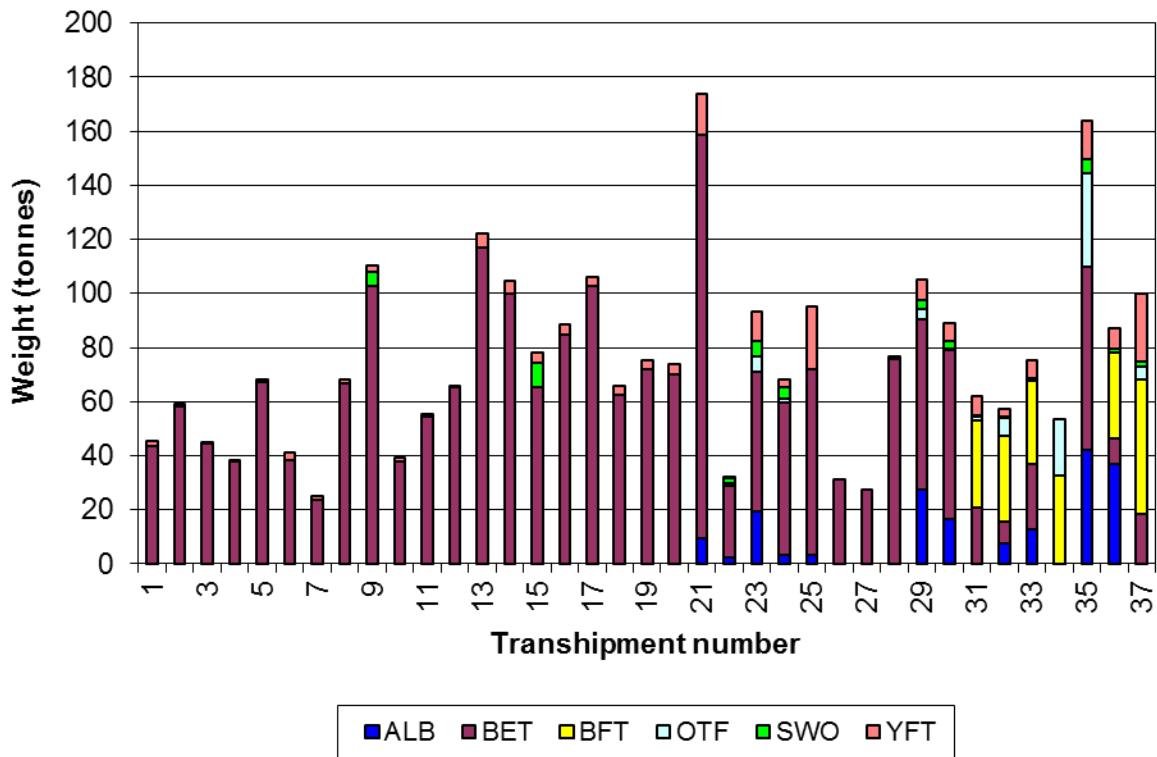


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		10.31
Albacore	<i>Thunnus alalunga</i>	14.44
Atlantic blue marlin	<i>Makaira nigricans</i>	83.95
Bigeye tuna	<i>Thunnus obesus</i>	44.86
Butterfly kingfish	<i>Gasterochisma melampus</i>	13.13
Atlantic sailfish	<i>Istiophorus albicans</i>	15.81
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	31.92
Southern bluefin tuna	<i>Thunnus maccoyii</i>	57.85
Opah	<i>Lampris guttatus</i>	7.98
Striped marlin	<i>Tetrapturus audax</i>	37.50
Swordfish	<i>Xiphias gladius</i>	41.61
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	26.10
Yellowfin tuna	<i>Thunnus albacares</i>	38.52

Comments: Average weight was calculated by dividing the total declared weight with the total number of fish observed or declared for each species transhipped.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	TS time	% Observed
31				Yes	01/08/2014	18°11.74 S	004° 30.19 E	02:35	100.00%
32				Yes	01/08/2014	18° 07.85 S	004° 28.74 E	02:30	100.00%
33				Yes	02/08/2014	19° 59.31 S	003° 29.57 E	04:00	100.00%
34				Yes	02/08/2014	19° 53.15 S	003° 25.83 E	02:10	100.00%
36				Yes	06/08/2014	27° 59.85 S	004° 01.62 E	04:00	100.00%
37				Yes	07/08/2014	30° 03.02 S	008° 07.09 E	04:20	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (t)	Catch Monitoring Form Number	Tag series number (from – to)
31	9	533	31.716	CM – JP – 14 – 045 – 01	0001 – 0533
32	9	511	31.966	CM – JP – 14 – 053 – 01	0001 – 0511
33	9	665	30.866	CM – JP – 14 – 054 – 01	0001 – 0665
34	9	514	32.533	CM – JP – 14 – 018 – 01	0001 – 0514
36	9	524	31.3	CM – JP – 14 – 046 – 01	0001 – 0524
37	9	852	49.773	CM – JP – 14 – 055 – 01	0001 – 0852

Comments: The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Document Scheme Catch Monitoring Form (CMF) was completed and countersigned by the observer for all the transshipments where *T. maccoyii* was transhipped. Some of the *T. maccoyii* were inspected for tags. All the inspected fish were tagged.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	25/06/14	Yes	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	24/06/14
2			Yes	26/06/14	Yes	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	25/06/14
3			Yes	26/06/14	Yes	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	26/06/14
4			Yes	27/06/14	Yes	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	26/06/14
5			Yes	27/06/14	Yes	Yes	Yes	Yes	Yes	Yes	28/11/15	Yes	Yes	Yes	Yes	Yes	PB	26/06/14
6			Yes	28/06/14	Yes	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Yes	Yes	Yes	Yes	PB	26/06/14
7			Yes	29/06/14	Yes	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	PB	28/06/14
8			Yes	29/06/14	No	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Yes	Yes	Yes	Yes	PB	29/06/14
9			Yes	30/06/14	Yes	Yes	Yes	Yes	Yes	Yes	28/02/15	Yes	Yes	Yes	Yes	Yes	PB	30/09/14
10			Yes	01/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	23/06/14
11			Yes	01/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	29/06/14
12			Yes	01/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	30/06/14
13			Yes	04/07/14	Yes	Yes	Yes	Yes	Yes	Yes	12/01/15	Yes	Yes	Yes	Yes	Yes	PB	03/07/14
14			Yes	04/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/10/14	Yes	Yes	Yes	Yes	Yes	PB	03/07/14
15			Yes	05/07/14	Yes	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	03/07/14
16			Yes	07/07/14	Yes	Yes	Yes	Yes	Yes	Yes	08/08/15	Yes	Yes	Yes	Yes	Yes	PB	06/07/14
17			Yes	08/07/14	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	08/07/14
18			Yes	09/07/14	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	08/07/14
19			Yes	10/07/14	Yes	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	PB	09/07/14
20			Yes	11/07/14	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	10/07/14
21			Yes	12/07/14	Yes	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	11/07/14
22			Yes	18/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	17/07/14
23			Yes	19/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	18/07/14
24			Yes	19/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	18/07/14
25			Yes	22/07/14	Yes	Yes	Yes	Yes	Yes	Yes	19/12/14	Yes	Yes	Yes	Yes	Yes	PB	22/07/14
26			Yes	27/07/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	26/07/14

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
27			Yes	28/07/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	27/07/14
28			Yes	28/07/14	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	27/07/14
29			Yes	30/07/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	29/07/14
30			Yes	31/07/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	30/07/14
31			Yes	01/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	31/07/14
32			Yes	01/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	31/07/14
33			Yes	02/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	31/07/14
34			Yes	02/08/14	No	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	02/08/14
35			Yes	04/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	03/08/14
36			Yes	06/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/08/14
37			Yes	07/08/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	07/08/14

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

The observer issued 19 Potential Non Compliance (PNC) reports.

Table 9 PNC reports issued during the voyage

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
8			1	IIM		
10			2	LNB	LNN	
11			3	LNB	LNN	
12			4	LNB	LNN	
17			5	LNB	LNN	
18			6	LNB	LNN	
20			7	LNB	LNN	
22			8	LNB	LNN	
23			9	LNB	LNN	
24			10	LNB	LNN	

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
29			11	LNB		
30			12	LNB		
31			13	LNB	LNN	
32			14	LNB		
33			15	LNB		
34			16	LNB	LNN	
35			17	LNB		
36			18	LNB		
37			19	LNB		

Table 10 **Comments from inspections**

TS No.	Vessel Name	ICCAT No.	Comments
1			The fish remaining on board LSPLV: SWO-7.539t, BUM-2.935t, PXX-11t, OTF-2.435t.
2			No comment.
3			No comments.
4			All documents were in order and up to date. The vessel was clean the Chinese Taipei observer on board the LSPLV was very helpful.
5			The vessel name on the stern was not displayed in English. According to the master, this has been reported to ICCAT previously and the vessel company was aware of this. The LSPLV was scheduled to return to port in July and the change would then be made.
6			The vessel name on the bow was partially obscured due to the fouling on the hull.
7			No comments.
8			A PNC report was issued: The English name on the bow and on the stern of the LSPLV was displayed as "xx". The vessel name provided in the ICCAT vessel list was "yy". The vessel name on the ATF was the same as the name provided by ICCAT. Figure 3 Bow markings
9			No comments.
10			A PNC report was issued. The fishing logbook was stapled and not bound and the numbers of the pages were written and not printed.
11			A PNC report was issued. The fishing logbook was stapled and not bound. The page numbers were written and not printed.
12			A PNC report was issued. The fishing logbook was stapled and not bound. The page numbers were written and not printed.
13			No comments.
14			No comments.
15			No comments.
16			No comments.
17			A PNC report was issued. The fishing logbook was printed but not bound and the pages were not numbered.

TS No.	Vessel Name	ICCAT No.	Comments
18			A PNC report was issued. The fishing logbook was printed but not bound and the pages were not numbered.
19			No comments.
20			A PNC report was issued. The fishing logbook was printed but not bound and the pages were not numbered.
21			No comments.
22			A PNC report was issued. The logbook was printed but not bound and the page numbers are written in and not printed.
23			A PNC report was issued. The logbook was printed but not bound and the page numbers are written in and not printed.
24			A PNC report was issued. The logbook was printed but not bound and the page numbers are written in and not printed.
25			No comments.
26			This LSPLV transshipping fish for the second time during the voyage. A PNC was issued during the first transshipment (Transshipment No.12) and was not issued again. The fishing logbooks were printed but not bound and the page numbers were not printed on the sheets.
27			This LSPLV transshipping fish for the second time during the voyage. A PNC was issued during the first transshipment (Transshipment No.10) and was not issued again. The fishing logbooks were printed but not bound and the page numbers were not printed on the sheets.
28			No comments.
29			A PNC report was issued. The logbook was printed but not bound.
30			A PNC report was issued. The logbook was printed but not bound.
31			A PNC report was issued. The logbook was printed but not bound and the page numbers are written in and not printed.
32			A PNC report was issued. The logbook was printed but not bound. LSPLV Call sign hardly visible. Figure 4 Faded call sign
33			A PNC report was issued. The logbook was printed but not bound. Call sign on the starboard side missing last two letters. The last two letter boards were broken off by rough seas. The call sign on the port side of the vessel was displayed correctly. Figure 5 Starboard call sign Vessel steaming back to Cape Town.

TS No.	Vessel Name	ICCAT No.	Comments
34	KINEI MARU No. 81	AT000JPN00469	<p>The vessel name markings on the bow were not consistent with the name provided in the ICCAT vessel list. The name "xx was displayed on the bow of the LSPLV and the name "yy was displayed on the stern. The ICCAT vessel list, listed the name yy</p> <p>A PNC report was issued. The logbook was printed but not bound and the pages were not numbered.</p> <p>Figure 6 Bow markings</p>
35			A PNC report was issued. The logbook was printed but not bound.
36			A PNC report was issued. The logbook was printed but not bound.
37			A PNC report was issued. The logbook was printed but not bound.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLV xx displayed the name yy.

The LSPLV xx did not display an English name on the stern of the vessel.

The LSPLV xx displayed the name yy on the bow of the vessel. The correct name was displayed on the stern of the vessel.

8.2 Issues with Fishing Licence, logbooks or VMS

The following LSPLVs made use of printed but unbound logbooks:

TS	LSPLV name
11	
12	
17	
18	
20	
22	
23	
24	
26	
27	
29	
30	
31	
32	
33	
34	
35	
36	
37	

No problems were experienced with VMS units, Authorisations to fish or authorisations to tranship.

9 Other Observer Tasks.

9.1 CV waste disposal

Food waste was ground and discharged at sea. All other garbage including glass, plastics, paper, cans, rags were retained or incinerated on board the vessel.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted or observed during the trip.

9.3 Marine mammals.

No Marine mammals were seen during the voyage.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		18/06/2014	20° 53S	014° 28E	CV on Anchor in Walvis Bay, Namibia. LSPLV tranship 50.174t of tuna and tuna-like species. Transhipment was observed by representatives from Namibian Fisheries.	Yes
		19/06/2014	20° 53S	014° 28E	CV on Anchor in Walvis Bay, Namibia. LSPLV tranship 89.609t of tuna and tuna-like species. Transhipment was observed by representatives from Namibian Fisheries.	Yes

Appendix 2 Non ROP Transhipments (cargo)

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		21/06/2014	16° 29S	007° 31E	Fuel oil-90kl.	Yes
		21/06/2014	16° 26S	007° 30E	Fuel oil-240kl and bait boxes.	Yes
		22/06/2014	15° 34S	006° 27E	Fuel oil-150kl.	Yes
		22/06/2014	15° 32S	006° 27E	Fuel oil-120kl.	Yes
		22/06/2014	15° 31S	006° 33E	Fuel oil-100kl.	Yes

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/06/2014	15° 45S	005° 59E	Fuel oil-110kl.	Yes
		06/07/2014	7° 18S	019° 39W	Bait boxes, dry cargo.	Yes
		06/07/2014	8° 06S	019° 26W	Bait boxes, dry cargo.	Yes
		02/08/2014	19° 56S	003° 26E	Dry cargo and fuel.	Yes
		03/08/2014	20° 39S	003° 54E	Dry cargo and fuel oil.	Yes
		05/08/2014	24° 39S	003° 07E	Bait boxes-200 and fuel oil- 70kl.	Yes
		05/08/2014	24° 39S	003° 06E	Bait boxes-300 and fuel oil- 80kl.	Yes
		09/08/2014	32° 56S	013° 42E	Frozen food and spare parts.	Yes

ICCAT

Observer Report



Trip Number:	156
Vessel Name:	
ICCAT Ref. No.	A
Observer Name:	John McDonagh
Cruise Dates:	From: 02/08/2014 To: 13/09/2014

1 Cruise Summary

In accordance with the bilateral agreement between Ocean Wide Shipping S.A. / MRS Corporation and MRAG Ltd., John McDonagh (ROP No. 113) joined the Vanuatu registered Carrier Vessel (CV) Chikuma (RFMO No. ICCAT AT000VUT00018) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 02/08/2014 to 13/09/2014.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chikuma	Call sign:	YJTE5
Port of registration:	Vanuatu	Flag State:	Vanuatu
Owner:	Ocean Wide Shipping S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3839.15 mt
Size (GRT):	6558	Length (LOA):	134.15 m
On-board acoustic equipment:		Furuno Echo Sounder: FE-700	
Position fixing equipment:		Furuno GPS Navigator GP-150 (x2)	
Vessel monitoring system (present/absent):		Present	
Radar:		Furuno RCU-014	
Communications equipment:		Furuno - Inmarsat C, SSB & NBDP	
Plotters:		Furuno RCU-014	
Tuna products already on board (Quantity)		2210 mt	

The tuna products already on board had been transhipped during the prior, IOTC, leg of the same trip.

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	02/08/2014
Method of embarkation*	Dockside
Date of departure	03/08/2014
Date of first transhipment	04/08/2014
Date of last transhipment	02/09/2014
Date of return	12/09/2014
Date of disembarkation	13/09/2014
Method of disembarkation*	Transfer vessel in port
Port of return	Colon, Panama

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 26 transhipments at sea. The locations are shown in detail in Figure 1, and the numbers received by nationality of vessel are given in Table 1.

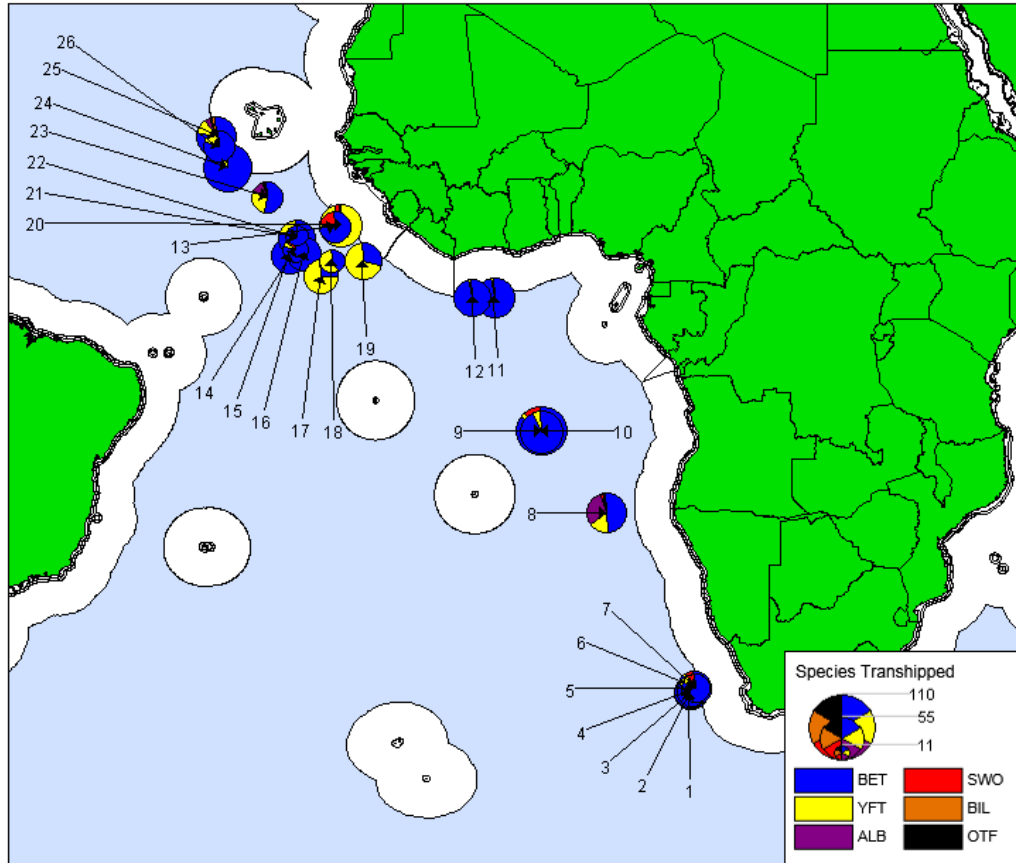


Figure 1 Location of Transshipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	4
	8
	12
	2

Comments: 8 non-ROP transhipments were also performed (appendix 1).

5 Summary of Transhipments Observed

Table 2 Summary of transhipments

No.	Name	RFMO No	Flag	Inspected	Date	Lat.	Long.	Trans. Time	% Obs.
1				Yes	04/08/14	32° 59.194 S	012° 59.224 E	02:20	100
2				Yes	04/08/14	32° 56.337 S	013° 01.546 E	01:55	100
3				Yes	04/08/14	32° 53.983 S	013° 03.624 E	02:25	100
4				Yes	04/08/14	32° 50.046 S	013° 04.421 E	01:35	100
5				Yes	05/08/14	32° 35.455 S	013° 18.981 E	02:45	100
6				Yes	05/08/14	32° 30.531 S	013° 22.123 E	02:20	100
7				Yes	05/08/14	32° 25.768 S	013° 24.797 E	02:15	100
8				Yes	09/08/14	17° 31.838 S	005° 42.895 E	04:15	100
9				Yes	11/08/14	10° 29.201 S	000° 01.695 W	04:30	100
10				Yes	12/08/14	10° 31.861 S	000° 03.756 E	05:25	100
11				Yes	16/08/14	00°54.002 N	004° 02.786 W	03:45	100
12				Yes	17/08/14	00° 58.369 N	005° 59.506 W	02:25	100
13				Yes	20/08/14	06° 58.969 N	017° 59.439 W	01:30	100
14				Yes	21/08/14	05° 00.650 N	021° 28.310 W	01:30	100
15				Yes	22/08/14	04° 35.081 N	022° 01.401 W	03:40	100
16				Yes	23/08/14	04° 44.217 N	020° 39.945 W	02:50	100
17				Yes	24/08/14	02° 41.604 N	019° 10.671 W	02:30	100
18				Yes	25/08/14	04° 03.356 N	018° 14.608 W	02:00	100
19				Yes	26/08/14	04° 01.036 N	015° 30.419 W	03:35	100
20				Yes	27/08/14	07° 11.499 N	017° 27.683 W	05:45	100
21				Yes	28/08/14	06° 02.437 N	021° 18.471 W	02:20	100
22				Yes	28/08/14	06° 04.514 N	021° 16.002 W	01:20	100
23				Yes	29/08/14	09° 32.069 N	023° 55.001 W	02:15	100
24				Yes	31/08/14	12° 06.426 N	027° 25.516 W	04:10	100
25				Yes	01/09/14	14° 46.241 N	028° 17.214 W	02:30	100
26				Yes	02/09/14	13° 49.814 N	028° 04.820 W	01:55	100

Table 3 Summary of vessel / observer estimated figures

No.	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	41.62	41.59	0.83	1.99	2.99	2.95	0.00	0.00	45.44	46.52	1.08	2.32
2	42.00	41.28	1.05	2.36	3.54	3.72	0.00	0.00	46.59	47.36	0.78	1.64
3	51.81	50.36	0.70	1.49	3.43	3.50	0.00	0.00	55.94	55.35	-0.59	-1.07
4	32.26	31.11	0.41	0.95	4.58	4.62	0.00	0.00	37.24	36.68	-0.56	-1.53
5	43.09	43.33	0.35	1.29	6.66	6.37	0.00	0.00	50.09	51.00	0.91	1.78
6	47.90	46.28	0.99	1.59	4.57	4.52	0.00	0.00	53.46	52.39	-1.07	-2.04
7	35.87	32.47	2.16	2.94	4.12	4.08	0.00	0.00	42.15	39.49	-2.66	-6.73
8	31.92	34.60	5.77	11.70	1.14	1.50	25.73	25.25	64.56	73.05	8.5	11.63
9	95.78	92.35	1.42	3.23	14.26	14.00	0.00	0.00	111.46	109.59	-1.88	-1.71
10	94.36	71.70	2.37	5.36	0.00	0.00	0.00	0.00	96.73	77.06	-19.67	-25.52
11	76.14	74.37	0.52	1.37	0.00	0.00	0.00	0.00	76.66	75.75	-0.91	-1.20
12	58.50	56.91	0.49	1.19	0.00	0.00	0.00	0.00	59.00	58.10	-0.9	-1.55
13	34.64	33.50	0.47	1.40	10.13	10.60	0.00	0.00	45.24	45.50	0.27	0.58
14	28.02	26.60	1.16	2.90	4.40	4.40	0.00	0.00	33.58	33.90	0.32	0.94
15	60.70	60.50	0.98	1.90	0.00	0.00	0.00	0.00	61.68	62.40	0.72	1.16
16	52.64	49.40	1.99	3.40	0.00	0.00	0.00	0.00	54.63	52.80	-1.83	-3.47
17	12.36	13.47	42.94	38.86	0.00	0.00	0.00	0.00	55.30	52.33	-2.97	-5.68
18	11.09	12.21	18.93	18.03	0.00	0.00	0.00	0.00	30.02	30.24	0.22	0.74
19	18.58	20.50	48.08	47.50	0.00	0.00	0.00	0.00	66.66	68.00	1.34	1.97
20	1.02	0.59	81.12	78.82	3.57	3.57	0.00	0.00	85.71	82.98	-2.73	-3.29
21	47.62	47.80	14.15	13.37	0.00	0.00	0.00	0.00	61.78	61.16	-0.62	-1.01
22	43.90	30.00	0.00	0.00	0.00	0.00	0.00	0.00	43.90	30.00	-13.9	-46.32
23	22.08	21.09	14.86	12.44	0.64	0.47	6.35	7.43	43.92	41.43	-2.48	-5.99
24	85.77	86.60	10.40	13.84	1.64	1.80	0.00	0.00	97.80	102.25	4.44	4.35
25	59.90	54.79	7.29	8.89	1.70	1.49	4.77	5.22	73.66	70.39	-3.26	-4.63
26	37.55	37.13	6.98	8.14	1.05	1.05	0.46	0.46	46.04	46.78	0.73	1.57

Comments:

The observer's estimate of weight differed from that of the transshipment declaration by greater than 10% for three transshipments. The discrepancy during transshipment with xxx was due to product being transferred in massive mixed strings (average 80 fish per string). The observer believes that for the transshipments with xxx) and xxx the observers estimate was correct.

6 Species and weight transferred

The vessel contained approximately 2210 mt of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2, and average weights by species are shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Obs. Wt.	Obs.%	Dec. Wt.	Dec.%
OTF	Unclassified fish	All	1.12	0.07	2.15	0.14
Albacore	<i>Thunnus alalunga</i>	N	3.03	0.20	3.52	0.23
Albacore	<i>Thunnus alalunga</i>	S	24.6	1.60	29.79	1.98
Albacore	<i>Thunnus alalunga</i>	Unk	5.39	0.35	0	0.00
Atlantic blue marlin	<i>Makaira nigricans</i>	All	2.58	0.17	2.91	0.19
Bigeye tuna	<i>Thunnus obesus</i>	All	1,167.11	75.83	1,110.54	73.91
Opah	<i>Lampris guttatus</i>	All	1.12	0.07	0	0.00
Swordfish	<i>Xiphias gladius</i>	N	29.92	1.94	29.86	1.99
Swordfish	<i>Xiphias gladius</i>	S	38.18	2.48	38.77	2.58
Swordfish	<i>Xiphias gladius</i>	Unk	0.32	0.02	0	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	266.39	17.31	284.97	18.97

Where not defined in the transshipment declaration (in transshipment 23), Stock ID of *T. alalunga* and *X. gladius* were classed as 'unknown' because the observer could not differentiate between northern and southern hemisphere stocks.

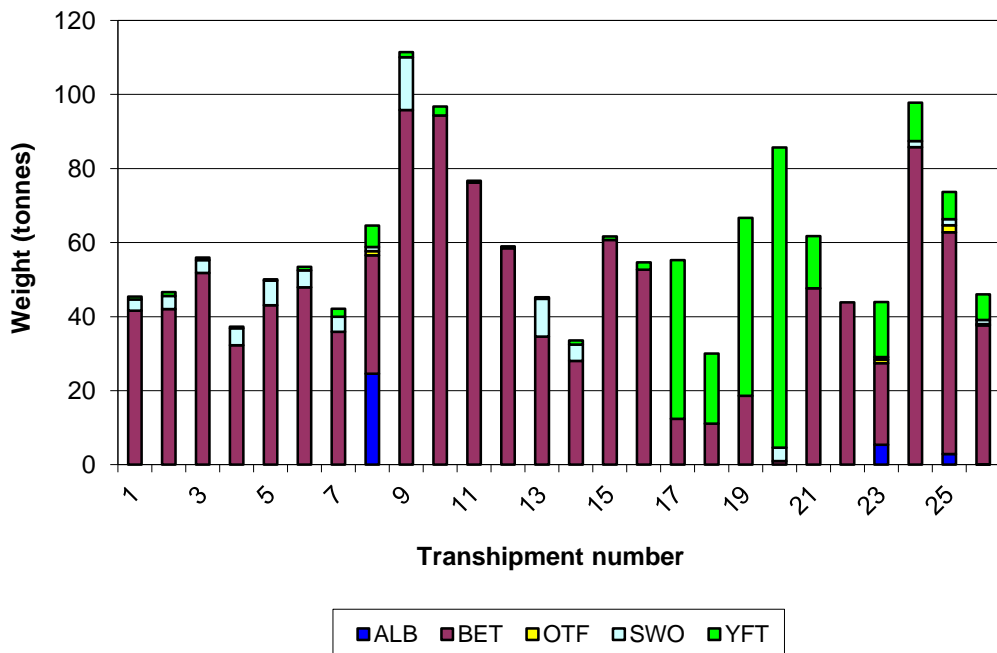


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific Name	Average Weight (kg)
OTF	Unclassified fish	7.39
Albacore	<i>Thunnus alalunga</i>	12.97
Atlantic blue marlin	<i>Makaira nigricans</i>	83.26
Bigeye tuna	<i>Thunnus obesus</i>	43.89
Opah	<i>Lampris guttatus</i>	18.73
Swordfish	<i>Xiphias gladius</i>	45.73
Yellowfin tuna	<i>Thunnus albacares</i>	26.17

Comments:

T. albacares, *T. obesus*, and *M. nigricans* were transferred as ‘gilled and gutted’ (GG); *T. alalunga* as ‘rounded weight’ (RD); *X. Gladius* as ‘dressed’ (DR) and ‘fillet’ (FL); and *L. guttatus* and OTF as ‘head off’ (HO) and ‘other’ (OT). The aforementioned species were usually transferred in mixed strings averaging 35 fish with *T. obesus* and *T. albacares* being the more prevalent in number at any one time.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels:

Table 6 Summary of inspections made on board LSTLVs

No.	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook				
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry		
1			Y	04/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	25/07/14
2			Y	04/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	24/07/14
3			Y	04/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	24/07/14
4			Y	04/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	24/07/14
5			Y	05/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	24/07/14
6			Y	05/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	25/07/14
7			Y	05/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	N	Y	Y	Y	PU	25/07/14
8			Y	09/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	Y	PU	08/08/14
9			Y	11/08/14	Y	Y	U	Y	Y	01/03/15	Y	Y	Y	Y	Y	Y	Y	PB	09/08/14
10			Y	12/08/14	N	Y	U	Y	Y	03/01/17	Y	Y	Y	N	Y	Y	Y	PB	10/08/14
11			Y	16/08/14	Y	Y	U	Y	Y	05/12/15	Y	Y	Y	Y	Y	Y	Y	PU	15/08/14
12			Y	17/08/14	Y	Y	U	Y	Y	21/10/17	Y	Y	Y	Y	Y	Y	Y	PB	17/08/14
13			Y	20/08/14	Y	Y	U	Y	Y	31/03/17	Y	Y	Z	Y	Y	Y	Y	PB	18/08/14
14			Y	21/08/14	Y	Y	U	Y	Y	31/03/17	Y	Y	Z	Y	Y	Y	Y	PB	20/08/14
15			Y	22/08/14	Y	Y	U	Y	Y	31/03/17	Y	Y	Z	Y	Y	Y	Y	PB	21/08/14
16			Y	23/08/14	Y	Y	U	Y	Y	31/03/16	Y	Y	Z	Y	Y	Y	Y	PB	22/08/14
17			Y	24/08/14	Y	Y	U	Y	Y	16/09/14	Y	Y	Y	Y	Y	Y	Y	PB	24/08/14
18			Y	25/08/14	Y	Y	U	Y	Y	19/12/14	Y	Y	Y	Y	Y	Y	Y	PB	24/08/14
19			Y	26/08/14	Y	Y	U	Y	Y	28/09/14	N	Y	Y	Y	Y	Y	Y	PB	26/08/14
20			Y	27/08/14	Y	Y	U	Y	Y	11/10/14	Y	Y	Y	Y	Y	Y	Y	PB	26/08/14
21			Y	28/08/14	Y	Y	U	Y	Y	05/07/19	Y	Y	Y	Y	Y	Y	Y	PB	27/08/14

22			Y	28/08/14	Y	Y	U	Y	N	27/09/12	Y	Y	Y	Y	Y	PB	27/08/14
23			Y	29/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	27/08/14
24			Y	31/08/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	30/08/14
25			Y	01/09/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	UB	31/08/14
26			Y	02/09/14	Y	Y	U	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	31/08/14

Comments:

Printed but unbound logbooks were shown to the observer during inspections of 11 vessels. The logbook pages were not numbered on one vessel

The fishing licence of 1 vessel was valid for the Indian Ocean, not the Atlantic Ocean (Figure 18). The fishing licence of xxx expired on 27th September 2012 (Figure 19).

The VMS power light on xxx was not illuminated, and the power switch was in the Off position (Figure 20). The VMS power light on xxx was not illuminated (Figure 21).

Instead of an Authorisation to Tranship, the cover letter only was shown to the observer when inspecting 4 vessels

Table 7 Comments from inspections

No.	Comments
1	Vessel's Fishing Log Book was unbound.
2	Vessel's Fishing Log Book was unbound. This vessel had the name 'FUJISEI MARU No.27' painted over on its Bow and Stern.
3	Vessel's Fishing Log Book was unbound.
4	Vessel's Fishing Log Book was unbound.
5	Vessel's Fishing Log Book was unbound.
6	Vessel's Fishing Log Book was unbound.
7	Vessel's Fishing Log Book was unbound. Also, the VMS power light was not illuminated and the power switch was in the off position. The Captain stated that the unit was broken.
8	Vessel's Fishing Log Book was unbound.
10	The vessel's VMS power light was off and the vessel's name on the bow and stern differed from that of the ICCAT record,. Also, its 'incorrect' name was unreadable on the bow as was its national registration number. Furthermore, the IRCS 'BZJI' was painted over on its starboard side to the right of the vessel's present IRCS.
11	Vessel's Fishing Log Book was unbound.
13	The vessel was in possession of an ATT but this letter of intent did not specify this particular vessel, or any other vessel, and there was no attached application. The Captain stated that the ATT applied to his LSTLV and the another LSTLV
14	The vessel was in possession of an ATT but this letter of intent did not specify this particular vessel, or any other vessel, and there was no attached application. Also, the vessel's name and documentation state 'xx3' but the ICCAT vessel record states 'yy'. Furthermore, the vessel's name on its Bow and Stern were unclear.
15	The vessel was in possession of an ATT but this letter of intent did not specify this particular vessel, or any other vessel, and there was no attached application.
16	The vessel was in possession of an ATT but this letter of intent did not specify this particular vessel, or any other vessel, and there was no attached application. A former vessel name – 'xxx – had been painted over.
18	The vessel was not listed on the observer's ICCAT vessel record. The vessel's ICCAT RFMO No. and Call Sign, taken from the vessel's ICCAT Transhipment Declaration and ATT, different
19	The vessel's ATF stated "Unlimited Waters (Indian Ocean)"
22	The vessel's ATF expired 27/09/2012. This vessel's former name, which had been painted over, was 'xxx.
23	The vessel's fishing log book was unbound.
25	Trans. No.25 was the LSTLV 'xxx7.The vessel's fishing log book was unprinted and bound (UB), and the log sheets were not numbered.
26	The vessel's fishing log book was unbound.

The observer made 15 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No.	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
1			15601	LNB	
2			15602	LNB	
3			15603	LNB	
4			15604	LNB	
5			15605	LNB	
6			15606	LNB	
7			15607	LNB	VNL
8			15608	LNB	
10			15610	VNL	IIM
11			15611	LNB	
19			15619	AIA	
22			15622	LNB	AID
23			15623	LNB	
25			15625	LNN	
26			15626	LNB	

On further inspection of photographs of the logbook of xxx, the logbook appeared to be bound (Figure 14) and the PNC sent in error. The PNC (LNB) has therefore been retracted. The other part of the PNC regarding the fishing licence (AID) remains.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The name on the bow was partially obscured and incorrect (Figure 3), and an old callsign was just visible on the starboard side of the vessel (Figure 4).

Figure 3 Obscured and incorrect name Figure 4 Incorrect callsign on side of on bow of

8.2 Issues with Fishing Licence, logbooks or VMS

Printed but unbound logbooks were shown to the observer during inspections of xxx
The logbook pages were not numbered on.xxx (Figure 16).

Figure 5 Logbook printed and unbound

Figure 6 Logbook – printed and unbound

Figure 7 Logbook of printed and unbound

Figure 8 Logbook of printed and unbound

Figure 9 Logbook of printed but unbound

Figure 10 Logbook of printed but unbound

Figure 11 Logbook of printed and unbound

Figure 12 Logbook of printed and unbound

Figure 13 Logbook of - printed and unbound

Figure 14 Logbook of printed and bound, PNC sent in error

Figure 15 Logbook – printed and unbound

Figure 16 Logbook - pages not numbered

Figure 17 Logbook– printed and unbound

The fishing licence of xxx was valid for the Indian Ocean, not the Atlantic Ocean (Figure 18). The fishing licence of xxx expired on 27th September 2012 (Figure 19).

Figure 18 Fishing licence of xxx showing validity in Indian Ocean only

Figure 19 Out-of-date fishing licence of

The VMS power light on xxx was not illuminated, and the power switch was in the Off position (Figure 20). The VMS power light on xx was not illuminated (Figure 21).

Figure 20 No VMS light on

Figure 21 No VMS light on

Instead of an Authorisation to Tranship, the cover letter only was shown to the observer when inspecting xxx).

Figure 22 Cover letter of ATT on

Figure 23 Cover letter of ATT on

Figure 24 Cover letter of ATT on

Figure 25 Cover letter of ATT on

9 Other Observer Tasks

9.1 CV waste disposal

The CV had a waste incinerator in the engine room (Figure 26), a galley waste compactor (Figure 27) and recycling bins (cans, bottles, plastics, and other general waste) on all decks (Figure 28).



Figure 26 Engine room waste incinerator



Figure 27 Galley waste compactor



Figure 28 Recycling bins

9.2 Unidentified or IUU vessels

None

9.3 Marine mammals

Table 9 Marine mammal sightings

Date	Time	Lat.	Long.	Species	Abundance	Behaviour
05/08/14	16:00	32° 25 S	013° 24 E	Southern right whale	1	Swimming around CV
12/08/14	11:20	10° 29 S	000° 01 W	Fin/Sei whale	2 (Female with calf)	Swimming around CV
16/08/14	10:25	00° 54 N	004° 07 W	Bottlenose dolphin	~25	Travelling off CV Stb. Stern
26/08/14	12:35	04° 08 N	015° 34 W	Bottlenose dolphin	~125	Hunting around CV and LSPLV
28/08/14	18:25	06° 37 N	021° 39 W	Bottlenose dolphin	~45	Travelling across CV bow

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP transhipments

Vessel	RFMO Number	Date	Lat.	Long.	Comments	Photo
		08/08/14	16° 59.8 S	006° 00.3 E	Bunkering and transfer of stores	Yes
		14/08/14	02° 55.7 S	001° 09.1 W	Transfer of 2235 cases of bait	Yes
		15/08/14	00° 49.1 N	001° 17.9 W	Transfer of 3000 cases of bait	Yes
		19/08/14	03° 58.5 N	014° 59.1 W	Transfer of 2235 cases of bait plus stores	Yes
		19/08/14	03° 30.5 N	015° 58.2 W	Transfer of 2234 cases of bait plus stores	Yes
		24/08/14	02° 41.1 N	019° 10.2 W	Bunkering and transfer of stores	Yes
		30/08/14	11° 52.1 N	026° 41.8 W	Bunkering and transfer of stores	Yes
		31/08/14	12° 07.4 N	027° 26.4 W	Transfer of Stores	Yes

Observer Report



ICCAT

Trip Number:	157-14
Vessel Name:	Taisei Maru no 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	H. Crous
Cruise Dates:	From: 05/09/2014 To: 27/10/2014

1 Cruise Summary

In accordance with the bilateral agreement between Taiseimaru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring cc, Hennie Crous (ROP no. 009) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No 24, AT000JPN00571 as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 5/09/2014 to 27/10/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No 24	Call sign:	JILE
Port of registration:	ISE, Japan	Flag State:	Japan
Owner:	Kaisha Taisei Maru Kaiun Ltd.	Charterer:	Same as owner
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3200 tonne
Size (GRT):	4982 tonne	Length (LOA):	124.25
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC Type JLR-7800 JRC Type JLR-7700MK II JRC Type JLR- 6800		
Vessel monitoring system (present/absent):	Present		
Radar:	1 x JMA-9132-SA 1 x JMA6503-9		
Communications equipment:	MF/HF: JRC JSS-800 2 x VHF:JRC JHS-31 Inmarsat B, C and F33		
Plotters:	JRC NWU-53		
Tuna products already on board (Quantity)	604.866 tonnes		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	05/09/2014
Method of embarkation*	Portside
Date of departure	05/09/2014
Date of first transshipment	09/09/2014
Date of last transshipment	22/10/2014
Date of return	27/10/2014
Date of disembarkation	27/10/2014
Method of disembarkation*	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 33 transshipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

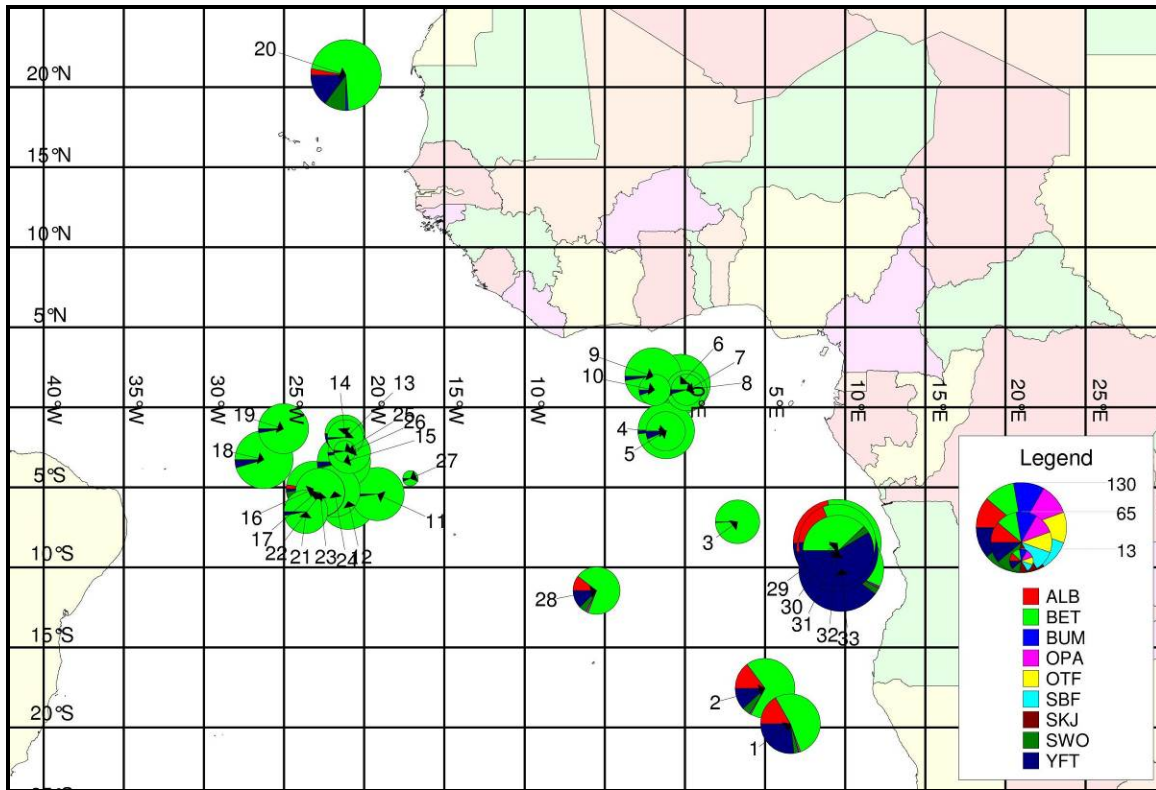


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	20
	9
	4

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	09/09/2014	19°45.873 S	006°35.666 E	04:20	100.00%
2				Yes	10/09/2014	17°33.321 S	005°00.0325 E	03:00	100.00%
3				Yes	14/09/2014	07°09.456 S	003°17.287 E	01:25	100.00%
4				Yes	16/09/2014	01°29.987 S	001°11.358 W	01:25	100.00%
5				Yes	16/09/2014	01°27.126 S	001°08.884 W	02:35	100.00%
6				Yes	17/09/2014	01°26.686 N	000°16.514 W	04:25	100.00%
7				Yes	18/09/2014	01°02.174 N	000°06.192 E	02:10	100.00%
8				Yes	18/09/2014	01°05.38 N	000°07.774 E	00:55	100.00%
9				Yes	19/09/2014	01°56.025 N	001°58.653 W	03:25	100.00%
10				Yes	19/09/2014	01°04.382 N	001°52.669 W	00:40	100.00%
11				Yes	22/09/2014	05°25.664 S	019°10.155 W	01:35	100.00%
12				Yes	23/09/2014	05°52.272 S	021°00.577 W	02:35	100.00%
13				Yes	24/09/2014	01°53.633 S	021°10.281 W	00:55	100.00%
14				Yes	24/09/2014	01°41.5 S	021°13.5 W	02:20	100.00%
15				Yes	25/09/2014	03°24.437 S	021°15.876 W	04:20	100.00%
16				Yes	26/09/2014	05°05.513 S	023°09.276 W	02:55	100.00%
17				Yes	27/09/2014	05°16.801 S	022°57.376 W	03:30	100.00%
18				Yes	28/09/2014	03°16.3 S	026°15.1 W	02:40	100.00%
19				Yes	29/09/2014	01°20.815 S	025°01.869 W	01:55	100.00%
20				Yes	03/10/2014	20°44.73 N	021°07.816 W	03:25	100.00%
21				Yes	09/10/2014	06°31.321 S	023°37.48 W	01:15	100.00%
22				Yes	10/10/2014	05°20.593 S	022°42.446 W	01:25	100.00%
23				Yes	10/10/2014	05°19.862 S	022°45.321 W	02:25	100.00%
24				Yes	11/10/2014	05°14.645 S	021°51.439 W	01:55	100.00%
25				Yes	12/10/2014	02°45.498 S	021°12.543 W	00:45	100.00%
26				Yes	12/10/2014	02°49.652 S	020°56.146 W	00:45	100.00%
27				Yes	13/10/2014	04°26.746 S	017°07.113 W	00:20	100.00%
28				Yes	16/10/2014	11°27 S	005°29.8 W	02:20	100.00%
29				Yes	19/10/2014	08°30.233 S	009°30.802 E	08:35	100.00%
30				Yes	20/10/2014	08°27.5 S	009°30.5 E	06:45	100.00%
31				Yes	21/10/2014	08°57.0139 S	009°34.5022 E	04:40	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
32				Yes	21/10/2014	09°01.417 S	009°30.843 E	04:30	100.00%
33				Yes	22/10/2014	10°06.2 S	009°45.8 E	06:00	100.00%

Comments:

The observer monitored the full duration of all the transshipments and conducted on-board inspections of all LSPLVs.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	34.45	0	17.645	1.711	1.711	63.182	11.245	64.893	65.051	0.16	0.24%
2	0	44.167	0	7.765	2.92	2.895	59.588	9.911	62.508	64.738	2.23	3.44%
3	36.415	37.19	0.314	0.269	0	0	0	0	36.729	37.459	0.73	1.95%
4	27.257	29	2	2	0	0	0	0	29.257	31	1.74	5.62%
5	0	57.588	0	1.237	0	0	59.163	0	59.163	58.825	-0.34	-0.57%
6	64.071	62.646	1.109	1.275	0	0	0	0	65.18	63.921	-1.26	-1.97%
7	32.627	31.99	1.331	1.711	0	0	0	0	33.958	33.701	-0.26	-0.76%
8	20.273	20.07	0.846	0.935	0	0	0	0	21.119	21.005	-0.11	-0.54%
9	60.154	56.863	1.411	1.587	0	0	0	0	61.565	58.45	-3.12	-5.33%
10	19.816	19.631	1.036	1.195	0	0	0	0	20.852	20.826	-0.03	-0.12%
11	53.528	51.287	1.096	1.2	0	0	0	0	54.624	52.487	-2.14	-4.07%
12	0	60.069	0	0.359	0	0	62.884	0	62.884	60.428	-2.46	-4.06%
13	26.87	26.59	0.587	0.553	0	0	0	0	27.457	27.143	-0.31	-1.16%
14	0	17	0	13	0	0	32.73	0.2	32.73	30.2	-2.53	-8.38%
15	47.756	46.904	1.824	1.964	4	4	0	0	53.58	52.868	-0.71	-1.35%
16	53.273	51.408	0.927	1.113	3.09	2.98	1.622	1.282	58.912	56.783	-2.13	-3.75%
17	51.173	49.838	1.717	1.903	10.05	10	0	0	62.94	61.741	-1.20	-1.94%
18	62.65	60	2.732	3	0	0	0	0	65.382	63	-2.38	-3.78%
19	45.067	46	1.238	1.4	0	0	0	0	46.305	47.4	1.10	2.31%
20	0	61.787	0	12.901	8.188	8.764	75.978	3.685	84.166	87.137	2.97	3.41%
21	36.128	36.185	1.055	1.155	0	0	0	0	37.183	37.34	0.16	0.42%
22	45.834	43.8	1.108	1.2	0	0	0	0	46.942	45	-1.94	-4.32%
23	47.114	45.438	0.566	0.566	0	0	0	0	47.68	46.004	-1.68	-3.64%
24	49.232	50.154	0.281	0.234	0	0	0	0	49.513	50.388	0.88	1.74%
25	10.113	10.5	0.223	0.297	0	0	0.201	0.201	10.537	10.998	0.46	4.19%
26	34.637	34.862	0.82	0.934	0	0	0	0	35.457	35.796	0.34	0.95%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
27	5.512	5.402	0.319	0.426	0	0	0	0	5.831	5.828	0.00	-0.05%
28	0	30.595	0	5.458	2.247	2.27	38.275	4.889	40.522	43.212	2.69	6.23%
29	0	45.623	0	51.183	3.038	3.354	126.166	28.099	129.204	128.259	-0.94	-0.74%
30	0	44.935	0	31.945	3.206	3.138	94.255	19.38	97.461	100.792	3.33	3.30%
31	0	33.102	0	50.935	2.825	2.825	79.54	0.205	82.365	87.067	4.70	5.40%
32	0	38.033	0	63.978	2.709	2.923	104.562	7.902	107.271	112.836	5.57	4.93%
33	0	57.18	0	48.46	2.783	2.968	109.635	12.317	112.418	120.925	8.51	7.03%

Comments:

Both the xx and yy flagged LSPLVs first hoisted the tuna from the hold and then collected the strings on the hauling deck of the LSPLV until a sufficiently large bundle had been established to transfer to the carrier vessel. This enabled the observer to make an accurate count per specie. The tuna from zz flagged LSPLVs was hoisted directly out of the fishing vessel's hold to the carrier vessel's hold. The observer relied to a greater extent on estimates of the numbers per string. In this case the tuna was recorded as mixed tuna.

6 Species and weight transferred

The vessel contained 604.866 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3 and a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Area	Observed		Declared	
			Weight	%	Weight	%
Other fish		AT-SE	0.12	0.01%	0.14	0.01%
Albacore	<i>Thunnus alalunga</i>	ALB-N	1.62	0.09%	4.10	0.23%
Albacore	<i>Thunnus alalunga</i>	ALB-S	65.07	3.60%	90.21	4.96%
Atlantic blue marlin	<i>Makaira nigricans</i>	BUM-N	0.94	0.05%	1.07	0.06%
Atlantic blue marlin	<i>Makaira nigricans</i>	BUM-S	2.08	0.12%	2.08	0.11%
Bigeye tuna	<i>Thunnus obesus</i>	All	829.50	45.92%	1340.29	73.70%
Mixed Tunas		All	836.12	46.28%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	AT-SE	3.65	0.20%	3.39	0.19%
Skipjack tuna	<i>Katsuwonus pelamis</i>	SKJ-E	0.00	0.00%	0.04	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	SBF-E	0.00	0.00%	1.39	0.08%
Swordfish	<i>Xiphias gladius</i>	SWO-N	11.28	0.62%	15.74	0.87%
Swordfish	<i>Xiphias gladius</i>	SWO-S	35.49	1.96%	32.08	1.76%
Yellowfin tuna	<i>Thunnus albacares</i>	All	22.54	1.25%	329.78	18.13%

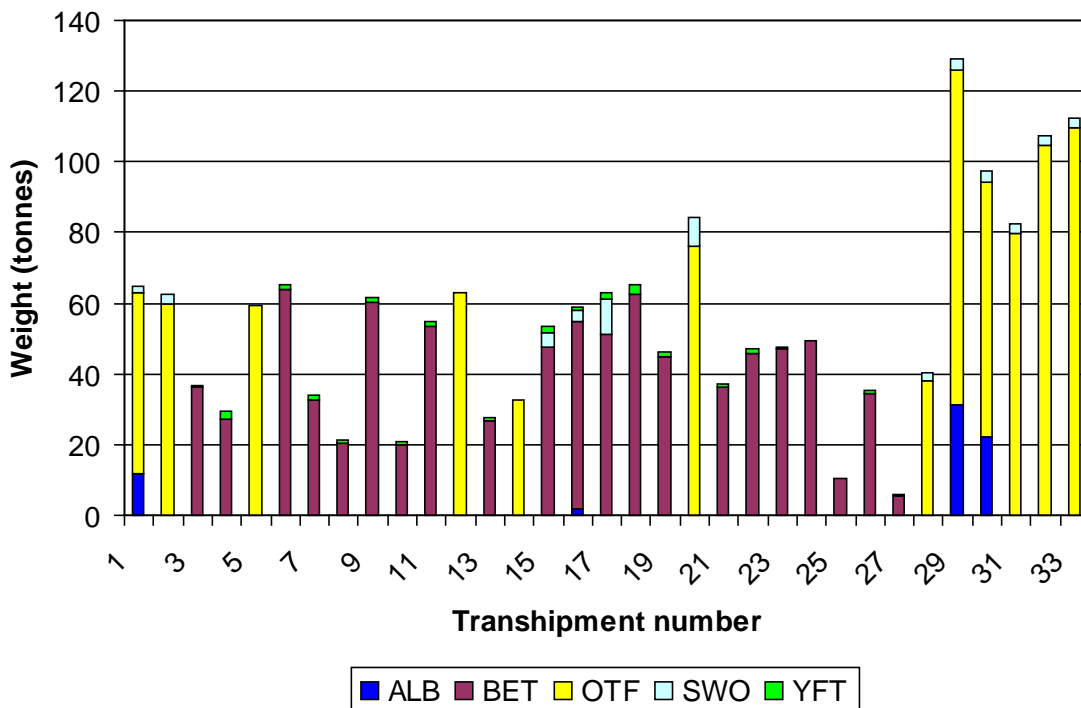


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other		6.53
Albacore	<i>Thunnus alalunga</i>	10.68
Atlantic blue marlin	<i>Makaira nigricans</i>	143.62
Bigeye tuna	<i>Thunnus obesus</i>	57.33
Mixed Tunas		26.93
Opah	<i>Lampris guttatus</i>	8.61
Swordfish	<i>Xiphias gladius</i>	36.62
Yellowfin tuna	<i>Thunnus albacares</i>	43.43

Comments:

In the case of Chinese Taipei and Philippine flagged LSPLVs the main species transhipped were *Thunnus obesus* and *Thunnus albacares* (gilled and gutted), with small amounts of dressed *Xiphias gladius*. The Japanese flagged LSPLVs transhipped both the above mentioned tuna species as well as *Thunnus alalunga* in the round. In this case the major by-catch species were *X. gladius*, both filleted and dressed. *Makaira nigricans* and smaller amounts of *Lampris guttatus* was also transhipped. Both these species were dressed.

All the LSPLVs transhipped supplied the weight as well as the number of fish per specie thus determining the declared average weight per specie was a simple procedure. In some cases large quantities of *T. alalunga* were brought on board the carrier vessel by means of a cargo net. In this case the observer used the average weight of the specie together with the CV hook scale weight per string to calculate the number of fish.

7 Southern bluefin tuna transshipments

The carrier vessel received only one transshipment of southern bluefin tuna *Thunnus maccoyii*. The details are listed below.

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transshipment time	% Observed
30				Yes	20/10/2014	8 27.8S	9 30.5E	6:45	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
30	9	22	CM-JP-14-057-02	0270-0291
30	14	5	CM-JP-14-057-02	02792-02796

Comments:

The Commission for the Conservation of Southern Bluefin Tuna Catch Monitoring forms were completed for the transshipment of the *Thunnus maccoyii* and the fish were marked with serial numbered tags.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1	FUKUKYU MARU No. 7	Japan	Yes	09/09/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	08/09/2014
2	RYOAN MARU No. 15	Japan	Yes	10/09/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	09/09/2014
3	KUANG MEI	Chinese Taipei	Yes	14/09/14	Yes	Yes	Yes	Yes	Yes	01/03/17	Yes	Yes	Yes	Yes	Yes	PB	14/09/2014

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
4			Yes	16/09/14	Yes	Yes	Yes	Yes	Yes	Yes	14/05/16	Yes	Yes	Yes	Yes	Yes	PB	15/09/2014
5			Yes	16/09/14	Yes	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	15/09/2014
6			Yes	17/09/14	Yes	Yes	Yes	Yes	Yes	Yes	12/10/17	Yes	Yes	Yes	Yes	Yes	PB	16/09/2014
7			Yes	18/09/14	Yes	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	17/09/2014
8			Yes	18/09/14	Yes	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	17/09/2014
9			Yes	19/09/14	Yes	Yes	Yes	Yes	Yes	Yes	01/09/17	Yes	Yes	Yes	Yes	Yes	PB	19/09/2014
10			Yes	19/09/14	Yes	Yes	Yes	Yes	Yes	Yes	05/12/14	Yes	Yes	Yes	Yes	Yes	PB	18/09/2014
11			Yes	22/09/14	Yes	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	21/09/2014
12			Yes	23/09/14	Yes	Yes	Yes	Yes	Yes	Yes	28/02/15	Yes	Yes	Yes	Yes	Yes	PB	23/09/2014
13			Yes	24/09/14	Yes	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	No	Yes	PB	22/09/2014
14			Yes	24/09/14	Yes	Yes	Yes	Yes	Yes	Yes	19/12/14	Yes	Yes	Yes	Yes	Yes	PB	24/09/2014
15			Yes	25/09/14	Yes	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	PB	24/09/2014
16			Yes	26/09/14	Yes	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	25/09/2014
17			Yes	27/09/14	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	26/09/2014
18			Yes	28/09/14	Yes	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	27/09/2014
19			Yes	29/09/14	Yes	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	28/09/2014
20			Yes	03/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	01/10/2014
21			Yes	09/10/14	Yes	Yes	Yes	Yes	Yes	Yes	04/01/15	Yes	Yes	Yes	Yes	Yes	PU	08/10/2014
22			Yes	10/10/14	No	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	Yes	Yes	Yes	Yes	PU	10/10/2014
23			Yes	10/10/14	Yes	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	PB	09/10/2014
24			Yes	11/10/14	Yes	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	10/10/2014
25			Yes	12/10/14	Yes	Yes	Yes	Yes	Yes	Yes	19/12/14	Yes	Yes	Yes	Yes	Yes	PB	11/10/2014
26			Yes	12/10/14	Yes	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	11/10/2014
27			Yes	13/10/14	Yes	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	12/10/2014
28			Yes	16/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	15/10/2014
29			Yes	19/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	18/10/2014
30			Yes	20/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/10/2014
31			Yes	21/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/10/2014
32			Yes	21/10/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/10/2014
33			Yes	22/10/14	No	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/10/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The observer made 13 Potential Non Compliance (PNC) reports

Table 9 Summary of PNC reports issued.

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
2			1	LNB	LNN	
13			2	VNL	LND	
17			3	LNB	LNN	
19			4	LNB	LNN	
20			5	LNB	LNN	LND
21			6	LNB	LNN	
22			7	LNB	LNN	IIM
28			8	LNB	LNN	
29			9	LNB	LNN	
30			10	LNB	LNN	IIM
31			11	LNB	LNN	
32			12	LNB	LNN	
33			13	LNB	LNN	IIM

Table 10 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			The International Radio call Sign (IRCS) on the starboard sign was displayed as "xx". However, the boards where the IRCS was displayed had cut outs that made the "I" appear like and "L". The other IRCS markings all clearly displayed the correct IRCS. Figure 3 IRCS displayed The logo on the log form indicated that the logbook was issued by the xxx.
2			Fishing logbook page was a loose printed sheet in a plastic holdall. The observer did not see any official logo or wording on this un-numbered form.
3			The fishing logbook issued by the government. It was bound and complete with serial numbers.
4			All the required documents found to be in order. The logbook was consistent with the logbook examples of flagged LSPLVs issued by the flag state government.
5			No comment

TS No.	Vessel Name	ICCAT No.	Comments
6			The IRCS displayed on the starboard side of the LSPLV was partially worn away. Figure 4 Worn IRCS The fishing logbook was printed and bound complete with serial numbers.
7			The logbook was issued by flag state and was bound and complete with serial numbers.
8			The logbook was the flag state standard with the pages numbered.
9			The first word of the LPSLV's name on the stern was faded but still discernible. Figure 5 Worn stern markings
10			The LSPLV's name on the bow partly obscured by fouling but could still be read at close range. Figure 6 Vessel name markings
11			No comment.
12			No comment.
13			The ATF showed that the vessel was fitted with an Argos (87187) VMS. When the observer asked the captain to point out the VMS he pointed to the Inmarsat C VMS system (Thrane & Thrane 3022D). The green power light on the VMS was not lit up as the unit was not powered up. The LSPLV was also fitted with a Trimble Galaxy TNL7001, which the captain switched on during the inspection. Therefore both VMS units observed during the inspection were not switched on when the inspection commenced. The fishing logbook's last entry was dated the 22nd September. When the observer enquired why there was no entry for the 23rd the master indicated that the vessel was steaming towards the arranged meeting point with the CV.
14			The LSPLV's ATF listed an Argos (ID no. 54957) as the VMS. The observer was shown an Inmarsat C Trimble Galaxy TNL7001 unit (with the power on). The observer was also shown the Argos aerial dome but the display unit was attached and concealed at the base of the upright holding the dome.
15			No comment.
16			No comment.

TS No.	Vessel Name	ICCAT No.	Comments
17			The LSPLV's fishing logbook was not bound and the pages were not sequentially numbered. Figure 7 Unbound and un-numbered logbook
18			No comment.
19			The fishing logbook was printed but not bound and the pages were not numbered with serial numbers. Figure 8 Unbound and un-numbered logbook of the The VMS unit was fitted with a power switch. Figure 9 VMS fitted with power switch
20			The LSPLV's logbook was not bound and pages have no sequential serial numbers. In addition the logbook was only completed up to 1/10/2014. Figure 10 Unbound and un-numbered logbook
21			The fishing logbook was not bound and the pages not sequentially numbered. Figure 11 Unbound and un-numbered logbook The VMS was fitted with an on/off switch. Figure 12 VMS with power switch
22			The vessel name displayed on bow and stern of LSPLV read "xxx" instead of "Syyy". Figure 13 Bow markings of the VMS Vessel's fishing logbook not bound and pages not numbered. Figure 14 Unbound and un-numbered logbook The VMS unit was fitted with a switch. Figure 15 VMS unit and power switch fitted to the Sun Warm No. 627
23			The ATF listed the vessel VMS as an Argos (ID No.77924) unit. The VMS shown to the observer was a Thrane & Thrane 3022D unit in good working order.
24			No comment.
25			This was the second transshipment from this LSPLV during this voyage of the CV.
26			No comment.
27			No comment.

TS No.	Vessel Name	ICCAT No.	Comments
28			The sheets of the fishing logbook were not bound nor were they sequentially numbered. Figure 16 Unbound and un-numbered logbook of the RYUSEI MARU No. 2
29			The LSPLP's fishing logbook was not bound. Data was recorded on loose printed sheets that were not sequentially numbered. Figure 17 Unbound and un-numbered logbook of the MATSUEI MARU No. 5
30			The LSPLV's name on the stern only written in Japanese. This LSPLV fishing logbook was printed but not bound and the pages were not numbered. Figure 18 Unbound and un-numbered logbook
31			To fishing logbook was not bound and sheets not numbered. Figure 19 Unbound and un-numbered logbook
32			The LSPLV's fishing logbook was not bound and the sheets were not numbered. Figure 20 Unbound and un-numbered logbook
33			The LSPLV's name "xx" was displayed on the starboard bow and the name "yy" was displayed on the stern. The name on the bow was not the same as the name provided in the ICCAT observer database vessel list. Figure 21 Bow markings The fishing logbook was not bound and the sheets were not numbered. Figure 22 Unbound and un-numbered logbook

8.1 Verifying vessel name / RFMO number and National Registration Number.

Three LSPLVs did not display names consistent with the names provided in the list of ICCAT vessels provided to the observer. The first was a Philippine flagged LSPLV Sun Warm No 627. According to the ICCAT list the name should read as "Sun Warm No. 627". The LSPLV displayed the name "Sun Warm 627" on the starboard bow of the vessel (Figure 13).

The Japanese flagged LSPLV Matsuei Maru No 28 only displayed the name in Japanese characters on the stern of the vessel.

The Japanese flagged LSPLV "KINEI MARU No. 81" displayed the correct name on the stern but displayed the name "Kinei Maru 81" on the starboard bow (Figure 21).

8.2 Issues with Fishing Licence, logbooks or VMS

The following LSPLVs provided fishing logbooks with sheets/pages that were not bound and were not sequentially numbered:

One Chinese Taipei flagged LSPV, xxx showed the observer a VMS with no power light visible.

This fishing logbooks of the LSPLVs xx and yy were not up to date.

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel was well aware of garbage disposal at sea and to this end had a macerator in the galley to grind food waste before disposal as well as an incinerator on the aft deck to dispose of all burnable waste.

Large drums were in place to store items such as tins etc. for disposal in port.

9.2 Unidentified or IUU vessels

None encountered.

9.3 Marine mammals.

In between transhipments whilst the vessel was steaming, the observer carried out a 2-hour marine mammal watch in the morning and another 1-hour watch in the afternoon.

Marine mammals observed are summarised in the table below.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
07/09/2014	08:45	24 53.6S	9 43.0E	<i>Delphinus delphis</i>	10	Bow riding
13/09/2014	12:15	8 09.8S	7 59.9E	<i>Megaptera novaeangliae</i>	4	Tail slapping
15/09/2014	10:15	2 10.5S	0 06.8E	<i>Delphinus sp.</i>	80-100	Porpoising
30/09/2014	09:35	6 53.9N	23 34.8W	<i>Delphinus sp</i>	7	Leaping
6/10/2014	09:30	10 28.0N	24 54.6W	<i>Tursiops truncatus</i>	5	Port bow-Riding

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		08/09/2014	20 15.7S	005 08.9E	General gear, foodstuff.	5
		08/09/2014	20 14.7S	005 08.2E	Bunkers and general vessel supplies	5
		09/09/2014	19 42.9S	006 33.6E	Bunkers and general vessel supplies	5
		09/09/2014	19 26.8S	006 35.9E	Bunkers and general vessel supplies	5
		11/09/2014	15 59.3S	008 08.5E	Bunkers and general vessel supplies	5
		11/09/2014	15 58.3S	008 07.2E	Bunkers and general vessel supplies	5
		11/09/2014	15 10.5S	008 07.3E	General gear, foodstuff.	5
		11/09/2014	15 10.6S	008 06.2E	Bunkers and general vessel supplies	5
		13/09/2014	08 29.4S	009 22.7E	Bunkers, bait and gen. supplies	5
		15/09/2014	2 00.7S	000 03.8E	General gear, foodstuff.	5
		17/09/2014	1 28.0N	000 18.5W	Bait and general supplies	5
		22/10/2014	10 28.1S	009 41.1E	Fuel oil	5

ICCAT

Observer Report



Trip Number:	158
Vessel Name:	M/V IBUKI
ICCAT Ref. No.	AT000VUT00015
Observer Name:	David Virgo
Cruise Dates:	From: 10/09/2014 To: 18/10/2014

1 Cruise Summary

In accordance with the bilateral agreement between Star Navigation S.A. and M.R.A.G. Ltd, David Virgo ROP No.107 joined the Vanuatu registered Carrier Vessel (CV) M/V IBUKI RFMO No. AT000VUT00015 as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/09/2014 to 18/10/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers

2 Carrier Vessel details

Vessel name:	M/V IBUKI	Call sign:	YJTD3
Port of registration:	Port Villa	Flag State:	Republic of Vanuatu
Owner:	Star Navigation S.A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	284.042 CFT 8043m ³
Size (GRT):	6558 Tons	Length (LOA):	134.15m
On-board acoustic equipment:	Furuno F700		
Position fixing equipment:	Furuno GP-150 x 2		
Vessel monitoring system (present/absent):	Present		
Radar:	Furuno RCU-014 x 2 S Band / X Band		
Communications equipment:	HF Furuno FS-2575Cx2, VHF Furuno FM-8900Sx2 Navetex SX-700, inmarsat C, AIS Furuno FA-150		
Plotters:	Manual		
Tuna products already on board (Quantity)	1895.16 tonnes From IOTC		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	10/09/2014
Method of embarkation*	Observer remained on the vessel from IOTC transhipments.
Date of departure	10/09/2014
Date of first transhipment	16/09/2014
Date of last transhipment	13/10/2014
Date of return	18/10/2014
Date of disembarkation	Observer remained on the vessel for IOTC transhipments.
Method of disembarkation*	N/A
Port of return	Cape Town

The observer remained onboard Ibuki from a previous deployment within IOTC waters.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The observer joined the vessel at Cape Town on 10/09/2014 and performed a pre-sea inspection on the same day. The vessel passed all parts of the pre-sea inspection and the vessel sailed on the evening of 10/09/2014.

IBUKI performed 24 ICCAT transshipments between 14/09/2014 and 13/10/2014, the locations of which are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

The vessel was at sea for 38 days port to port, including 21 days of steaming and 17 transshipment days. The vessel received a total of 1,230 tonnes of tuna and tuna-like products. Transshipment times ranged from 45 minutes to 7 hours 10 minutes. Average transshipment time was 2 hours 28 minutes. Quantities transhipped ranged from 22 tonnes to 118 tonnes. Average quantity transhipped was 51 tonnes.

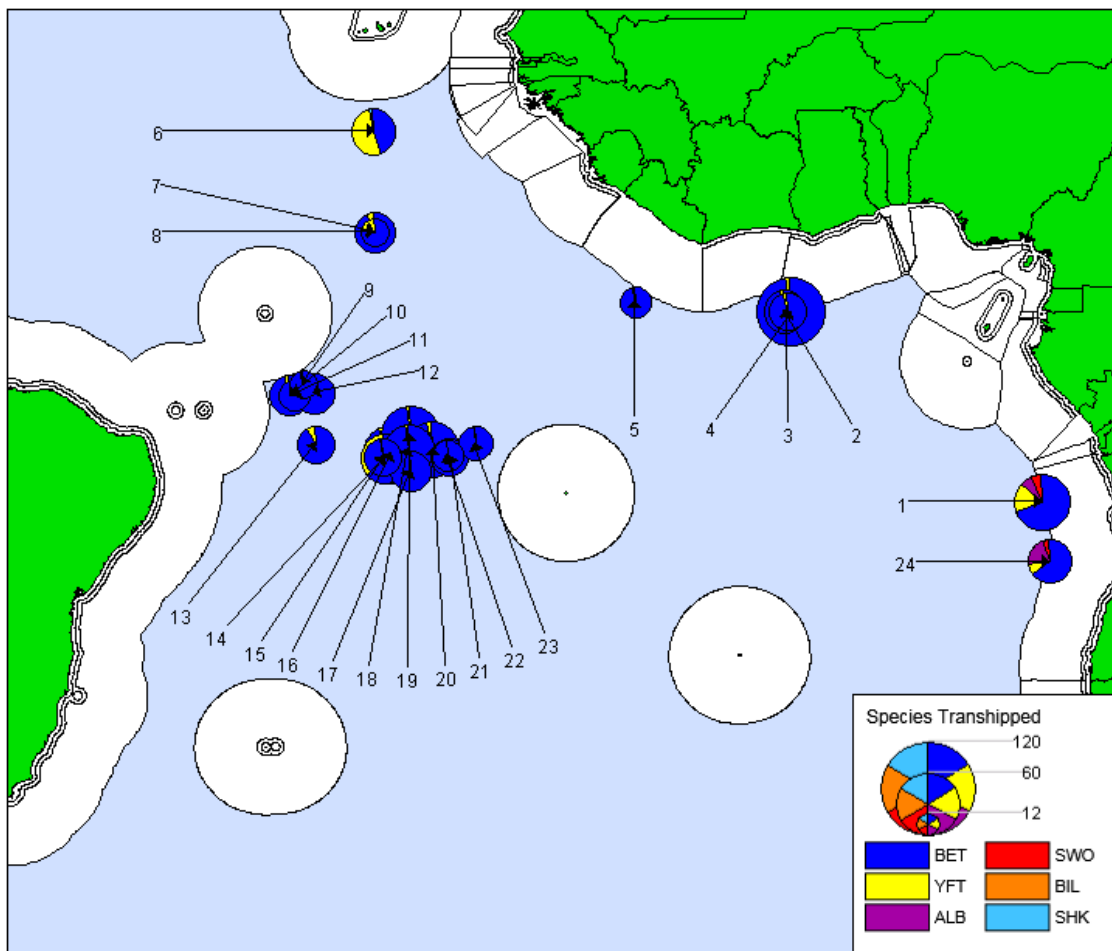


Figure 1 Location of transshipments

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	5
	11
	3
	2
	3

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments

No	Name	RFMO No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				No	16/09/2014	08°21.49 S	009°18.27 E	07:10	69.77%
2				Yes	19/09/2014	11°06.051 N	003°32.07 W	01:35	100.00%
3				Yes	19/09/2014	01°04.028 N	003°22.137 W	01:40	100.00%
4				Yes	20/09/2014	11°02 N	003°10.131 W	05:35	100.00%
5				Yes	22/09/2014	01°31.78 N	010°59.39 W	02:20	100.00%
6				Yes	25/09/2014	23°58.803 N	023°58.146 W	02:40	100.00%
7				Yes	26/09/2014	04°58.937 N	023°58.999 W	00:45	100.00%
8				Yes	26/09/2014	04°59.626 N	023°57.416 W	01:30	100.00%
9				Yes	28/09/2014	02°31.518 S	027°28.977 W	00:50	100.00%
10				Yes	29/09/2014	03°04.76 S	028°09.226 W	02:10	92.31%
11				Yes	29/09/2014	03°02.511 S	027°59.811 W	01:10	100.00%
12				Yes	30/09/2014	02°58.008 S	026°58.009 W	03:05	100.00%
13				Yes	01/10/2014	05°29.374 S	026°53.272 W	01:40	95.00%
14				Yes	02/10/2014	06°11.284 S	023°26.803 W	02:40	93.75%
15				Yes	02/10/2014	06°08.782 S	023°31.373 W	01:35	94.74%
16				Yes	02/10/2014	05°59.089 S	023°05.298 W	04:55	98.31%
17				Yes	03/10/2014	06°49.412 S	022°06.374 W	01:35	84.21%
18				Yes	04/10/2014	55°43.467 S	022°16.037 W	02:25	89.66%
19				Yes	04/10/2014	55°02.265 S	022°11.935 W	04:15	98.04%
21				Yes	06/10/2014	66°06.07 S	020°11.507 W	01:55	100.00%
22				Yes	06/10/2014	06°03.634 S	020°17.385 W	00:55	100.00%
23				Yes	07/10/2014	05°28.267 S	018°55.148 W	01:50	100.00%
24				Yes	13/10/2014	11°18.238 S	009°41.936 E	02:55	100.00%

Comments:

During transhipment 1, the LSPLV was not boarded for inspection due to poor weather. However, the ATF, ATT and logbook were transferred to the CV.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	75.28	55.44	19.49	14.57	6.48	4.75	8.55	6.25	109.81	81.01	-28.80	-0.36
2	45.55	45.80	1.10	1.20	0.00	0.00	0.00	0.00	46.65	47.00	0.35	0.01
3	38.50	38.55	1.70	1.70	0.00	0.00	0.00	0.00	40.20	40.25	0.05	0.00
4	112.48	115.00	2.70	2.70	0.00	0.00	0.00	0.00	115.18	117.70	2.52	0.02
5	23.08	23.25	0.65	0.64	0.00	0.00	0.00	0.00	23.73	23.89	0.17	0.01
6	24.03	24.67	25.60	29.71	1.10	0.00	0.70	1.21	51.43	55.58	4.16	0.07
7	17.42	17.71	4.88	4.96	0.00	0.00	0.00	0.00	22.31	22.66	0.35	0.02
8	44.04	44.12	2.63	2.75	0.00	0.00	0.00	0.00	46.67	46.87	0.20	0.00
9	21.06	21.40	0.63	0.63	0.00	0.00	0.00	0.00	21.69	22.03	0.34	0.02
10	45.26	42.20	1.40	1.50	0.00	0.00	0.00	0.00	46.66	43.70	-2.96	-0.07
11	27.30	27.60	0.77	0.77	0.00	0.00	0.00	0.00	28.07	28.37	0.30	0.01
12	44.00	44.30	0.70	0.77	0.00	0.00	0.00	0.00	44.70	45.07	0.37	0.01
13	35.18	33.60	2.90	2.80	0.00	0.00	0.00	0.00	38.08	36.40	-1.68	-0.05
14	39.22	36.85	23.73	22.50	0.00	0.00	0.00	0.00	62.94	59.35	-3.59	-0.06
15	36.64	35.19	0.73	0.69	0.00	0.00	0.00	0.00	37.37	35.88	-1.49	-0.04
16	85.01	85.62	4.26	4.18	3.54	3.48	0.00	0.00	92.81	93.28	0.47	0.01
17	53.13	45.12	0.88	0.74	0.00	0.00	0.00	0.00	54.01	45.86	-8.16	-0.18
18	63.84	57.77	10.55	0.95	0.00	0.00	0.00	0.00	74.39	58.72	-15.67	-0.27
19	92.05	91.76	1.77	1.75	0.00	0.00	0.00	0.00	93.82	93.52	-0.30	0.00
20	77.36	78.12	2.42	2.41	0.00	0.00	0.00	0.00	79.78	80.52	0.74	0.01
21	36.72	36.75	0.82	0.82	0.00	0.00	0.00	0.00	37.54	37.57	0.03	0.00
22	25.20	25.19	0.05	0.05	0.00	0.00	0.00	0.00	25.25	25.24	-0.01	0.00
23	30.94	30.95	0.61	0.61	0.00	0.00	0.00	0.00	31.55	31.55	0.01	0.00
24	36.08	36.36	4.93	4.93	2.69	2.69	13.59	13.61	57.29	57.59	0.30	0.01

Comments:

6 Species and weight transferred

The vessel contained 1895.16 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2 and average weights by species are shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	18.98	1.56%	19.41	1.58%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.53	0.04%	0.42	0.03%
Bigeye tuna	<i>Thunnus obesus</i>	All	1078.76	88.59%	1093.32	88.92%
Blue shark	<i>Prionace glauca</i>	All	0.70	0.06%	1.21	0.10%
Striped marlin	<i>Tetrapturus audax</i>	All	0.04	0.00%	0.04	0.00%
Swordfish	<i>Xiphias gladius</i>	All	11.80	0.97%	10.92	0.89%
Yellowfin tuna	<i>Thunnus albacares</i>	All	106.87	8.78%	104.31	8.48%

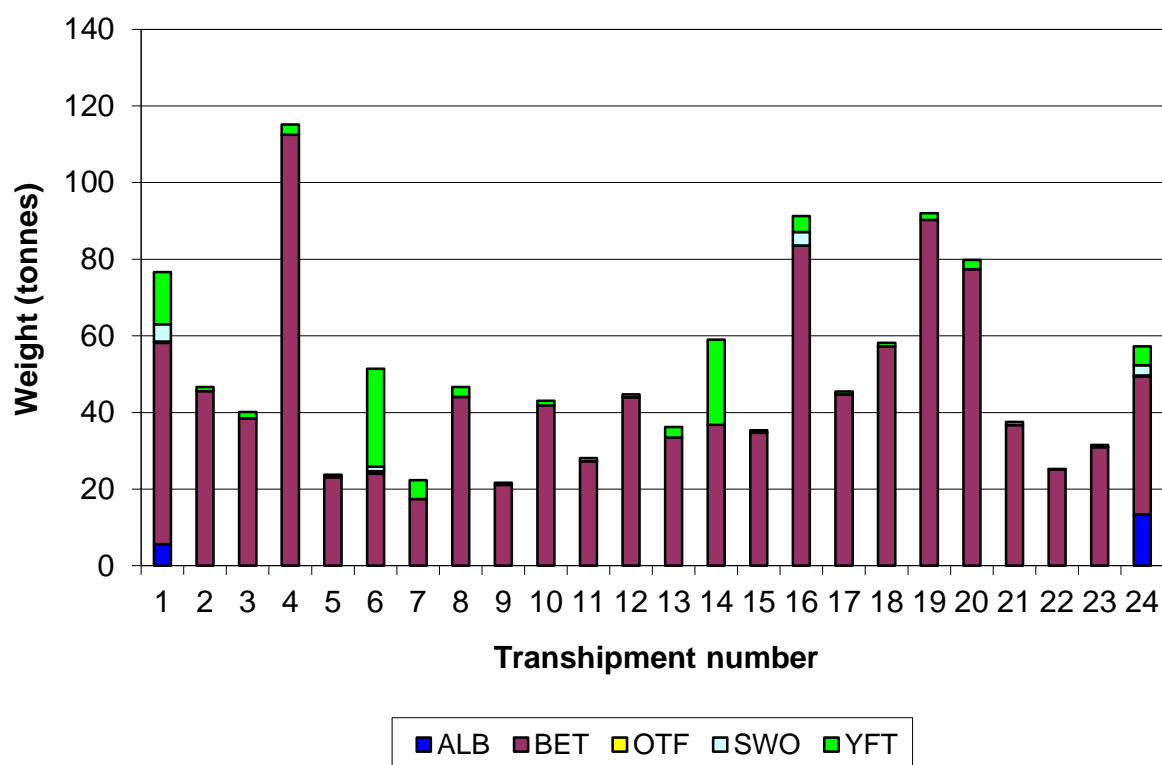


Figure 2 Proportions, by weight, of fish species transferred by transshipment (processed weight)

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.60
Atlantic blue marlin	<i>Makaira nigricans</i>	178.00
Bigeye tuna	<i>Thunnus obesus</i>	54.74
Blue shark	<i>Prionace glauca</i>	18.81
Striped marlin	<i>Tetrapturus audax</i>	38.00
Swordfish	<i>Xiphias gladius</i>	16.37
Yellowfin tuna	<i>Thunnus albacares</i>	33.48

Comments:

Bigeye tuna (*Thunnus obesus*) was the most commonly transhipped species, with yellowfin tuna (*Thunnus albacares*), swordfish (*Xiphias gladius*), albacore (*Thunnus alalunga*), Atlantic blue marlin (*Makaira nigricans*), blue shark (*Prionace glauca*) and striped marlin (*Tetrapturus audax*) being transhipped in much lower quantities.

T. obesus and *T. albacares* were transhipped as gilled and gutted product. *T. alalunga* were transhipped whole and recorded as rounded weight. Other species were usually transhipped as dressed weight.

Estimates of numbers transhipped were made from the CV deck or from the top of the deck housing. Products were winched from the LSPLV hold on strings and placed on the LSPLV deck. Often, several strings were placed on deck and tied together before being winched to the CV. Sometimes, species were transhipped in mixed strings. In such cases, the observer counted number of fish per string then calculated an estimate of each species in proportion to the declared quantities.

7 Southern bluefin tuna transhipments

No southern bluefin tuna were transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels:

Table 6 Summary of inspections made aboard LSPLVs

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			No	16/09/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	F	No	N/A	Yes	PB	14/09/2014
2			Yes	19/09/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	F	Yes	Yes	Yes	PB	17/09/2014
3			Yes	19/09/14	Yes	Yes	Yes	Yes	Yes	14/08/15	Yes	F	Yes	Yes	Yes	PU	17/09/2014
4			Yes	20/09/14	Yes	Yes	Yes	Yes	Yes	13/01/15	Yes	F	Yes	Yes	Yes	PB	19/09/2014
5			Yes	22/09/14	Yes	Yes	Yes	Yes	Yes	04/09/18	Yes	Y	Yes	Yes	Yes	PU	07/09/2014
6			Yes	25/09/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	23/09/2014
7			Yes	26/09/14	Yes	Yes	Yes	Yes	Yes	05/07/19	Yes	Y	Yes	Yes	Yes	PB	25/09/2014
8			Yes	26/09/14	Yes	Yes	Yes	Yes	Yes	27/09/17	Yes	Y	Yes	Yes	Yes	PB	25/09/2014
9			Yes	28/09/14	Yes	Yes	Yes	Yes	Yes	30/06/17	Yes	F	Yes	Yes	Yes	PB	27/09/2014
10			Yes	29/09/14	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	28/09/2014
11			Yes	29/09/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	F	Yes	Yes	Yes	PB	28/09/2014
12			Yes	30/09/10	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	29/09/2014
13			Yes	01/10/14	Yes	Yes	Yes	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	01/10/2014
14			Yes	02/10/14	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	02/10/2014
15			Yes	02/10/14	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	01/10/2014
16			Yes	02/10/14	Yes	Yes	Yes	Yes	Yes	18/11/14	Yes	Y	Yes	Yes	Yes	PB	02/10/2014
17			Yes	03/10/14	Yes	Yes	Yes	Yes	Yes	08/08/16	Yes	Y	Yes	Yes	Yes	PB	03/10/2014
18			Yes	04/10/14	Yes	Yes	Yes	Yes	Yes	03/12/16	Yes	Y	Yes	Yes	Yes	PB	04/10/2014
19			Yes	04/10/14	Yes	Yes	Yes	Yes	Yes	13/11/15	Yes	Y	Yes	Yes	Yes	PB	04/10/2014
20			Yes	05/10/14	No	Yes	Yes	Yes	Yes	11/07/16	Yes	Y	Yes	Yes	Yes	PB	05/10/2014
21			Yes	06/10/14	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	06/10/2014
22			Yes	06/10/14	Yes	Yes	Yes	Yes	Yes	12/01/17	Yes	Y	Yes	Yes	Yes	PB	05/10/2014
23			Yes	07/10/14	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	06/10/2014
24			Yes	13/10/14	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	10/10/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 7 **Comments from inspections**

No	Comments
1	Logbook bound into plastic binder
2	Logbook bound into plastic binder
3	Logbook printed and unbound
4	Logbook bound with string
5	Logbook printed and unbound
6	Logbook bound into ring binder
20	Vessel markings show name as No.122 Hung Yu
24	Logbook printed and unbound

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
4	Sun Warm No. 8	AT000PHL00018	20134	LEI	LNB
5	DAR LONG CHANG NO.2	AT000TAI00271	20135	LNB	-
6	SHOEI MARU n° 07	AT000JPN00384	20136	LNB	-
24	SANEI MARU No. 1	AT000JPN00025	20137	LNB	-

8.1 Verifying vessel name / RFMO number and National Registration Number.

Vessel markings of xxx indicated the name to be yyy (Figure 3), which differed from that indicated in the vessel's fishing licence and the ICCAT database.

Figure 3 Bow markings of xxx which differ from the name as recorded in the fishing licence and the ICCAT database

8.2 Issues with Fishing Licence, logbooks or VMS

The logbooks of (Figure 4), (Figure 5) and (Figure 6) were printed but unbound. The logbooks of (Figure 7) and (Figure 8) were bound only into plastic binders. The logbook of (Figure 9) was bound only by string. The logbook of (Figure 10) was bound only into a ring binder.

Figure 4 Logbook - printed but not bound

Figure 5 Logbook printed but not bound

Figure 6 Logbook - printed but not bound

Figure 7 Logbook - bound into a plastic binder

Figure 8 Logbook bound into a plastic binder

Figure 9 Logbook bound by string

Figure 10 Logbook of SHOEI MARU NO.7 bound into a ring binder

9 Other Observer Tasks.

The observer kept a daily log using 12:00hrs as a reference to log the vessel position, course and speed and to record daily activities.

9.1 CV waste disposal

Waste was separated into plastic, paper, and cans and bottles, and stored in a cargo net on the main deck (Figure 11) until disposed of onshore. At no time during the deployment did the observer see waste being thrown overboard.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during deployment in the ICCAT RFMO area.

9.3 Marine mammals.

On a single occasion, two humpback whales were seen at a distance of approximately one mile from the vessel (Table 9).

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
15/10/2014	08:30	19°55S	11°41E	Humpback whale (<i>Megaptera novaeangliae</i>)	2	Breaching/tail lobbing

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix



Figure 11 Waste stored in cargo net on deck

**ICCAT
Observer Report**



Trip Number:	159/14
Vessel Name:	CHITOSE
ICCAT Ref. No.	AT000SGP00001
Observer Name:	BRUCE BIFFARD
Cruise Dates:	29/10/2013 TO 22/12/2013

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation Ltd. and MRAG, Bruce Biffard (ICCAT no. 123) joined the Singapore registered Carrier Vessel (CV) Chitose (ICCAT no. AT000SGP00001) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 29/10/2014 to 22/12/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Chitose, on 29/10/2014. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 29/10/2014 and the vessel sailed from Cape Town the same day.

In total the vessel received 2275.206 tonnes(t) of tuna and tuna like products from 39 Large Scale Pelagic Longline Vessels (LSPLVs). The transshipments occurred between 03/11/2014 and 13/12/2014 in the Atlantic Ocean. The minimum transhipped was 8.595t and the maximum was 110.787t. Transshipment times ranged from 34 minutes to 5 hours 22 minutes with an average time of 2 hours 39 minutes. The quantities transhipped per hour ranged from 10.48 to 29.34 tonnes with an average of 21.77

tonnes. The vessel had 1263.00 tonnes on board from previous transshipments in the Indian Ocean.

The observer disembarked from the Chitose in Durban, SA via portside on 22/12/2014.

2 Carrier Vessel details

Vessel name:	CHITOSE	Call sign:	9V6110
Port of registration:	SINGAPORE	Flag State:	SINGAPORE
Owner:	WANG TAT CORP. LTD.	Charterer:	MRS CORP. LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8020m ³
Size (GRT):	6534 GRT	Length (LOA):	134.15m
On-board acoustic equipment:	1 FURUNO SOUNDER		
Position fixing equipment:	2 FURUNO GPS UNITS		
Vessel monitoring system (present/absent):	PRESENT		
Radar:	2 FURANOS		
Communications equipment:	HF, MF, VHF, INMARSAT, NAVTEX		
Plotters:	2 FURUNOS		
Tuna products already on board (Quantity)	YES (APPROX. 1263 T.)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	CAPE TOWN, SA
Date of embarkation	29/10/2014
Method of embarkation*	PORTSIDE
Date of departure	29/10/2014
Date of first transshipment	03/11/2014
Date of last transshipment	13/12/2014
Date of return	22/12/2014
Date of disembarkation	22/12/2014
Method of disembarkation*	PORTSIDE
Port of return	DURBAN, SA

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 39 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1. Five non ROP transhipments were also carried out (Table 9).

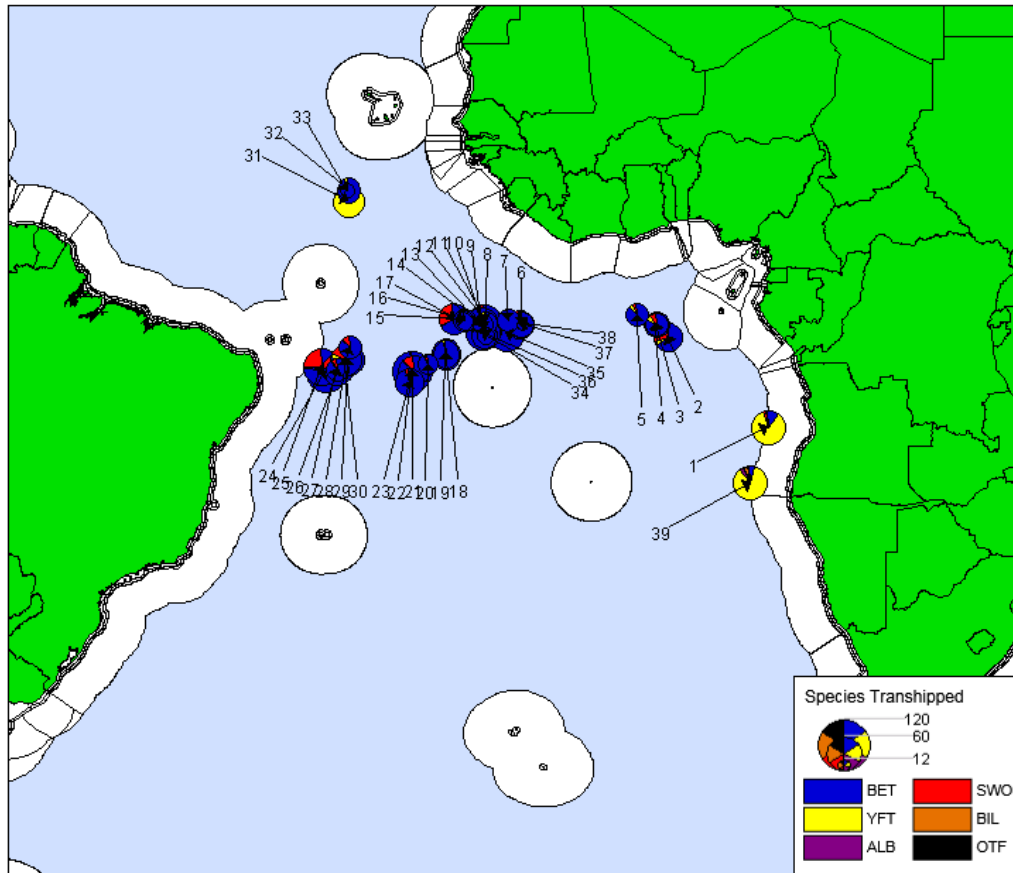


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	8
	19
	6
	2
	4

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments

No	Name	RFMO No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	03/11/2014	11°18 S	009°37 E	03:43	100
2				Yes	07/11/2014	03°35.852 S	0°54.599 E	02:24	100
3				Yes	08/11/2014	02°31.422 S	000°06.366 W	02:35	100
4				Yes	08/11/2014	02°30.092 S	000°04.369 W	02:25	100
5				Yes	09/11/2014	01°41.701 S	001°47.2 W	01:50	100
6				Yes	11/11/2014	02°28.753 S	011°48.679 E	00:49	100
7				Yes	11/11/2014	02°06.894 S	013°08.014 E	01:33	100
8				Yes	12/11/2014	03°29.72 S	015°00.541 W	01:19	100
9				Yes	12/11/2014	03°24.743 S	015°10.716 W	01:32	100
10				Yes	13/11/2014	03°00.606 S	015°01.678 W	02:42	100
11				Yes	14/11/2014	02°19.92 S	014°59.691 W	02:00	100
12				Yes	14/11/2014	02°17.093 S	015°06.671 W	04:10	100
13				Yes	15/11/2014	02°32.099 S	015°18.095 W	01:50	100
14				Yes	15/11/2014	02°29.699 S	015°26.054 W	04:19	100
15				Yes	16/11/2014	02°07.682 S	016°49.823 W	01:40	100
16				Yes	16/11/2014	02°07.614 S	016°54.166 W	01:35	100
17				Yes	17/11/2014	01°57.532 S	017°49.934 W	03:14	100
18				Yes	18/11/2014	05°03.182 S	018°27.027 W	03:26	100
19				Yes	18/11/2014	04°59.07 S	018°29.622 W	02:34	100
20				Yes	19/11/2014	05°54.15 S	020°02.054 W	01:36	100
21				Yes	21/11/2014	06°29.323 S	021°22.456 W	02:31	100
22				Yes	21/11/2014	06°25.752 S	021°28.414 W	04:14	100
23				Yes	22/11/2014	07°27.944 S	021°38.6 W	03:58	100
24				Yes	24/11/2014	06°31.769 S	028°59.604 W	07:11	100
25				Yes	25/11/2014	06°03.65 S	029°21.969 W	05:22	100
26				Yes	26/11/2014	06°20.758 S	027°56.619 W	01:49	100

27				Yes	26/11/2014	06°20.736 S	028°01.713 W	03:38	100
28				Yes	27/11/2014	04°27.836 S	026°51.052 W	01:53	100
29				Yes	28/11/2014	05°27.883 S	027°03.069 W	03:03	100
30				Yes	28/11/2014	05°26.146 S	027°18.091 W	03:48	100
31				Yes	01/12/2014	08°00.349 N	027°00 W	03:37	100
32				Yes	02/12/2014	09°00.178 N	026°58.601 W	01:56	100
33				Yes	02/12/2014	08°56.35 N	027°07.855 W	00:34	100
34				Yes	06/12/2014	03°19.679 S	015°08.99 W	02:05	100
35				Yes	06/12/2014	03°16.764 S	013°11.884 W	03:24	100
36				Yes	06/12/2014	03°10.339 S	015°18.58 W	03:02	100
37				Yes	07/12/2014	02° 30.536 S	12.00.140° W	01:59	100
38				Yes	07/12/2014	02°27.989 S	012°02.732 W	02:12	100
39				Yes	13/12/2014	16°02.654 S	008°04.53 E	04:30	100

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	8.19	8.46	63.10	63.03	2.10	2.11	1.36	1.36	74.75	74.96	0.21	0.28
2	35.45	36.05	3.76	3.62	17.34	17.65	0.99	0.99	57.55	58.31	0.77	1.32
3	38.17	39.25	2.24	2.11	4.35	4.37	0.00	0.00	44.77	45.734	0.97	2.12
4	32.94	32.76	3.24	3.30	4.73	4.71	0.00	0.00	40.91	40.77	-0.14	-0.34
5	31.50	31.30	2.24	2.50	2.01	2.02	0.00	0.00	35.74	35.83	0.08	0.23
6	8.55	8.52	0.08	0.08	0.00	0.00	0.00	0.00	8.63	8.60	-0.03	-0.36
7	40.95	40.73	0.75	0.65	0.00	0.00	0.00	0.00	41.70	41.38	-0.32	-0.77
8	24.96	24.94	0.66	0.61	0.00	0.00	0.00	0.00	25.62	25.54	-0.08	-0.30
9	43.31	43.00	0.84	0.70	0.00	0.00	0.00	0.00	44.15	43.70	-0.45	-1.02
10	73.36	72.51	2.40	2.35	4.07	4.08	0.00	0.00	79.83	78.94	-0.89	-1.13
11	34.88	34.68	2.32	2.20	0.00	0.00	0.00	0.00	37.20	36.88	-0.33	-0.88
12	80.70	80.40	1.17	1.01	3.77	3.79	0.00	0.00	85.65	85.20	-0.45	-0.53
13	33.66	33.30	1.13	1.03	0.00	0.00	0.00	0.00	34.79	34.33	-0.46	-1.33
14	88.57	87.56	2.16	2.04	0.95	1.00	0.00	0.00	91.68	90.60	-1.08	-1.19
15	27.78	27.74	1.25	0.63	0.00	0.00	0.00	0.00	29.03	28.36	-0.67	-2.35

16	40.61	40.56	0.95	0.85	0.00	0.00	0.00	0.00	41.56	41.41	-0.15	-0.36
17	45.70	45.59	0.77	0.60	24.77	24.89	0.00	0.00	71.24	71.07	-0.17	-0.24
18	68.20	67.26	0.66	0.70	0.00	0.00	0.00	0.00	68.86	67.96	-0.90	-1.33
19	51.42	51.00	1.51	1.50	0.00	0.00	0.00	0.00	52.94	52.50	-0.44	-0.83
20	29.19	29.5	0.95	1.00	1.80	1.30	0.00	0.00	31.94	31.80	-0.14	-0.43
21	65.178	64.05	0.90	0.76	9.31	9.12	0.00	0.00	75.38	73.92	-1.46	-1.97
22	109.89	109.02	1.83	1.77	0.00	0.00	0.00	0.00	111.72	110.79	-0.93	-0.84
23	59.13	59.20	0.00	0.00	2.76	3.00	0.00	0.00	61.89	62.20	0.31	0.50
24	81.32	81.00	2.52	2.50	20.87	21.70	0.00	0.00	104.71	105.20	0.49	0.47
25	73.57	73.50	2.73	2.40	26.10	26.20	0.00	0.00	102.39	102.10	-0.29	-0.29
26	31.30	31.70	1.43	1.30	2.94	3.00	0.00	0.00	35.67	36.00	0.33	0.92
27	56.48	56.50	1.12	0.91	16.52	17.20	0.00	0.00	74.12	74.61	0.49	0.66
28	35.73	36.00	1.18	1.10	5.35	5.10	0.00	0.00	42.26	42.20	-0.06	-0.15
29	54.56	55.80	1.44	1.30	13.52	13.30	0.00	0.00	69.52	70.40	0.88	1.26
30	49.49	50.50	2.85	2.60	12.55	13.10	0.00	0.00	64.89	66.20	1.32	1.99
31	2.254	2.14	62.77	62.81	5.23	5.20	0.00	0.00	70.25	70.14	-0.10	-0.15
32	44.88	45.17	3.07	3.21	0.00	0.00	0.00	0.00	47.95	48.38	0.42	0.87
33	12.68	12.60	3.21	3.35	0.00	0.00	0.00	0.00	15.90	15.95	0.05	0.31
34	37.47	37.18	0.31	0.31	14.51	14.52	0.00	0.00	52.29	52.01	-0.28	-0.54
35	68.00	68.67	0.19	0.30	6.66	6.79	0.00	0.00	74.85	75.76	0.91	1.20
36	71.86	71.24	0.61	0.65	6.47	6.42	0.00	0.00	78.94	78.32	-0.62	-0.79
37	47.30	47.07	0.83	0.83	0.00	0.00	0.00	0.00	48.13	47.90	-0.23	-0.48
38	59.92	59.18	0.62	0.62	4.77	4.76	0.00	0.00	65.31	64.56	-0.75	-1.17
39	3.98	4.10	70.56	71.69	1.32	1.38	7.50	7.56	83.35	84.72	1.36	1.61

Comments:

6 Species and weight transferred

The vessel contained 1263 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4. A breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of species transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	3.30	0.14	3.37	0.15
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.16	0.23	5.17	0.23
Bigeye tuna	<i>Thunnus obesus</i>	All	1803.09	79.15	1799.70	79.10
Mixed Tunas		All	1.38	0.06	1.370	0.06
Swordfish	<i>Xiphias gladius</i>	All	214.75	9.43	183.77	8.08
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00	9.80	0.43
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00	23.13	1.02
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.580	0.05	0.50	0.05

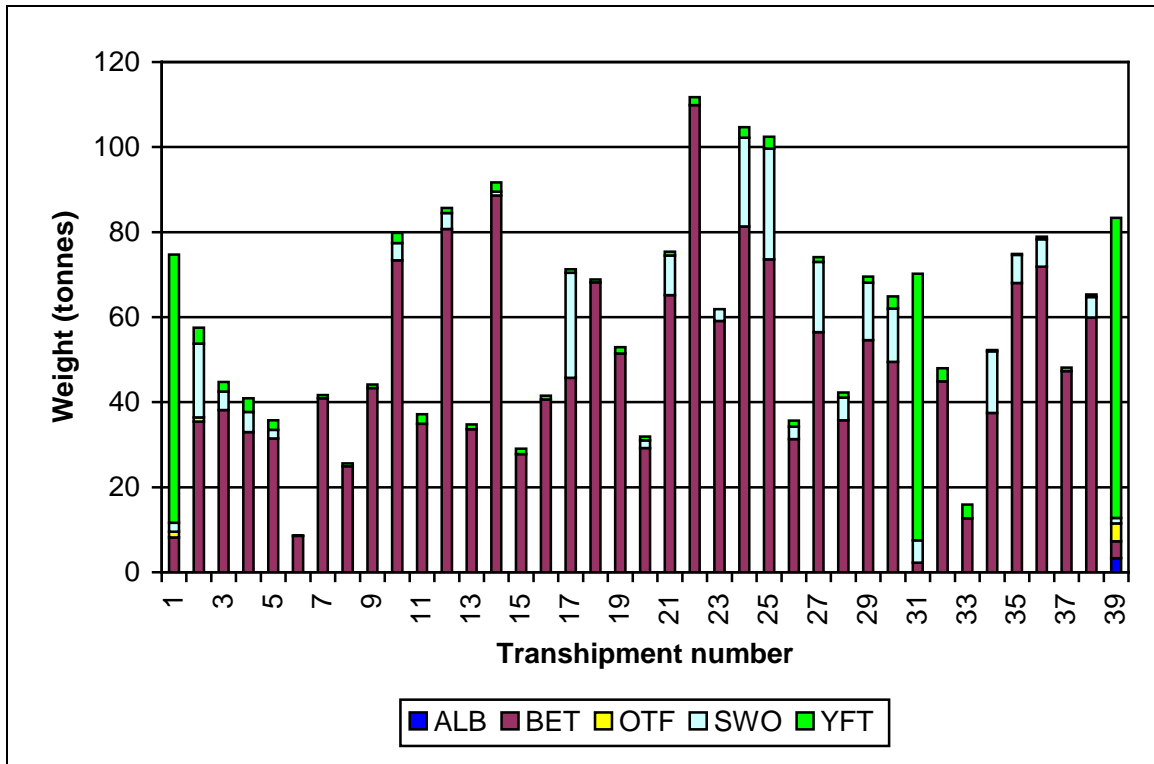


Figure 2 Proportions, by processed weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	11.00
Atlantic blue marlin	<i>Makaira nigricans</i>	99.31
Bigeye tuna	<i>Thunnus obesus</i>	54.74
Mixed Tunas		20.91
Swordfish	<i>Xiphias gladius</i>	53.67
Yellowfin tuna	<i>Thunnus albacares</i>	32.00

Comments:

The main species transferred were bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*), which were transferred as gilled and gutted product. Other species were transhipped as dressed, fillet or round weight product.

7 Southern bluefin tuna transshipments

No Southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Y	03/11/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PB	03/11/2014
2			Y	07/11/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	05/11/2014
3			Y	08/11/14	Y	Y	Y	Y	Y	10/12/17	Y	Y	Y	Y	Y	Y	PB	07/11/2014
4			Y	08/11/14	Y	Y	Y	Y	Y	01/09/17	Y	Y	Y	Y	Y	Y	PB	08/11/2014
5			Y	09/11/14	Y	Y	Y	Y	Y	22/08/17	Y	Y	Y	Y	Y	Y	PB	09/11/2014
6			Y	11/11/14	Y	Y	Y	Y	Y	09/04/18	Y	Y	Y	Y	Y	Y	PU	10/11/2014
7			Y	11/11/14	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	Y	PB	11/11/2014
8			Y	12/11/14	Y	Y	Y	Y	Y	14/08/15	Y	Y	Y	Y	Y	Y	PU	09/11/2014
9			Y	12/11/14	Y	Y	Y	Y	Y	13/01/15	Y	Y	Y	Y	Y	Y	PU	11/11/2014
10			Y	13/11/14	Y	Y	Y	Y	Y	21/10/17	Y	Y	Y	Y	Y	Y	PB	13/11/2014
11			Y	14/11/14	Y	Y	Y	Y	Y	04/03/16	Y	Y	Y	Y	Y	Y	PB	13/11/2014
12			Y	14/11/14	Y	Y	Y	Y	Y	05/12/15	Y	Y	Y	Y	Y	Y	PB	13/11/2014
13			Y	15/11/14	Y	Y	Y	Y	Y	25/05/18	Y	Y	Y	Y	Y	Y	PB	15/11/2014
14			Y	15/11/14	Y	Y	Y	Y	Y	11/04/17	Y	Y	Y	Y	Y	Y	PB	15/11/2014

15			Y	16/11/14	Y	Y	Y	Y	Y	26/06/17	Y	Y	Y	Y	Y	PB	15/11/2014
16			Y	16/11/14	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	PB	16/11/2014
17			Y	17/11/14	Y	Y	Y	Y	Y	26/12/17	Y	Y	Y	Y	Y	PU	16/11/2014
18			Y	18/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	18/11/2014
19			Y	18/11/14	Y	Y	Y	Y	Y	13/01/15	Y	Y	Y	Y	Y	PB	17/11/2014
20			Y	19/11/14	Y	Y	Y	Y	Y	19/12/14	Y	Y	Y	Y	Y	PB	18/11/2014
21			Y	21/11/14	Y	Y	Y	Y	Y	21/07/17	Y	N	Y	Y	Y	PU	20/11/2014
22			Y	21/11/14	Y	Y	Y	Y	Y	01/03/15	Y	Y	Y	Y	Y	PB	20/11/2014
23			Y	22/11/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	21/11/2014
24			Y	24/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	23/11/2014
25			Y	25/11/14	Y	Y	Y	Y	Y	31/03/16	Y	Y	Y	Y	Y	PB	24/11/2014
26			Y	26/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	25/11/2014
27			Y	26/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	25/11/2014
28			Y	27/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	26/11/2014
29			Y	28/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	27/11/2014
30			Y	28/11/14	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	27/11/2014
31			Y	01/12/14	Y	Y	Y	Y	Y	07/10/18	Y	Y	Y	Y	Y	PB	30/11/2014
32			Y	02/12/14	Y	Y	Y	Y	Y	27/09/17	Y	Y	Y	Y	Y	PU	01/12/2014
33			Y	02/12/14	Y	Y	Y	Y	Y	05/07/19	Y	Y	Y	Y	Y	PB	02/12/2014
34			Y	06/12/14	Y	Y	Y	Y	Y	08/08/14	Y	Y	Y	Y	Y	PB	05/12/2014
35			Y	06/12/14	Y	Y	Y	Y	Y	12/03/16	Y	Y	Y	Y	Y	PB	06/12/2014
36			Y	06/12/14	N	Y	Y	Y	Y	06/12/14	Y	Y	Y	Y	Y	PB	06/12/2014
37			Y	07/12/14	Y	Y	Y	Y	Y	13/01/14	Y	Y	Y	Y	Y	PU	07/12/2014
38			Y	07/12/14	Y	Y	Y	Y	Y	13/11/15	Y	Y	Y	Y	Y	PB	06/12/2014
39			Y	13/12/14	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	13/12/2014

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound
Comments.

A valid authorisation to tranship for the transhipment with xxx was emailed directly to the MRAG office from the LSPLV operator, although none was shown to the observer during inspection, and a PNC report was therefore initially issued.

Table 7 Comments from inspections

No	Comments
2	VESSEL'S LOGBOOK WAS UNBOUND. A PNC REPORT WAS COMPLETED.
6	VESSEL'S LOGBOOK WAS UNBOUND AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.
9	VESSEL'S LOGBOOK WAS BOUND WITH A PLASTIC BINDING AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.
17	VESSEL'S LOGBOOK WAS UNBOUND AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.
21	VESSEL'S LOGBOOK WAS UNBOUND AND THE PAGES WERE NOT NUMBERED. VESSEL DID NOT PROVIDE AN AUTHORISATION TO TRANSHIP DOCUMENT. A PNC REPORT WAS COMPLETED
23	VESSEL'S LOGBOOK WAS STAPLED TOGETHER AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.
28	VESSEL DID NOT PROVIDE AN AUTHORISATION TO TRANSHIP DOCUMENT. A PNC REPORT WAS COMPLETED. A VALID AUTHORISATION TO TRANSHIP WAS SENT DIRECTLY TO THE MRAG OFFICE.
32	VESSEL'S LOGBOOK WAS UNBOUND AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED
36	THE VESSEL'S NAME PAINTED ON THE BOW AND STERN WAS REVERSED. IE. No.122 HUNG YU. A PNC REPORT WAS COMPLETED.
37	VESSEL'S LOGBOOK WAS UNBOUND AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.
39	VESSEL'S LOGBOOK WAS BOUND ONLY WITH STRING AND THE PAGES WERE NOT NUMBERED. A PNC REPORT WAS COMPLETED.

The observer made 12 Potential Non Compliance (PNC) reports, summarised below in Table 7.

Table 7 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
02			15902	LNB		
06			15906	LNB	LNN	
08			15908	LNB	LNN	
09			15909	LNB	LNN	
17			15917	LNB	LNN	
21			15921	DNP	LNB	LNN
23			15923	LNB	LNN	
28			15928	DNP		
32			15932	LNB	LNN	
36			15936	XIIM		
37			15937	LNB	LNN	
39			15939	LNB	LNN	

8.1 Verifying vessel name / RFMO number and National Registration Number.

The name of xxx was painted in reverse on the bow (Figure 3) and stern (Figure 4) of the vessel. The callsign on the side of xxx (Figure 5) was partially worn away. The name on the bows of xxx (Figure 6), xxx (Figure 7), xxx (Figure 8) and xxx (Figure 9) were partially obscured or worn away and difficult to read.

Figure 3 Incorrect name on bow

Figure 4 Incorrect name on stern

Figure 5 Partially worn callsign on side Figure 6 Partially worn name on bow

Figure 7 Partially obscured name on bow Figure 8 Name on bow difficult to read

Figure 9 Name on bow difficult to read

8.2 Issues with Fishing Licence, logbooks or VMS

Authorisations to tranship were not presented to the observer during inspections of xx and yy. However, the operator of xx emailed a copy of the Authorisation to Tranship directly to the MRAG observer management team prior to transhipment.

Printed but unbound logbooks were shown to the observer during inspections of xx (Figure 11), yy (Figure 13), zz (Figure 16) and xxx (Figure 17).

Logbooks bound only by string were shown to the observer during inspections of xx (Figure 10) and yy (Figure 18). Logbooks bound by staples were shown by zz (Figure 14) and xxx (Figure 15). The logbook shown by yyy was bound by a plastic binder (Figure 12).

The pages of the logbooks shown by xx Figure 13, yy (Figure 14), yyy NO.88 (Figure 15), zz (Figure 17) and xxx (Figure 18) were not consecutively numbered.

No issues were encountered with VMS during inspections.

Figure 10 Logbook NO.28 bound only with string

Figure 11 Logbook - printed but unbound

Figure 12 Logbook bound by plastic binders

Figure 13 Logbook printed and unbound, and with no consecutive page numbering

Figure 14 Logbook bound only by staples, and with no consecutive page numbering

Figure 15 Logbook o8 bound only by staples, and with no consecutive page numbering

Figure 16 Logbook - printed and unbound

Figure 17 Logbook printed and unbound, and with no consecutive page numbering

Figure 18 Logbook of bound by string, and with no consecutive page numbering

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had no waste disposal measures in place.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during the deployment.

9.3 Marine mammals.

A lone juvenile humpback was observed off the stern of the carrier vessel during a non ICCAT transshipment (Table 8).

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	No.	Behaviour
03/11/2014	10:40 UTC	11° 20.160S	09° 37.319E	Humpback whale	1	Playing

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	<input type="checkbox"/>
-----	--------------------------

Table 9 Non ROP transhipments

Vessel	RFMO No.	Date	Lat	Lon	Comments
		03/11/2014	11° 20.160S	009° 37.319E	Bait and Bunkering
		04/11/2014	08° 59.462S	009° 31.481E	Supplies
		04/11/2014	08° 59.098S	009° 31.760E	Supplies
		06/11/2014	03° 06.201S	001° 02.140E	Bait
		27/11/2014	04° 29.175S	026° 47.419W	Bait and Supplies

ICCAT

Observer Report



Trip Number:	160-14
Vessel Name:	GENTA MARU
ICCAT Ref. No.	AT000VUT00014
Observer Name:	Jano van Heerden
Cruise Dates:	From: 14/11/2014 to 12/12/2014

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and Capricorn Fisheries Monitoring CC, Jano van Heerden (ROP no. 003) joined the Vanuatu registered Carrier Vessel (CV) Genta Maru (ICCAT ref no. AT000VUT00014) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 12/11/2014 to 12/12/2014.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

The observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	GENTA MARU	Call sign:	YJRE3
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Panama TRL S.A	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2500mt
Size (GRT):	3.989	Length (LOA):	99,06m
On-board acoustic equipment:		JRC-JFE-680	
Position fixing equipment:		GPS Navigator JRC-JLR-7800 x 2	
Vessel monitoring system (present/absent):		Present- Inmarsat C JUE-95 VM	
Radar:		Tokyo Keiki BR-3200-S312M x 2	
Communications equipment:		VHF:JRC-JHS-770S, HF/MF:JRC-JSS-296, Inmarsat C:JRC-JUE-85	
Plotters:		Tokyo Keiki BR-3200-S312M x 2	
Tuna products already on board (Quantity)		1139.316 ton	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/11/2014
Method of embarkation*	In port
Date of departure	14/11/2014
Date of first transshipment	18/11/2014
Date of last transshipment	01/12/2014
Date of return	12/12/2014
Date of disembarkation	12/12/2014
Method of disembarkation*	In port
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 16 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

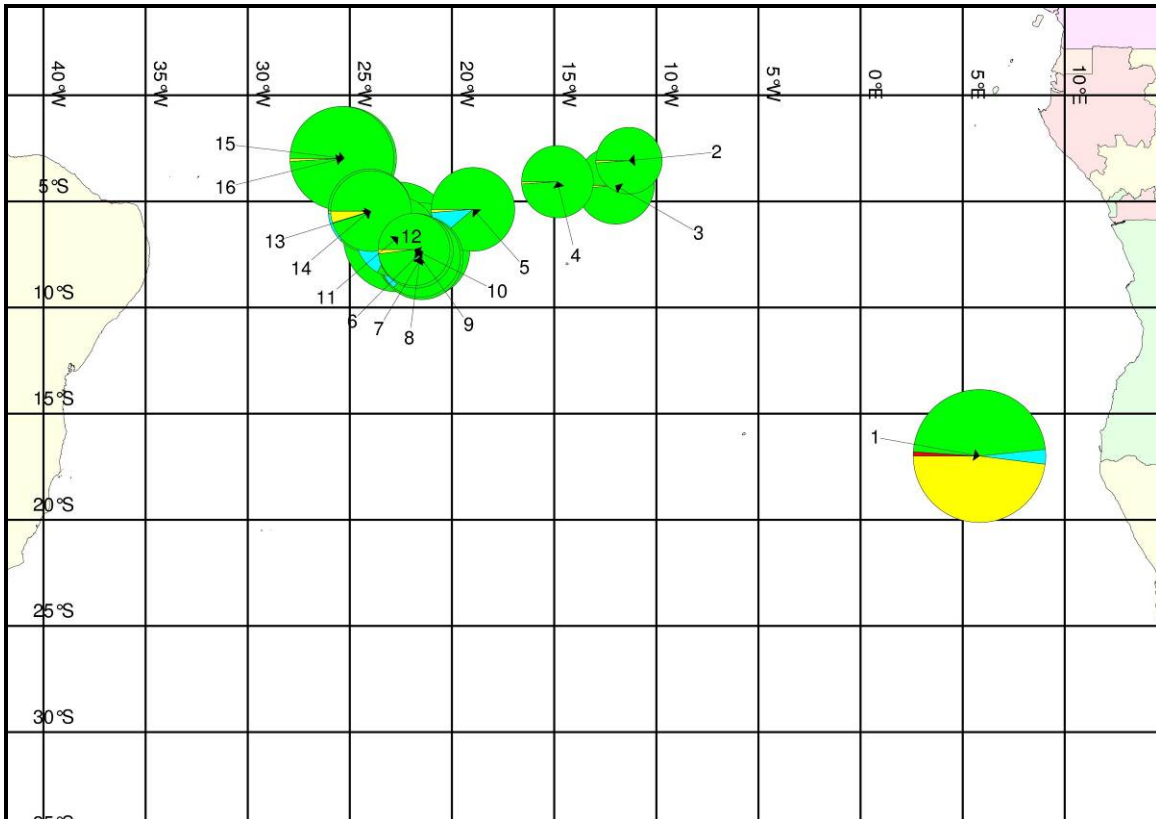


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	11
	1
	4

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				18/11/2014	Yes	17°00 S	005°50 E	06:48	100.00%
2				23/11/2014	Yes	03°05 S	011°20 W	01:15	100.00%
3				24/11/2014	Yes	04°15 S	012°00 W	02:23	100.00%
4				25/11/2014	Yes	04°05 S	014°50 W	01:58	100.00%
5				26/11/2014	Yes	05°23 S	018°58 W	02:30	100.00%
6				27/11/2014	Yes	07°19 S	021°28 W	03:28	100.00%
7				27/11/2014	Yes	07°40 S	021°31 W	02:17	100.00%
8				27/11/2014	Yes	07°37 S	021°34 W	02:42	100.00%
9				28/11/2014	Yes	07°20 S	021°46 W	02:03	100.00%
10				28/11/2014	Yes	07°16 S	021°51 W	02:29	100.00%
11				29/11/2014	Yes	06°41 S	022°38 W	03:37	100.00%
12				29/11/2014	Yes	06°40 S	022°43 W	02:30	100.00%
13				30/11/2014	Yes	05°28 S	023°58 W	02:17	100.00%
14				30/11/2014	Yes	05°27 S	024°01 W	03:33	100.00%
15				01/12/2014	Yes	02°59 S	025°16 W	03:51	100.00%
16				01/12/2014	Yes	02°59 S	025°23 W	03:39	100.00%

Comments:

All transhipments were fully observed and all LSPLVs were inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	50.120	49.533	48.312	50.147	4.731	3.841	1.162	1.071	104.325	104.592	0.27	0.26%
2	30.853	30.517	0.351	0.390	0.000	0.000	0.000	0.000	31.204	30.907	-0.30	-0.96%
3	40.405	40.602	0.650	0.693	0.000	0.000	0.000	0.000	41.055	41.295	0.24	0.58%
4	36.561	35.785	0.442	0.405	0.000	0.000	0.000	0.000	37.003	36.190	-0.81	-2.25%
5	41.960	42.230	0.737	0.650	4.578	4.720	0.000	0.000	47.275	47.600	0.32	0.68%
6	59.426	60.360	0.080	0.000	0.000	0.000	0.000	0.000	59.506	60.360	0.85	1.41%
7	46.778	45.813	1.239	1.185	0.000	0.000	0.000	0.000	48.017	46.998	-1.02	-2.17%
8	38.741	38.139	1.178	1.332	4.869	4.750	0.000	0.000	44.788	44.221	-0.57	-1.28%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
9	37.888	37.622	0.572	0.468	0.000	0.000	0.000	0.000	38.460	38.090	-0.37	-0.97%
10	35.298	35.000	0.825	0.733	0.000	0.000	0.000	0.000	36.123	35.733	-0.39	-1.09%
11	70.290	74.000	0.794	0.750	0.000	0.000	0.000	0.000	71.084	74.750	3.67	4.90%
12	37.563	37.727	1.505	1.687	6.081	6.180	0.000	0.000	45.149	45.594	0.44	0.98%
13	43.865	43.300	2.106	2.200	0.00	0.000	0.000	0.000	45.971	45.500	-0.47	-1.04%
14	42.435	41.984	0.455	0.455	5.637	5.637	0.000	0,000	48.527	48.076	-0.45	-0.94%
15	61.628	63.000	0.789	0.861	4.920	4.920	0.000	0.000	67.337	68.781	1.44	2.10%
16	68.434	67.089	0.595	0.669	0.000	0.000	0.000	0.000	69.029	67.758	-1.27	-1.88%

Comments:

The minimum and maximum differences recorded between the LSPLV declared figure transhipped and observed figure ranged between -2.25% and 4.90% respectively.

6 Species and weight transferred

The vessel contained 1139.316 tonnes of tuna products when the observer boarded. The product originated from transshipments conducted in the Indian Ocean (IOTC) region prior to the ICCAT observer embarking. The total declared weight of all species transferred during the voyage is shown in Table 4, a breakdown by transshipment is shown in Figure 2. The total declared weight when the observer disembarked was 1975.761 tonnes.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	1.16	0.14%	1.07	0.13%
Bigeye tuna	<i>Thunnus obesus</i>	All	742.25	88.91%	742.70	88.79%
Swordfish	<i>Xiphias gladius</i>	All	30.82	3.69%	20.41	2.44%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	9.64	1.15%
Yellowfin tuna	<i>Thunnus albacares</i>	All	60.63	7.26%	62.63	7.49%

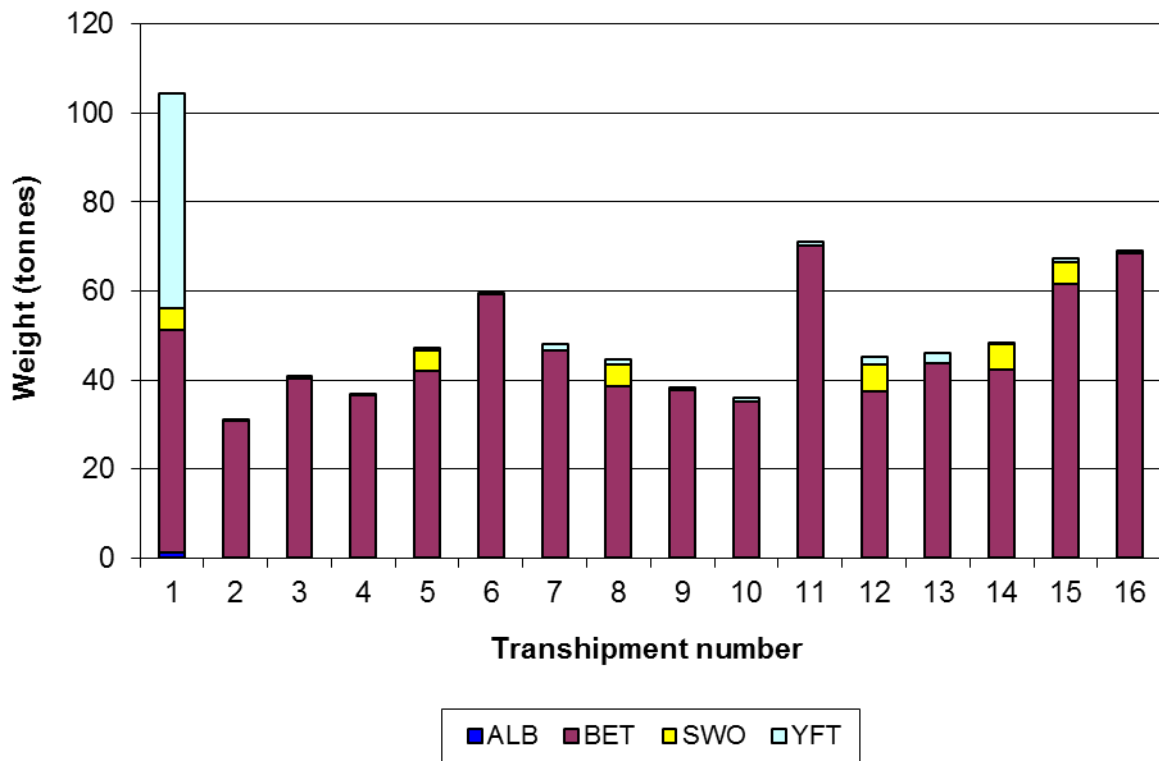


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	11.39
Bigeye tuna	<i>Thunnus obesus</i>	53.35
Swordfish	<i>Xiphias gladius</i>	47.93
Yellowfin tuna	<i>Thunnus albacares</i>	31.79

Comments:

The fish were brought out of the LSPLV hold and placed on deck. The fish would spread out on the deck, this made it easy for the observer to count, determine species, to see the processing method and to estimate an average weight per species. The fish were then hooked onto the crane and transferred to the hold of the CV. Fourteen of the sixteen transhipments were transhipped in this manner.

On two occasions (transhipments) fish were transferred directly out of the LSPLV hold to the CV hold.

The most dominant specie transhipped was bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). Other species recorded were swordfish (*Xiphias gladius*) and albacore tuna (*Thunnus alalunga*). The main processing types for tunas were gilled and gutted with tail removed (GG). Swordfish (*X. gladius*) were headed, gutted and tailed (DR) or in a filleted (FL). Albacore (*T. alalunga*) was transhipped on one occasions and recorded in a “whole” product (RD) state with the tail removed.

The CV did not make use of a hook scale.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Ye s	18/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P U	16/11/ 14
2			Ye s	23/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	22/05/ 18	Ye s	Ye s	Ye s	Ye s	Ye s	P B	23/11/ 14
3			Ye s	24/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	05/12/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	P B	23/11/ 14
4			Ye s	25/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	18/10/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P B	24/11/ 14
5			Ye s	26/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	07/07/ 18	Ye s	Ye s	Ye s	Ye s	Ye s	P B	25/11/ 14
6			Ye s	27/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	28/02/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P B	26/11/ 14
7			Ye	27/11/	Ye	Ye	Ye	Ye	Ye	13/01/	Ye	Ye	Ye	Ye	Ye	P	23/11/

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
			s	14	s	s	s	s	s	15	s	s	s	s	s	U	14
8			Ye s	27/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	24/01/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	27/11/ 14
9			Ye s	28/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	02/01/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	27/11/ 14
10			Ye s	28/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	15/07/ 18	Ye s	Ye s	Ye s	Ye s	Ye s	P B	27/11/ 14
11			Ye s	29/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	13/01/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P U	28/11/ 14
12			Ye s	29/11/ 14	Ye s	Ye s	Ye s	UN K		UN K	UN K	Ye s	Ye s	Ye s	Ye s	P B	28/11/ 14
13			Ye s	30/11/ 14	No	Ye s	Ye s	Ye s	Ye s	13/01/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P U	28/11/ 14
14			Ye s	30/11/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	01/12/ 17	Ye s	Ye s	Ye s	Ye s	Ye s	P B	29/11/ 14
15			Ye s	01/12/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	07/07/ 18	Ye s	Ye s	Ye s	Ye s	Ye s	P B	29/11/ 14
16			Ye s	01/12/ 14	Ye s	Ye s	Ye s	Ye s	Ye s	13/01/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	P U	30/11/ 14

Comments.

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

The LSPLV ATF of the xx was printed in Chinese characters. The observer could not interpret the sections of the document indicating the fishing area and the expiry date of the licence and noted it as unknown.

The observer completed five Potential Non Compliance (PNC) reports. The natures of the PNC are listed in table 7.

Table 7 Summary of PNC reports.

TS No.	Vessel Name	ICCAT No.	PNC Ref	PNC 1	PNC 2	PNC 3	Comments
1			1	LNB	LNN		Logbook not bound. Logbook sheets not numbered.
7			2	LNB	LNN		Logbook not bound. Logbook sheets not numbered.
11			3	LNB	LNN		Logbook not bound. Logbook sheets not numbered.
13			4	LNB	LNN	IIM	Logbook not bound. Logbook sheets not numbered. LSPLV markings not correctly displayed.
16			5	LNB	LNN		Logbook not bound. Logbook sheets not numbered.

Table 8 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			<p>The fishing logbook was not bound and the logbook sheets were not numbered with consecutive page numbers. A PNC was issued for codes LNB and LNN.</p> <p>Figure 3 Logbook of the LSPLV WAKASHIO MARU No. 82</p>
2			No comment
3			No comment.
4			No comment.
5			No comment.
6			No comment.
7			<p>The fishing logbook was printed, unbound and the pages were not numbered with consecutive page numbers. A PNC was issued for codes LNB and LNN.</p> <p>Figure 4 Logbook</p>
8			No comment.
9			<p>The ATF reflected the ICCAT number xx and the ICCAT vessel list provided the number yyy.</p> <p>Figure 5 ATF</p>
10			No comment.
11			<p>The fishing logbook was printed and unbound and the pages were not numbered with consecutive serial numbers. The observer issued a LSPLV PNC report with codes LNB and LNN.</p> <p>Figure 6 Logbook</p>
12			<p>The vessel name on the bow was partially obscured by fouling on the vessel. The name on the stern had the correct vessel name marking. The observer could not verify the name on the bow.</p> <p>Figure 7 Bow markings The ATF was printed in Chinese characters and the observer could not determine the area of operation nor the expiry date of the ATF.</p>
13	Sun Warm No. 627	AT000PHL00013	The LSPLV name displayed on the bow and stern of the vessel was not consistent with the

TS No.	Vessel Name	ICCAT No.	Comments
			<p>ICCAT vessel list. The LSPLV displayed the markings "xx" and the ICCAT list provided to the observer provided the name "yy"</p> <p>Figure 8 Bow and stern markings</p> <p>The fishing logbook was not bound and the pages were not numbered with consecutive serial numbers. The observer issued a PNC report for the codes LNB, LNN and IIM.</p> <p>Figure 9 Logbook</p>
14			No comment.
15			No comment.
16			<p>The fishing logbook was not bound but the pages were not numbered with serial numbers. The observer issued a PNC report with the codes LNB and LNN.</p> <p>Figure 10 Logbook</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

Transshipment 9: The LSPLV ICCAT number on the ATT was not the same as on the ICCAT vessel list provided to the observer. The ATT reflected the ICCAT number as "yy" and the vessel list provided the number "xx" (Figure 5).

Transshipment 12: The vessel name on the bow was partially obscured by fouling on the vessel (Figure 7). The observer could not determine if the vessel markings on the bow was consistent with the ICCAT vessel list provided. The observer noted that the stern markings was correct.

Transshipment 13: The LSPLV name on both the bow and the stern was displayed as "xx" (Figure 8). This was not consistent with the name provided in the ICCAT vessel list.

8.2 Issues with Fishing Licence, logbooks or VMS

Transshipments 12: The LSPLV only had the ATF printed in oriental characters on board. As a result the observer could not verify the area of operation and the expiry date of the licence.

9 Other Observer Tasks.

9.1 CV waste disposal

Galley food scraps were disposed of over the side on a daily basis after being searched for plastic matter. The vessel waste was sorted and retained for land disposal. Plastic, paper, cardboard boxes and other combustible materials was incinerated and incinerator ashes were retained for land disposal.

9.2 Unidentified or IUU vessels

No Unidentified or IUU vessels were sighted for the duration of the voyage.

9.3 Marine mammals.

No marine mammal sightings.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 6 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		18/11/2014	16°59.644S	005°51.276E	Provisions and oil drums.	Yes
		18/11/2014	16°40.462S	005°48.318E	Provisions and bait.	Yes
		19/11/2014	15°24.031S	005°15.491E	Provisions, fuel and oil drums.	Yes
		23/11/2014	03°28.929S	010°46.069W	Provisions	Yes
		23/11/2014	03°28.568S	010°46.521W	Provisions and bait.	Yes
		25/11/2014	03°59.464S	014°57.940W	Provisions and bait.	Yes

ICCAT

Observer Report



Trip Number:	161-14
Vessel Name:	Futagami
ICCAT Ref. No.	AT000JPN00572
Observer Name:	Jonathan Newton
Cruise Dates:	27/11/2014 to 14/01/2015

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and the consortium of Capricorn Fisheries Monitoring cc and MRAG Ltd, Jonathan Newton (ICCAT No 029) joined the Vanuatu registered Carrier Vessel (CV) Futagami (ICCAT No AT000JPN00572) as the ROP observer to monitor the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 27/11/2014 to 14/01/2015.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	YJQJ8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Navisa Maritime SA	Charterer:	Toei Reefer ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2000t
Size (GRT):	2581t	Length (LOA):	88.45m
On-board acoustic equipment:		Furuno echo sounder	
Position fixing equipment:		Furuno GPS Navigator GP-150,JRC JLR-77700MK11, Anrista RN 406A,	
Vessel monitoring system (present/absent):		Present	
Radar:		Furuno RCU-014 x2	
Communications equipment:		JRC JST-245 transceiver Marine VHF radio	
Plotters:		None	
Tuna products already on board (Quantity)		123 ton	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	27/11/2014
Method of embarkation*	Portside
Date of departure	27/11/2014
Date of first transhipment	02/12/2014
Date of last transhipment	07/01/2015
Date of return	14/01/2015
Date of disembarkation	14/07/2015
Method of disembarkation*	Transfer vessel offshore
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 7 transhipments at sea in the Atlantic Ocean totalling 640.592 tons. In addition, the CV received a total of 1109.393 tons during 10 transhipments conducted in the port of Sao Vicente, Cape Verde. The locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

The CV also concluded 7 non-ICCAT transhipments where supplies consisting of bait, food, dry goods and bunkers were transferred to LSTLVs.

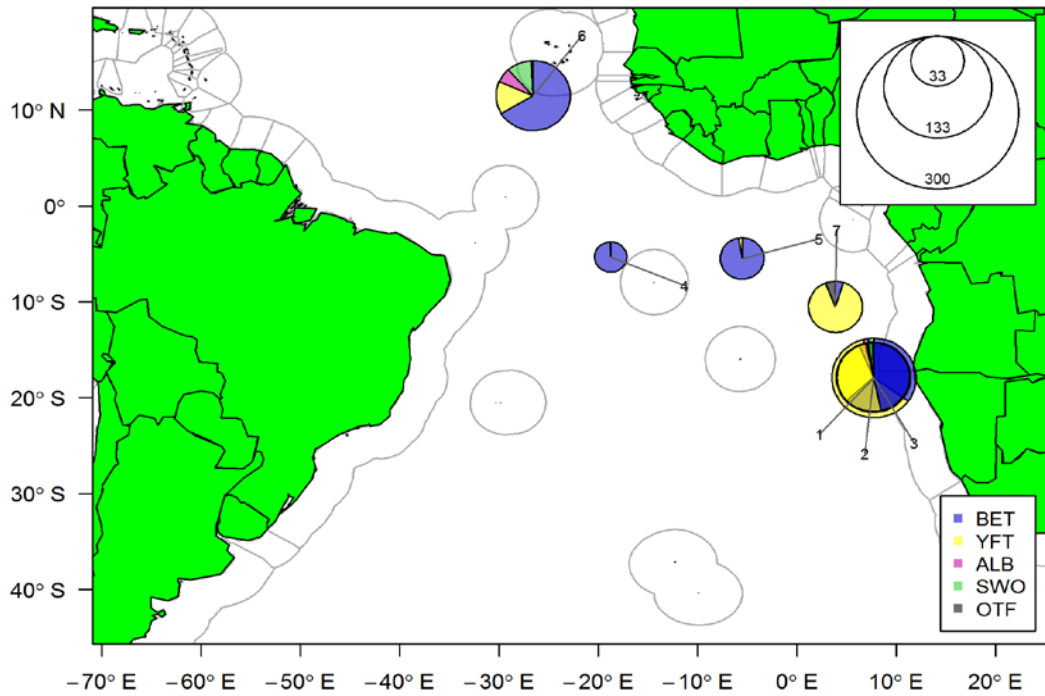


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	1
	5

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Trans-shipment time	% Observed
1				Yes	02/12/14	17°56.245 S	007°45.095 E	08:25	100.00%
2				Yes	04/12/14	17°51.909 S	007°41.713 E	06:20	100.00%
3				Yes	05/12/14	17°51.167 S	007°41.443 E	06:15	100.00%
4				Yes	11/12/14	05°19.242 S	018°45.227 W	01:20	100.00%
5				Yes	12/12/14	05°28.401 S	005°31.234 W	01:25	100.00%
6				Yes	29/12/14	11°30.583 N	026°33.613 W	06:20	100.00%
7				Yes	07/01/15	10°30.689 S	003°52.123 E	04:05	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	41.0981	54.354	95.46044	94.604	2.331	3.152	2.4003	3.22	141.28984	155.33	14.04	9.04%
2	73.1262	76.185	26.27515	36.646	2.8424	2.578	5.271	5.212	107.51475	120.621	13.11	10.87%
3	53.4148	53.822	57.0173	57.943	2.91	2.405	1.6384	1.446	114.9805	115.616	0.64	0.55%
4	21.8764	22.426	0.084	0.098	0	0	0	0	21.9604	22.524	0.56	2.50%
5	41.56224	40.91	0.98752	1.081	0	0	0	0	42.54976	41.991	-0.56	-1.33%
6	77.6208	80.067	13.11435	18.269	10.84008	13.436	7.3938	8.838	108.96903	120.61	11.64	9.65%
7	2.4614	3	63.36	57	0	0	3.8	3.9	69.6214	63.9	-5.72	-8.95%

6 Species and weight transferred

The vessel contained approximately 123 tons of tuna products acquired from transshipment in the Atlantic Ocean when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4. A breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	0.00	0.00%	3.90	0.61%
Other fish		Unk	3.80	0.63%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	16.54	2.58%
Albacore	<i>Thunnus alalunga</i>	Unk	13.18	2.17%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	0.65	0.10%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	1.19	0.18%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	1.85	0.31%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	330.76	51.63%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	311.16	51.27%	0.00	0.00%
Black marlin	<i>Makaira indica</i>	All	0.00	0.00%	0.20	0.03%
Black marlin	<i>Makaira indica</i>	Unk	0.20	0.03%	0.00	0.00%
Mixed Tunas		Unk	1.44	0.24%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	0.30	0.05%
Opah	<i>Lampris guttatus</i>	Unk	0.07	0.01%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	21.57	3.37%
Swordfish	<i>Xiphias gladius</i>	Unk	18.92	3.12%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	265.64	41.47%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	256.30	42.23%	0.00	0.00%

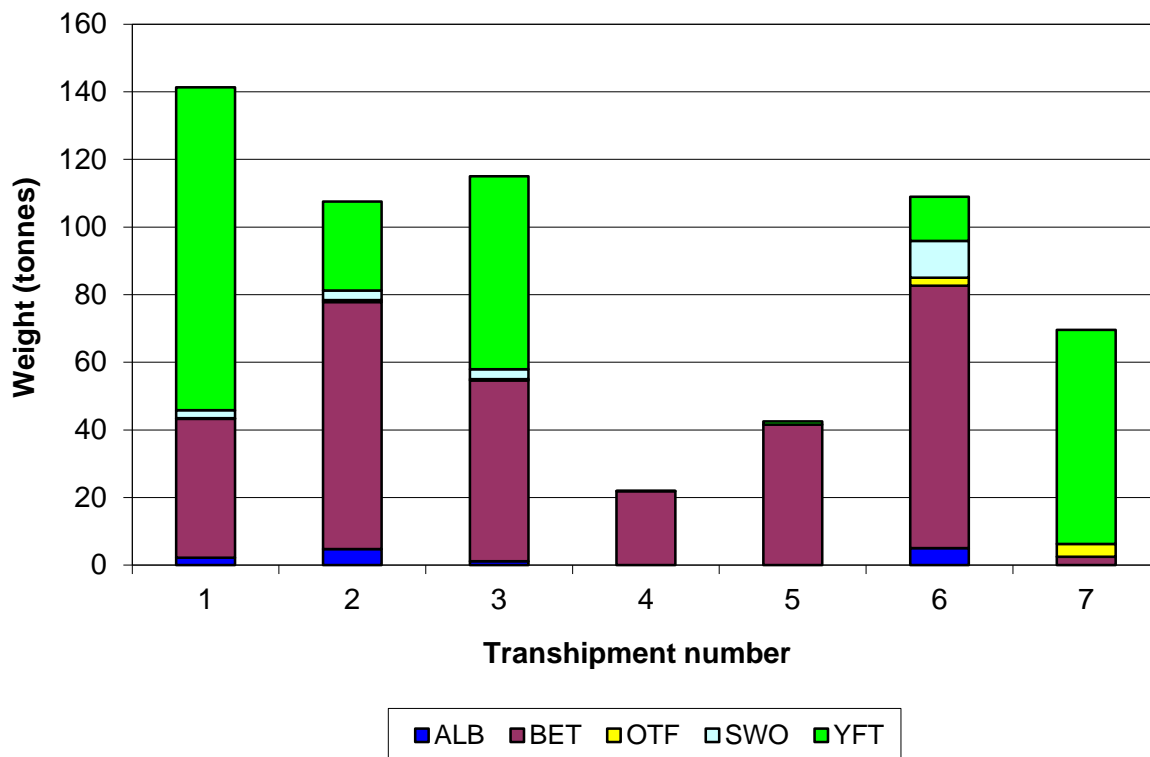


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Average weights-Observed		
Common name	Scientific name	Average weight (Kg)
Other fish		25.00
Albacore	<i>Thunnus alalunga</i>	12.86
Atlantic blue marlin	<i>Makaira nigricans</i>	123.50
Bigeye tuna	<i>Thunnus obesus</i>	32.83
Black marlin	<i>Makaira indica</i>	195.00
Mixed Tunas		10.00
Opah	<i>Lampris guttatus</i>	8.95
Swordfish	<i>Xiphias gladius</i>	43.01
Yellowfin tuna	<i>Thunnus albacares</i>	26.50

Comments:

The main species transferred on this deployment were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*) and albacore (*Thunnus alalunga*).

Marlins and swordfish (*X. gladius*) were DR (dressed) with the head, tail and guts removed. All tuna except *T. alalunga* were processed as GG (gilled and gutted). *T. alalunga* were RD (round) with the fish retained in the whole state.

During this deployment the fish products were transferred directly from the LSPLVs hold in strings that consisted of between 10-50 fish depending on the size of the species in to the CV hatch. The observer found that as the transfer time was rapid an accurate

estimated count was in some cases difficult to obtain. The observer used the LSPLVs estimated count and weight to obtain an estimated average weight which the observer then used with observers estimated count to calculate the observer's estimated total weight."

7 Southern bluefin tuna transshipments

No Southern Bluefin (*Thunnus maccoyii*) were transhipped during this voyage.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	02/12/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	01/12/2014
2			Yes	04/12/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	03/12/2014
3			Yes	05/12/14	Yes	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PU	29/11/2014
4			Yes	11/12/14	Yes	Yes		Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	11/12/2014
5			Yes	12/12/14	Yes	Yes	Yes	Yes	Yes	Yes	09/08/18	Yes	Y	Yes	Yes	Yes	PB	11/12/2014
6			Yes	29/12/14	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	28/12/2014
7			Yes	07/01/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	05/01/2015

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

The observer issued 5 Potential Non Compliance (PNC) reports to the LSPLVs listed in table 8

Table 8 PNCs issued

No	Vessel	ICCAT No	PNC Ref	PNC1	PNC2
1			1	LNB	LNN
2			2	LNN	LNB
3			3	LNN	LNB
6			4	LNB	
7			7	LNB	

LNB- Logbook not bound.

LNN- Logbook not numbered.

Table 7 **Comments from inspections**

TS No.	Vessel Name and ICCAT No.	Comments
1		<p>The logbook was printed but unbound. The pages were retained in a lever arch file and were not numbered with sequential page numbers. A PNC issued to the LSPLV captain.</p> <p>Figure 3 Logbooks of the xxx</p>
2		<p>The logbook was printed but unbound. The pages were retained in a file and were not numbered with sequential page numbers. A PNC issued to the LSPLV captain.</p> <p>Figure 4 Logbooks of the yyy</p>
3		<p>The fishing logbook was not completed up to the date of the transshipment. The last page of the logbook was recorded up to 30/11/2014.</p> <p>The logbook pages were printed and unbound. The pages were not numbered with consecutive page numbers. The logsheets were retained in a paper folder file. A PNC was issued for the logbook not being bound and numbered and copies provided to the master of the CV and the LSPLV.</p> <p>Figure 5 Logbooks of xxx</p>
4		<p>The LSPLV did not display the National Registration Number (NRN).</p> <p>Figure 6 Vessel markings of the yy</p>
5		<p>The LSPLV was fitted with two VMS antennae. One Argos MAR GEV V2 and one for Trimble Galaxy INMARSAT. The observer only noted the Trimble Galaxy unit on the bridge.</p>
6		<p>The logbook was printed and up to date. The format was unprinted and the pages were numbered with sequential numbers. The observer issued a PNC for the unbound logbook and a copy of the PNC was provided to the master of the LSPLV.</p> <p>Figure 7 Logbooks of the xxx</p>
7		<p>The logbook was printed and unbound. The pages were retained in a file and not officially bound. The pages were not numbered with sequential page numbers. A PNC was issued to the LSPLV captain for an unbound logbook.</p> <p>Figure 8 Logbooks of the xx</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

The LSPLV Da Yuan Yu 306 (AT000CHN00082) did not display the NRN of the vessel (Figure 6).

8.2 Issues with Fishing Licence, logbooks or VMS.

PNCs reports were issued to the following LSPLVs which had logbooks that were printed but unbound or the pages were not numbered with sequential numbers.

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2
1			1	LNB	LNN
2			2	LNN	LNB
3			3	LNN	LNB
6			4	LNB	
7			7	LNB	

9 Other Observer Tasks.

9.1 CV waste disposal

The CV was equipped with waste drums for the dumping of waste products. These drums were on the starboard side of the CV and were colour coded to indicate the kind of waste product for each drum.



Figure 9 Waste disposal drums

9.2 Unidentified or IUU vessels

On the 3/01/2015 at 15H00 an unidentified tuna purse seiner was observed travelling north at position 01 36.579N 12 57.827W.

9.3 Marine mammals.

On 15/12/14 a school of *Delphinus delphis* was observed while the CV was steaming.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
15/12/2014	15.00	11 55.0N	26 31.6W	Common Dolphin <i>Delphinus delphis</i>	10-15	Travelling

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

LSPLV	RFMO No.	Date	Lat	Long	Comments
		01/12/2014	17 57.389S	07 44.778E	Bait, frozen foods, supplies
		01/12/2014	17 57.389S	07 44.778E	Fuel, Bait ,frozen foods
		03/12/2014	17 58.076S	07 42.115E	Bait, frozen foods, supplies
		05/12/2014	17 56.024S	07 43.218E	Bait, frozen foods, supplies
		16/12/2014	11 27.859N	26 33.926W	Dry Cargo
		07/01/2015	10 33.928S	03 53.112E	Bunkers

Appendix 2 In port transhipments.

No	Vessel	Date	IMFO No.	Flag	Tonnage	Port
1		18/12/2014			127.955	Sao Vicente
2		19/12/2014			115.232	Sao Vicente
3		20/12/2014			55.536	Sao Vicente
4		21/12/2014			202.534	Sao Vicente
5		22/12/2014			115.612	Sao Vicente
6		23/12/2014			44.431	Sao Vicente
7		24/12/2014			130.988	Sao Vicente
8		25/12/2014			140.008	Sao Vicente
9		26/12/2014			52.171	Sao Vicente
10		27/12/2014			124.926	Sao Vicente

ICCAT

Observer Report



Trip Number:	162/14
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000VUT00018
Observer Name:	PEDRO DE JESUS
Cruise Dates:	From: 26/12/2014 To: 20/02/2015

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Marine Resources Assessment Group Ltd (MRAG Ltd.), Pedro de Jesus (ROP no. 118) joined the Vanuatu registered Carrier Vessel (CV) CHIKUMA (AT000VUT00018) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 26/12/2014 to 20/02/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers

2 Carrier Vessel details

Vessel name:	CHIKUMA	Call sign:	YJTE5
Port of registration:	PORT VILLA	Flag State:	VANUATU
Owner:	OCEAN WIDE SHIPPING S.A.	Charterer:	MRS CORPORATION
Vessel type:	REFRIGERATED CARGO CARRIER	Hold capacity:	SF*:74 - 3,839.15 MT SF :72 - 3,945.44 MT
Size (GRT):	6558 T	Length (LOA):	134,15 M
On-board acoustic equipment:	FURUNO ECHO SOUNDER FE-700		
Position fixing equipment:	FURUNO UNIVERSAL AIS FURUNO GPS GP-150 x 2		
Vessel monitoring system (present/absent):	PRESENT (CLS-COLLECTIVE LOCALISATION SATELLITES)		
Radar:	FURUNO RCU-014 S-BAND FURUNO RCU-014 X-BAND		
Communications equipment:	FURUNO VHF RC-8900 x 2 FURUNO HF FS-2575C x 2 ENTEI PORTABLE RADIO x 3 PUBLIC ADDRESSOR NHE		
Plotters:	FURUNO RCU-024 ECDIS		
Tuna products already on board (Quantity)	1,402.072 MT		

* SF – Storage Factor

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	DURBAN – SOUTH AFRICA
Date of embarkation	26/12/2014
Method of embarkation*	PORTSIDE
Date of departure	26/12/2014
Date of first transshipment	29/12/2014
Date of last transshipment	06/02/2015
Date of return	19/02/2015
Date of disembarkation	20/02/2015
Method of disembarkation*	TRANSFER VESSEL IN PORT
Port of return	CRISTOBAL - PANAMA

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 37 transhipments at sea. The locations are shown in detail in Figure 1, and transhipments received by nationality of vessel are given in Table 1. The vessel also performed 3 in-port transhipments of tuna and tuna-like species (Table 10) and 44 non-ROP transhipments of bait, dry goods and fuel (Table 11).

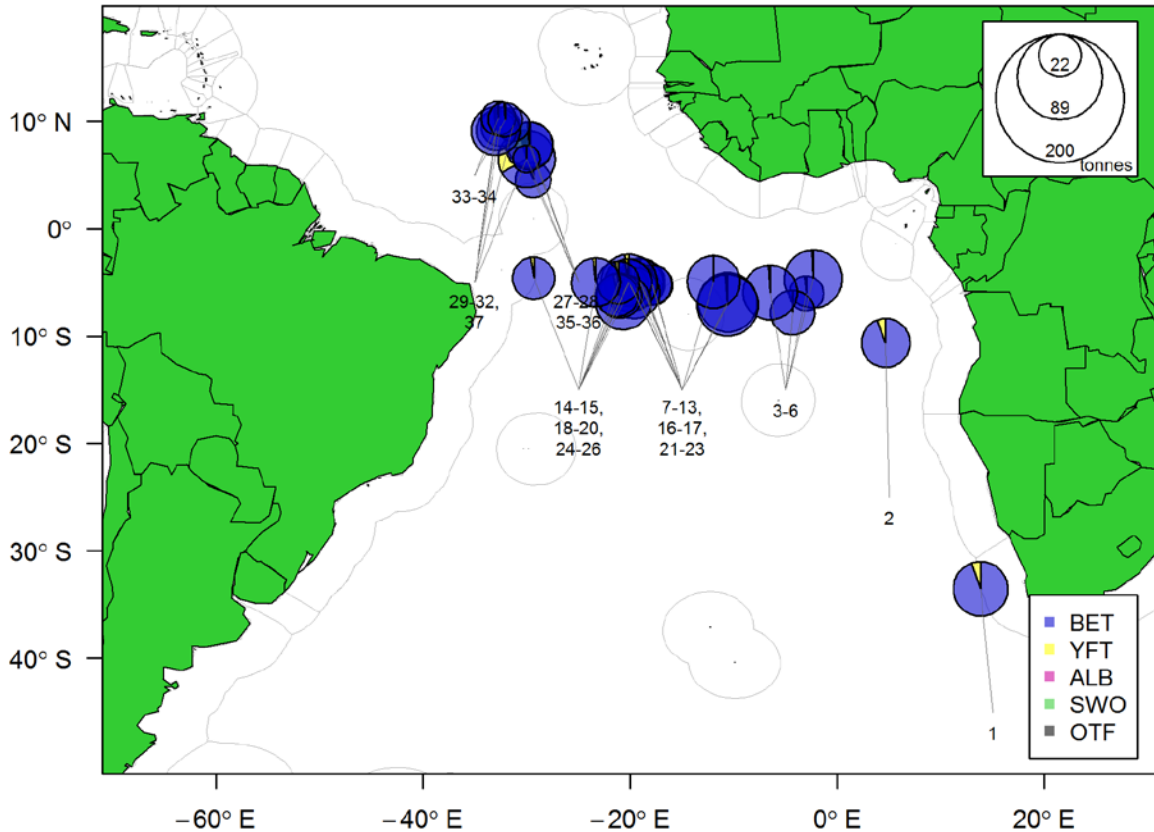


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	9
XXX	20
XXX	5
XXX	2
XXX	1

Comments:

The vessel received a total of 1,987.860 tonnes of declared tuna and tuna like products, transhipments times ranged from 00:46 to 04:53 hours with an average time of 02:22

hours. Quantities transhipped ranged from 18.382 to 95.044 tonnes (average 53.726 tonnes).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Vessel Name	RFMO No	Flag	Inspected	Date	Lattitude	Longitude	Transhipment time	% observed
1				Yes	29/12/2014	33°31.023 S	013°49.620 E	01:15	100
2				Yes	03/01/2015	10°38.043 S	004°39.962 E	02:55	100
3				Yes	05/01/2015	06°01.080 S	002°59.854 W	02:17	100
4				Yes	06/01/2015	04°40.143 S	002°19.140 W	02:13	100
5				Yes	07/01/2015	07°48.408 S	004°18.771 W	01:22	100
6				Yes	08/01/2015	05°56.780 S	006°29.456 W	01:37	100
7				Yes	09/01/2015	06°51.348 S	010°35.359 W	00:46	100
8				Yes	10/01/2015	07°07.347 S	010°35.867 W	01:46	100
9				Yes	11/01/2015	04°57.205 S	011°57.310 W	02:25	100
10				Yes	12/01/2015	05°23.270 S	018°41.198 W	01:37	100
11				Yes	13/01/2015	05°01.113 S	019°00.704 W	01:12	100
12				Yes	13/01/2015	04°59.310 S	019°04.526 W	01:31	100
13				Yes	14/01/2015	05°31.401 S	019°25.266 W	04:53	100
14				Yes	15/01/2015	05°02.271 S	020°07.490 W	02:05	100
15				Yes	15/01/2015	04°59.730 S	020°12.162 W	02:48	100
16				Yes	16/01/2015	05°09.646 S	019°59.166 W	03:36	100
17				Yes	17/01/2015	05°19.934 S	019°59.731 W	03:10	100
18				Yes	18/01/2015	06°14.016 S	021°02.860 W	03:29	100
19				Yes	18/01/2015	06°12.031 S	021°15.633 W	01:09	100
20				Yes	19/01/2015	06°49.754 S	020°40.805 W	02:09	100
21				Yes	20/01/2015	05°59.922 S	019°36.169 W	03:31	100
22				Yes	21/01/2015	05°14.526 S	017°49.490 W	01:36	100
23				Yes	21/01/2015	05°13.363 S	017°53.683 W	01:27	100
24				Yes	22/01/2015	05°00.438 S	021°08.249 W	01:16	100
25				Yes	23/01/2015	04°59.303 S	023°19.129 W	01:04	100
26				Yes	25/01/2015	04°36.756 S	029°18.758 W	02:55	100

27				Yes	25/01/2015	04°32.766 N	029°22.503 W	02:57	100
28				Yes	26/01/2015	06°30.271 N	029°59.501 W	04:32	100
29				Yes	26/01/2015	06°29.626 N	030°00.893 W	02:48	100
30				Yes	27/01/2015	09°29.733 N	032°31.670 W	03:45	100
31				Yes	28/01/2015	09°09.275 N	032°55.318 W	02:27	100
32				Yes	28/01/2015	09°04.086 N	032°59.815 W	02:07	100
33				Yes	30/01/2015	10°09.838 N	032°05.870 W	02:18	100
34				Yes	31/01/2015	10°17.284 N	032°44.226 W	03:35	100
35				Yes	01/02/2015	07°47.770 N	029°38.155 W	01:43	100
36				Yes	01/02/2015	07°43.598 N	029°44.699 W	02:04	100

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	29.46	30.00	0.39	1.00	0.00	0.00	1.85	1.10	31.70	32.10	403	1.26
2	47.04	55.65	19.33	23.58	1.27	1.41	9.91	2.23	77.55	82.87	5326	6.43
3	37.70	37.87	0.00	0.00	15.44	14.59	1.06	0.00	54.20	52.46	-1737	-3.31
4	59.03	56.52	0.55	0.55	0.00	0.00	0.00	0.00	59.57	57.06	-2511	-4.40
5	19.03	18.38	0.00	0.00	0.00	0.00	0.00	0.00	19.03	18.38	-651	-3.54
6	37.07	36.55	0.94	1.83	0.00	0.00	0.65	0.00	38.67	38.38	-288	-0.75
7	28.32	27.48	0.07	0.07	0.00	0.00	0.00	0.00	28.39	27.55	-836	-3.03
8	39.07	40.01	0.60	0.69	0.00	0.00	2.10	0.00	41.76	40.70	-1062	-2.61
9	57.27	59.18	0.23	0.32	0.00	0.00	1.39	0.00	58.89	59.50	612	1.03
10	33.15	29.69	0.23	0.31	0.00	0.00	0.32	0.00	33.70	30.00	-3696	-12.32
11	31.67	29.82	0.18	0.18	0.00	0.00	0.85	0.00	32.70	30.00	-2699	-9.00
12	30.41	29.51	0.17	0.49	0.00	0.00	0.43	0.00	31.01	30.00	-1012	-3.37
13	83.71	84.30	0.20	0.70	0.00	0.00	0.57	0.00	84.47	85.00	527	0.62
14	49.51	49.88	0.07	0.10	0.00	0.00	0.49	0.00	50.06	49.98	-82	-0.16
15	73.77	74.71	0.94	0.59	0.00	0.00	1.21	0.00	75.92	75.30	-623	-0.83
16	86.03	87.83	1.57	1.27	0.00	0.00	1.20	0.00	88.81	89.10	298	0.33
17	92.04	94.22	0.57	0.83	0.00	0.00	2.83	0.00	95.44	95.04	-396	-0.42
18	70.53	70.00	0.07	0.00	0.00	0.00	0.49	0.00	71.09	70.00	-1086	-1.55
19	30.72	30.00	0.00	0.00	0.00	0.00	0.00	0.00	30.72	30.00	-719	-2.40
20	64.20	60.00	0.00	0.00	0.00	0.00	2.03	0.00	66.23	60.00	-6225	-10.38
21	56.82	55.00	0.12	0.00	0.00	0.00	0.44	0.00	57.39	55.00	-2387	-4.34
22	42.48	40.00	0.00	0.00	0.00	0.00	0.00	0.00	42.48	40.00	-2482	-6.21

23	40.56	40.02	0.00	0.00	0.00	0.00	0.27	0.00	40.83	40.02	-809	-2.02
24	39.47	39.68	0.39	0.32	0.00	0.00	1.30	0.00	41.16	40.00	-1157	-2.89
25	25.34	30.00	0.00	0.00	0.00	0.00	0.64	0.00	25.98	30.00	4021	13.40
26	62.45	63.30	2.07	3.20	0.00	0.00	1.79	0.00	66.31	66.50	188	0.28
27	67.32	63.59	1.59	1.80	0.00	0.00	2.02	0.00	70.92	65.39	-5531	-8.46
28	74.91	80.60	0.96	2.00	0.00	0.00	1.61	0.00	77.47	82.60	5132	6.21
29	54.39	54.10	1.12	1.40	0.00	0.00	1.56	0.00	57.06	55.50	-1563	-2.82
30	76.52	75.50	1.14	1.30	0.00	0.00	2.50	0.00	80.16	76.80	-3357	-4.37
31	48.41	50.90	0.17	0.22	0.00	0.00	1.77	0.00	50.34	51.12	778	1.52
32	45.73	44.00	0.88	1.50	0.00	0.00	1.32	0.00	47.93	45.50	-2425	-5.33
33	45.86	44.60	0.96	1.20	0.00	0.00	1.11	0.00	47.93	45.80	-2127	-4.64
34	63.53	58.85	1.18	1.15	0.00	0.00	1.42	0.00	66.13	60.00	-6133	-10.22
35	44.15	44.00	1.20	1.20	0.00	0.00	0.80	0.00	46.15	45.20	-946	-2.09
36	64.72	56.49	3.72	3.52	0.00	0.00	1.42	0.00	69.86	60.00	-9861	-16.44
37	76.70	70.93	4.38	4.07	0.00	0.00	3.36	0.00	84.44	75.00	-9442	-12.59

Comments:

A difference of greater than 10% was observed in transshipment numbers 10 (XXX), 20 (XXX), 25 (XXX), 34 (XXX), 36 (NO.1 EVER RICH) and 37 (XXX).

TS10: Pre-transshipment form initially indicated 33.26 tonnes for transfer, which was then altered to indicate 30.00 tonnes. Transshipping ceased when it was thought that 30.00 tonnes had been transferred.

TS20: The difference was largely due to more bigeye tuna being observed than declared. Large strings of up to 33 fish were observed which may have impacted accuracy of estimations.

TS25: The difference was largely due to more bigeye tuna being observed than declared. Some larger strings may have impacted accuracy of estimations.

TS34: Pre-transshipment form initially indicated 64.07 tonnes for transfer, which was then altered to indicate 60.00 tonnes. Transshipping ceased when it was thought that 60.00 tonnes had been transferred.

TS36: Pre-transshipment form initially indicated 86.88 tonnes for transfer, which was then altered to indicate 60.00 tonnes. Transshipping ceased when it was thought that 60.00 tonnes had been transferred.

TS37: Pre-transshipment form initially indicated 81.54 tonnes for transfer, which was then altered to indicate 75.00 tonnes. Transshipping ceased when it was thought that 75.00 tonnes had been transferred. Large strings of up to 55 fish were observed which may have impacted accuracy of estimations.

6 Species and weight transferred

The vessel contained a total of 1,402.072 mt of declared tuna products related to IOTC transshipments when the observer boarded. The total declared and observed weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	S	1.89	0.09	2.034	0.10
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.53	0.08	1.296	0.07
Bigeye tuna	<i>Thunnus obesus</i>	All	1,929.06	94.45	1,913.16	96.24
Swordfish	<i>Xiphias gladius</i>	S	16.71	0.82	16.00	0.80
Tunas nei	<i>Thunnini</i>	All	47.28	2.31	0.00	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	45.95	2.25	55.37	2.79

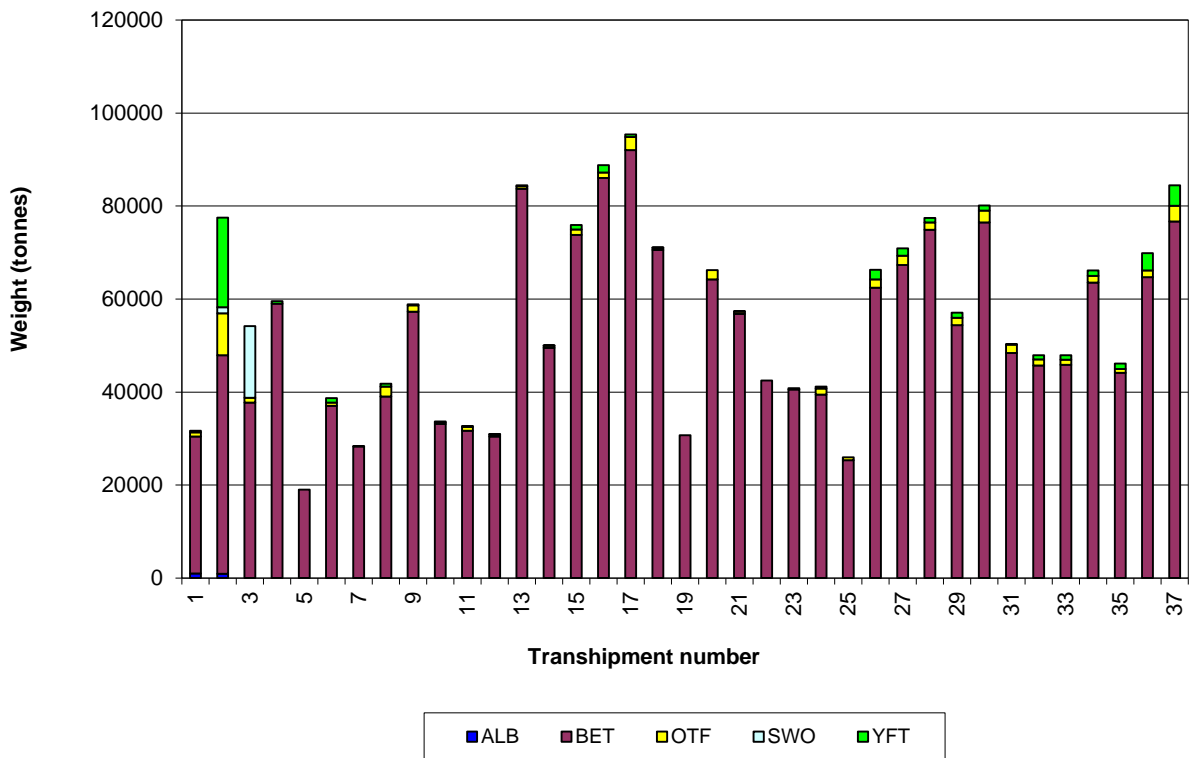


Figure 2 Proportions, by processed weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common name	Scientific name	Average weight (Kg)
Albacore	<i>Thunnus alalunga</i>	10.31
Atlantic blue marlin	<i>Makaira nigricans</i>	117.85
Bigeye tuna	<i>Thunnus obesus</i>	55.99
Swordfish	<i>Xiphias gladius</i>	62.36
Tunas nei	Thunnini	48.29
Yellowfin tuna	<i>Thunnus albacares</i>	37.00

Comments:

Average weights per species were estimated from LSPLV weight and number per species to be transhipped declared in pre-transshipment form from LSPLV inspection except in transshipment number 27 where the average weight (75.00 kg) of Yellowfin tuna (*T. albacares*) declared appeared not to be the correct weight representative of the species being transferred. In this case, average weight of yellowfin tuna (*T. albacares*) estimated was obtained from previous similar transshipments (42.88 kg). Tuna species transferred that the observer was unable to positively identify were recorded as Tunas nei (Thunnini).

Species transferred were bigeye tuna (*T. obesus*), yellowfin tuna (*T. albacares*), albacore (*T. alalunga*), Atlantic blue marlin (*M. nigricans*) and swordfish (*X. gladius*). Stock IDs were declared as All Atlantic except for albacore (*T. alalunga*) and swordfish (*X. gladius*) that were declared as South Atlantic stock.

Main products types were gilled and gutted (GG) for bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*), whole (RD) for albacore (*T. alalunga*), gutted with head removed (DR) for Atlantic blue marlin (*M. nigricans*), and swordfish (*X. gladius*) were transferred as DR or fillet (FL).

7 Southern bluefin tuna transshipments

No southern bluefin tuna (*Thunnus maccoyii*) were transhipped during deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS			Logbook	
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	29/12/14	Y	Y	Y	Y	Y	13/01/15	Y	Y	Y	Y	Y	PB	14-Dec-14
2			Y	03/01/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	20-Dec-14
3			Y	05/01/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	20-Dec-14
4			Y	06/01/15	Y	Y	Y	Y	Y	05/10/16	Y	Y	Y	Y	Y	PB	05-Jan-15
5			Y	07/01/15	Y	Y	Y	Y	Y	04/09/18	Y	Y	Y	Y	Y	PU	06-Jan-15
6			Y	08/01/15	Y	Y	Y	Y	Y	09/01/18	Y	Y	Y	Y	Y	PB	08-Jan-15
7			Y	09/01/15	Y	Y	Y	Y	Y	13/11/15	Y	Y	Y	Y	Y	PB	09-Jan-15
8			Y	10/01/15	Y	Y	Y	Y	Y	01/03/17	Y	Y	Y	Y	Y	PB	09-Jan-15
9			Y	11/01/15	Y	Y	Y	Y	Y	27/11/16	Y	Y	Y	Y	Y	PB	10-Jan-15
10			Y	12/01/15	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	11-Jan-15
11			Y	13/01/15	Y	Y	Y	Y	Y	02/01/17	Y	Y	Y	Y	Y	PB	12-Jan-15
12			Y	13/01/15	Y	Y	Y	Y	Y	24/01/17	Y	Y	Y	Y	Y	PB	12-Jan-15
13			Y	14/01/15	Y	Y	Y	Y	Y	10/11/18	Y	Y	Y	Y	Y	PB	14-Jan-15
14			Y	15/01/15	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	PB	14-Jan-15
15			Y	15/01/15	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	PB	14-Jan-15
16			Y	16/01/15	Y	Y	Y	Y	Y	05/12/15	Y	Y	Y	Y	Y	PB	15-Jan-15
17			Y	17/01/15	Y	Y	Y	Y	Y	21/12/17	Y	Y	Y	Y	Y	PB	17-Jan-15
18			Y	18/01/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	17-Jan-15
19			Y	18/01/15	Y	Y	Y	Y	Y	01/03/15	Y	Y	Y	Y	Y	PB	17-Jan-15

20			Y	19/01/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	18-Jan-15
21			Y	20/01/15	Y	Y	Y	Y	Y	25/07/17	Y	Y	Y	Y	Y	PB	19-Jan-15
22			Y	21/01/15	Y	Y	Y	Y	Y	12/08/16	Y	Y	Y	Y	Y	PB	20-Jan-15
23			Y	21/01/15	Y	Y	Y	Y	Y	12/03/16	Y	Y	Y	Y	Y	PB	21-Jan-15
24			Y	22/01/15	Y	Y	Y	Y	Y	08/08/16	Y	Y	Y	Y	Y	PB	21-Jan-15
25			Y	23/01/15	Y	Y	Y	Y	Y	11/11/18	Y	Y	Y	Y	Y	PB	22-Jan-13
26			Y	25/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	24-Jan-15
27			Y	25/01/15	Y	Y	Y	Y	Y	27/09/17	Y	Y	Y	Y	Y	PB	25-Jan-15
28			Y	26/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	25-Jan-15
29			Y	26/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	25-Jan-15
30			Y	27/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	26-Jan-15
31			Y	28/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	27-Jan-15
32			Y	28/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	27-Jan-15
33			Y	30/01/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	29-Jan-15
34			Y	31/01/15	Y	Y	Y	Y	Y	31/03/15	Y	N	Y	Y	Y	PB	22-Jan-15
35			Y	01/02/15	Y	Y	Y	Y	Y	31/03/17	Y	N	Y	Y	Y	PB	31-Jan-15
36			Y	01/02/15	Y	Y	Y	Y	Y	05/07/19	Y	Y	Y	Y	Y	PB	31-Jan-15
37			Y	02/02/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	31-Jan-15

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 7 **Comments from inspections**

No	Comments
1	Logbook was out-of-date Logbook lacked clear, consecutive page numbering
2	Logbook was out-of-date
3	Logbook was out-of-date
5	Logbook was printed and unbound Logbook lacked clear, consecutive page numbering
7	Fishing gear (transponders) with no LSPLV Identification markings
8	Life buoys with no LSPLV Identification markings Fishing gear (transponders) with no LSPLV Identification markings
9	Fishing gear (transponders) with no LSPLV Identification markings
10	Life rafts date of next inspection imperceptible Fishing gear (transponders) with no LSPLV Identification markings
11	Life rafts date of next inspection expired 12/2014
12	Life rafts date of next inspection expired 12/2014 Fishing gear (transponders) only with name displayed as LSPLV Identification markings
13	Life rafts date of next inspection expired 25/04/2014 Prior authorisation to tranship letter with a different RFMO Registration Number recorded XXX Vessel markings on bow were difficult to read
14	Life rafts date of next inspection expired 06/12/2014
15	Life rafts date of next inspection expired 12/10/2014
16	Life rafts date of next inspection expired 09/2014 Fishing gear (transponders) with no LSPLV Identification markings
17	Life rafts date of next inspection expired 10/2013 Fishing gear (transponders) with no LSPLV Identification markings
18	Life rafts date of next inspection expired 07/2014
19	Life rafts date of next inspection expired 08/2014 Fishing gear (transponders) with no LSPLV Identification markings Vessel markings on bow were difficult to read

20	Fishing gear (transponders) with no LSPLV Identification markings
21	Fishing gear (transponders) with no LSPLV Identification markings Life buoys with no LSPLV Identification markings
22	Life rafts date of next inspection expired 14/11/2013 Fishing gear (transponders) with no LSPLV Identification markings Vessel markings on bow were difficult to read
23	Life rafts date of next inspection expired 14/11/2013 Fishing gear (transponders) with no LSPLV Identification markings Vessel markings on bow were difficult to read
24	Life rafts date of next inspection expired 02/10/2014 Fishing gear (transponders) with no LSPLV Identification markings Vessel markings on bow were difficult to read
25	Life rafts tied up with ropes and no hydrostatic release Fishing gear (transponders) with no LSPLV Identification markings
26	Life rafts date of next inspection expired 01/07/2014 Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number. Attached to this letter there was a document named Detailed At Sea Transhipment Information Logbook lacked clear, consecutive page numbering
27	Fishing gear (transponders) with no LSPLV Identification markings Logbook lacked clear, consecutive page numbering
28	Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number. Logbook lacked clear, consecutive page numbering
29	Life rafts date of next inspection expired 12/2014 Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number.
30	Life rafts date of next inspection expired 01/2014 Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number. Vessel markings on bow were difficult to read
31	Fishing gear (transponders) with no LSPLV Identification markings Life buoys with no LSPLV Identification markings Life rafts with no information regarding date of next inspection Prior Authorisation to Tranship Letter with no information regarding date, LSPLV

	<p>name or RFMO Registration Number. Logbook lacked clear, consecutive page numbering</p>
32	<p>Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number</p>
33	<p>Life buoys with no LSPLV identification markings Life rafts date of next inspection expired 01/2014 Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number. Logbook lacked clear, consecutive page numbering</p>
34	<p>Life buoys with no LSPLV identification markings Life rafts date of next inspection expired 04/2012 Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number. Attached to this letter there were two documents referred as Request Authorisation To Tranship at Sea with dates from November 2013 and Detailed at Sea Transhipment Information dated October 2013 Vessel markings on bow were difficult to read Logbook was out-of-date Logbook lacked clear, consecutive page numbering</p>
35	<p>Life rafts with no information regarding date of next inspection Fishing gear (transponders) with no LSPLV Identification markings Prior Authorisation to Tranship Letter with no information regarding date, LSPLV name or RFMO Registration Number</p>
36	<p>Life buoys with no LSPLV identification markings Life rafts date of next inspection expired 09/2014 Fishing gear (transponders) with no LSPLV Identification markings Vessel markings on bow were difficult to read</p>
37	<p>Life buoys with no LSPLV identification markings Life rafts date of next inspection expired 09/2014 Logbook was out-of-date Logbook lacked clear, consecutive page numbering</p>

The observer made 17 Potential Non Compliance (PNC) reports summarised below in Table .

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1				LND		
2				LND	OTH	
3				LND		
5				LNB		
18				OTH		
26				IIM	OTH	
27				IIM		
28				IIM	OTH	
29				IIM	OTH	
30				IIM	OTH	
31				IIM	OTH	
32				IIM	OTH	
33				IIM	OTH	
34				LND	IIM	OTH
35				IIM	OTH	
36				IIM		
37				LND		

8.1 Verifying vessel name / RFMO number and National Registration Number.

The bow markings of the following vessels were worn or obscured, and difficult to read:

XXX (Figure 3), XXX (Figure 4), XXX (Figure 5), XXX (Figure 6), XXX (Figure 7), XXX (Figure 8) XXX (Figure 9) and XXX(Figure 10).

Figure 3 Worn bow markings on XXX

Figure 4 Obscured bow markings XXX

Figure 5 Worn bow markings on XXX

**Figure 6 Obscured bow markings on
XXX**

**Figure 7 Obscured bow markings on
XXX**

Figure 8 Worn bow markings on XXX

Figure 9 Worn bow markings on XXX

**Figure 10 Obscured bow markings on
XXX**

8.2 Issues with Fishing Licence, Authorisation to Tranship, logbooks or VMS

No issues were noted with any vessel's ATF or VMS.

The following LSPLV logbooks lacked clear and consecutive page numbering:

XXX (Figure 11), XXX (Figure 14), XXX (Figure 15), XXX (Figure 16), XXX (Figure 17), XXX (Figure 18), XXX (Figure 19) and XXX.1 (Figure 20).

The logbook of XXX was printed and unbound (Figure 14).

The last entry in the logbook of XXX was 14/12/2014 (inspected 29/12/2014) (Figure 11). The last entry in the logbook of XXX was 20/12/2014 (inspected 03/01/2015) (Figure 12). The last entry in the logbook of XXX was 20/12/2014 (inspected 05/01/2015) (Figure 13). The last entry in the logbook of XXX was 22/01/2015 (inspected 31/01/2014) (Figure 19).

Figure 11 Logbook XXX - out-of-date and lacking clear, consecutive page numbering

Figure 12 Logbook XXX - out-of-date

Figure 14 Logbook of XXX printed and unbound, and lacking clear, consecutive page numbering

Figure 13 Logbook of XXX - out-of-date numbering

Figure 16 Logbook XXX - lacking clear, consecutive page numbering

Figure 17 Logbook of XXX - lacking clear, consecutive page numbering

Figure 18 Logbook of XXX - lacking clear, consecutive page numbering

Figure 19 Logbook of XXX – out-of-date and lacking clear, consecutive page numbering

Figure 20 Logbook of XXX out-of-date and lacking clear, consecutive page numbering

During inspection of XXX (Figure 21), XXX (Figure 22) XXX (Figure 23), XXX (Figure 24) XXX (Figure 25), XXX (Figure 26) and XXX (Figure 27), the observer was shown the Template of Authorisation Letter on At-Sea Transhipment of LSPLVs, but no Authorisation to Tranship specifying the relevant vessel details. During inspection of XXX (Figure 28) XXX (Figure 29), the observer was shown out-of-date ATTs. In both cases, the ATT was dated 28/10/2013 and indicated the expected CV for transhipment to be XXX

Figure 22 ATT cover letter shown by XXX

Figure 21 ATT cover letter shown by XXX

Figure 23 ATT cover letter shown by XXX

Figure 25 ATT cover letter shown by XXX

Figure 27 ATT cover letter shown by XXX

Figure 29 Out-of-date transshipment details shown XXX

Figure 24 ATT cover letter shown XXX

Figure 26 ATT cover letter shown by XXX

Figure 28 Out-of-date transshipment details shown by XXX

9 Other Observer Tasks.

9.1 CV waste disposal

Garbage collection points were situated throughout the CV; in corridors, the office, accomodations, the engine room and in recreational areas. Receptacles were clearly marked for different types of waste. Storage points were located in the hospital, the office and on the poop deck (Figure 30). A comminuter was located in the galley and an incinerator was located in the engine room. Waste was either stored until at-sea disposal outside restricted areas was possible (e.g. comminuted food waste) or until it was disposed of onshore. Garbage disposal procedures were recorded in a Garbage Record Book. Signs notifying the crew of the garbage disposal measures were prominently displayed throughout the vessel.

On one occasion, garbage including plastic and glass bottles was observed being discharged into the sea (Figure 31).

An oil slick was observed around the LSPLV XXX (Figure 32) during transshipment.



Figure 30 Waste storage drums on deck of CHIKUMA

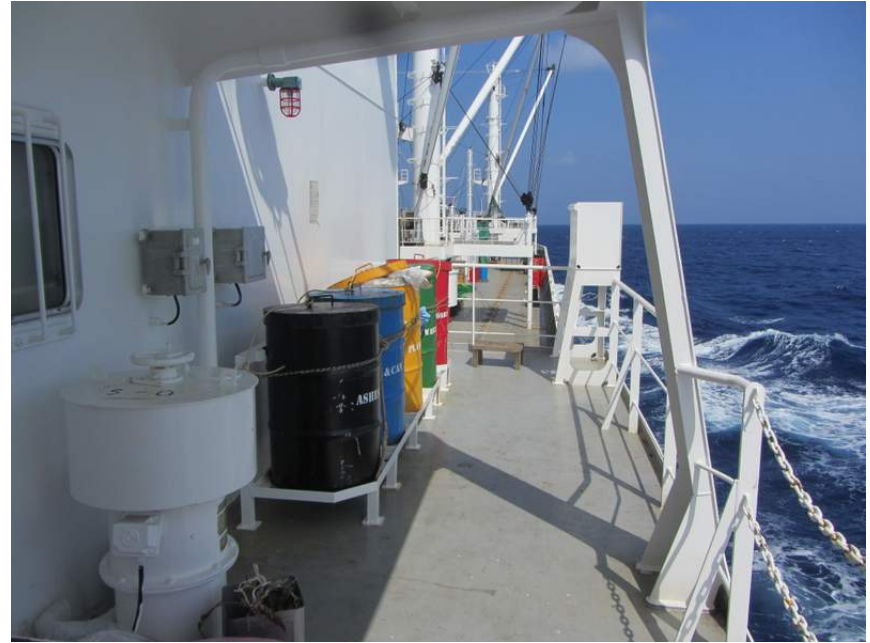


Figure 31 Waste discarded from CHIKUMA

Figure 32 Oil slick around XXX

9.2 Unidentified or IUU vessels

No IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
05/01/2015	09:00	05°59.587 S	003°02.461 W	<i>Stenella frontalis</i>	100 to 150 adults, 5 to 10 juveniles	Swimming around Vessels
07/01/2015	15:23	07°21.650 S	004°52.458 W	<i>Balaenoptera sp.</i>	1 adult	Heading 60°
09/01/2015	07:00	06°51.501 S	010°35.039 W	<i>Tursiops truncatus</i>	10 to 20 adults and 1 to 5 juveniles	Feeding
15/01/2015	12:00	04°59.730 S	020°12.162 W	<i>Stenella frontalis</i>	12 adults and 2 juveniles	LSPLV bow ride

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 10 Summary of transhipments.

No	Vessel Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% observed
38				No	05/02/15	16°53 N	025°00 W	03:04	100
39				No	05/02/15	16°53 N	025°00 W	03:15	100
40				No	06/02/15	16°53 N	025°00 W	06:35	100

Comments:

The vessel received a total of 283.620 tonnes of declared tuna and tuna like products during in-port transhipments from XXX registered LSPLVs at Mindelo, Cape Verde. Transhipments times ranged from 03:04 to 06:35 hours with an average time of 04:18 hours. The quantities transhipped in port ranged from 66.915 tonnes to 140.246 tonnes with an average of 94.540 tonnes. All transhipments were observed, but the LSTLVs were not inspected.

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		03/01/2015	10°38.364 S	004°40.514 E	Dry Cargo; Frozen Food; Oil Drum; Fuel	Yes
		03/01/2015	10°38.043 S	004°39.962 E	Dry Cargo; Frozen Food; Oil Drum; Fuel	Yes
		04/01/2015	08°00.837 S	000°47.141 W	Passenger Out	Yes
		05/01/2015	06°01.080 S	002°59.854 W	Bait; Dry Cargo; Frozen Food; Box; Fuel; Passenger In	Yes
		06/01/2015	04°40.143 S	002°19.140 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		07/01/2015	07°48.408 S	004°18.771 W	Bait; Frozen Food; Box; Fuel; Passenger In	Yes
		08/01/2015	05°56.780 S	006°29.456 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		09/01/2015	06°51.348 S	010°35.359 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		10/01/2015	07°07.347 S	010°35.867 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		11/01/2015	04°57.205 S	011°57.310 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		12/01/2015	05°23.270 S	018°41.198 W	Bait; Dry Cargo; Frozen Food; Box; Water	Yes
		13/01/2015	05°01.113 S	019°00.704 W	Bait; Dry Cargo; Frozen Food; Box; Water	Yes
		13/01/2015	04°59.310 S	019°04.526 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		14/01/2015	05°31.401 S	019°25.266 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum; Passenger Out	Yes
		15/01/2015	05°02.271 S	020°07.490 W	Bait; Dry Cargo; Frozen Food; Box	Yes
		15/01/2015	04°59.730 S	020°12.162 W	Bait; Dry Cargo; Frozen Food; Box	Yes
		16/01/2015	05°09.646 S	019°59.166 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		17/01/2015	05°19.934 S	019°59.731 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		18/01/2015	06°14.016 S	021°02.860 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum; Passenger In	Yes
		18/01/2015	06°12.031 S	021°15.633 W	Bait; Dry Cargo; Box; Passenger In	Yes
		19/01/2015	06°49.754 S	020°40.805 W	Bait; Dry Cargo; Frozen Food; Box	Yes
		20/01/2015	05°59.922 S	019°36.169 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		21/01/2015	05°14.526 S	017°49.490 W	Bait; Dry Cargo; Frozen Food; Box; Oil Drum	Yes

		21/01/2015	05°13.363 S	017°53.683 W	Bait;Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		22/01/2015	05°00.438 S	021°08.249 W	Bait;Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		23/01/2015	04°59.303 S	023°19.129 W	Dry Cargo; Frozen Food; Box; Oil Drum	Yes
		25/01/2015	04°36.756 S	029°18.758 W	Bait;Dry Cargo	Yes
		25/01/2015	04°32.766 N	029°22.503 W	Passenger In	Yes
		26/01/2015	06°30.271 N	029°59.501 W	Bait	Yes
		26/01/2015	06°29.626 N	030°00.893 W	Bait;Dry Cargo	Yes
		27/01/2015	09°29.733 N	032°31.670 W	Bait;Dry Cargo	Yes
		28/01/2015	09°09.275 N	032°55.318 W	Bait;Dry Cargo	Yes
		28/01/2015	09°04.086 N	032°59.815 W	Bait;Dry Cargo	Yes
		29/01/2015	09°59.602 N	035°21.321 W	Bait;Dry Cargo	Yes
		30/01/2015	10°14.434 N	032°01.995 W	Bait;Dry Cargo	Yes
		30/01/2015	10°09.838 N	032°05.870 W	Bait	Yes
		31/01/2015	10°17.284 N	032°44.226 W	Bait;Dry Cargo	Yes
		01/02/2015	07°47.770 N	029°38.155 W	Bait	Yes
		01/02/2015	07°43.598 N	029°44.699 W	Dry Cargo; Frozen Food; Passenger In	Yes
		02/02/2015	09°42.089 N	031°15.259 W	Fuel	Yes
		02/02/2015	09°39.321 N	031°18.676 W	Passenger Out	Yes
		05/02/2015	16°53.111 N	025°00.384 W	Bait;Dry Cargo; Frozen Food;	Yes
		06/02/2015	16°53.094 N	025°00.390 W	Dry Cargo; Frozen Food;	Yes
		08/02/2015	09°19.641 N	019°21.218 W	Bait;Dry Cargo; Frozen Food; Box; Oil Drum; Fuel	Yes

ICCAT

Observer Report



Trip Number:	163-14
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000VUT00019
Observer Name:	Mzwandile Silekwa
Cruise Dates:	From: 30/12/2014 To: 04/03/2015

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha LTD and CapFish, Mzwandile Silekwa (ROP no. 106) joined the Vanuatu registered Carrier Vessel (CV) Taisei Maru No.15 (ROP No AT000VUT00019) as the ROP observer. The observer monitored the transshipments of tuna, and tuna-like species in the Atlantic Ocean from 30/12/2014 to 04/03/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	YJTJ8
Port of registration:	Port Villa	Flag State:	Vanuatu
Owner:	Ocho Dorado Shipping S.A	Charterer:	Taisei Maru Kaiun Kaisha LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7 M³
Size (GRT):	4993 Ton	Length (LOA):	124.25 m
On-board acoustic equipment:		JRC JFE-570S (ECHO SOUNDER)	
Position fixing equipment:		JRC JLR-7700MK II (2)	
Vessel monitoring system (present):		JRC JUE-95 VM and CLS RS-232S	
Radar:		JMA-9833-SA and JMA-7700 Series	
Communications equipment:		HF: JRC JSS-800 VHF: JRC JHS-32A INMARSAT B and C	
Plotters:		JRC JMA-7700	
Tuna products already on board (Quantity)		None	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	30/12/2014
Method of embarkation*	Portside
Date of departure	31/12/2014
Date of first transshipment	05/01/2015
Date of last transshipment	25/02/2015
Date of return	04/03/2015
Date of disembarkation	04/03/2015
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

4.1 Logistics and Areas of Activity

The vessel made a total of 38 transhipments at sea, four in port Grande, Cape Verde and one in Walvis Bay, Namibia. The locations for the transhipments made at sea are shown in details in Figure 1 and the numbers received by nationality of vessel are given in Table 1. Those made within port limits are shown in appendix B, table 12.

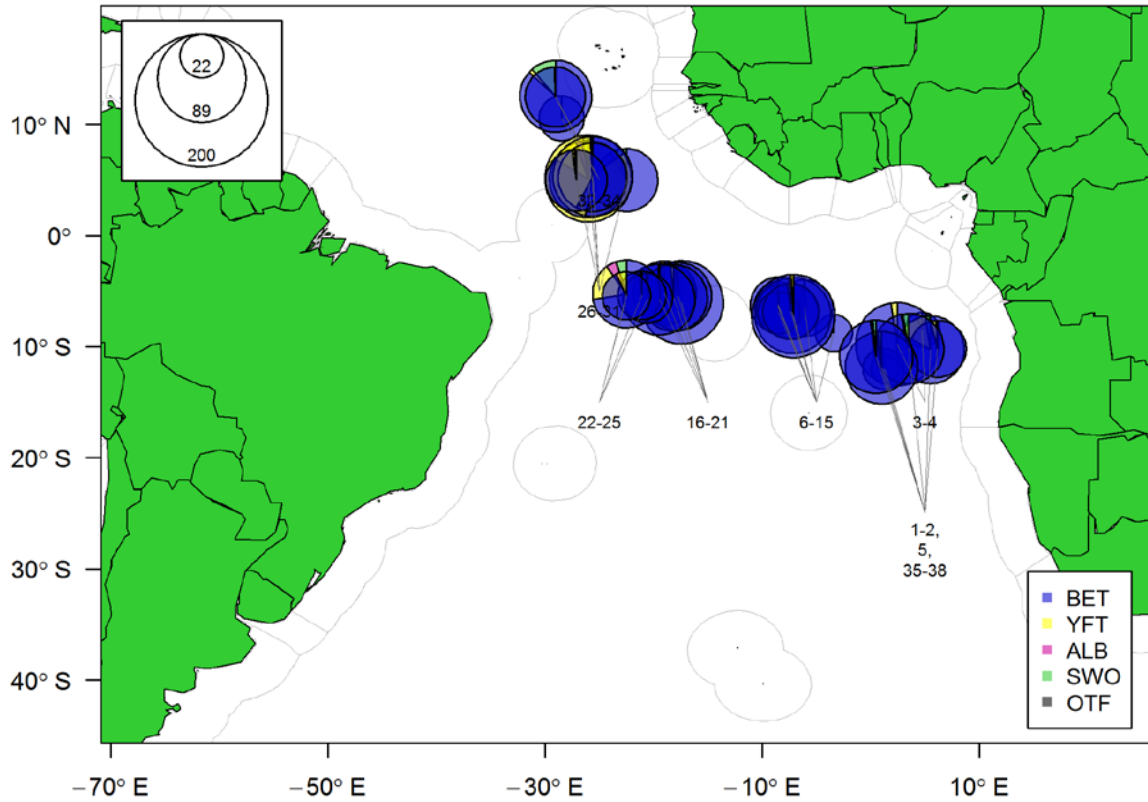


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	22
	15

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transhipment time	% Observed
1				05/01/15	10°16.582 S	005°29.16 E	02:40	100.00%
2				06/01/15	10°11.934 S	006°09.611 E	06:45	97.53%
3				07/01/15	08°29.606 S	004°43.719 E	05:05	100.00%
4				09/01/15	09°46.624 S	002°26.512 E	05:40	100.00%
5				11/01/15	10°10.779 S	003°29.179 E	04:35	100.00%
6				14/01/15	08°46.871 S	003°24.424 W	03:20	100.00%
7				15/01/15	06°31.203 S	006°06.226 W	02:10	100.00%
8				16/01/15	06°54.166 S	007°15.142 W	03:25	100.00%
9				16/01/15	06°49.671 S	007°22.956 W	03:30	100.00%
10				17/01/15	07°15.526 S	007°07.867 W	01:00	100.00%
11				17/01/15	07°11.069 S	007°11.132 W	02:45	100.00%
12				18/01/15	06°58.246 S	008°29.835 W	01:40	100.00%
13				19/01/15	06°19.929 S	008°31.106 W	01:35	100.00%
14				19/01/15	06°14.554 S	008°32.439 W	02:05	100.00%
15	TAI 1	AT000BLZ00042	Belize	20/01/15	06°26.704 S	008°32.425 W	00:55	100.00%
16				22/01/15	06°01.006 S	017°25.663 W	04:30	100.00%
17				23/01/15	05°10.489 S	019°00.462 W	00:55	100.00%
18				23/01/15	05°09.146 S	019°02.468 W	02:15	100.00%
19				24/01/15	05°27.888 S	017°47.681 W	05:10	100.00%
20				25/01/15	05°37.155 S	018°07.951 W	04:40	100.00%
21				26/01/15	05°45.125 S	019°29.029 W	02:40	100.00%
22				27/01/15	05°38.452 S	020°34.311 W	03:50	100.00%
23				28/01/15	05°23.706 S	021°04.919 W	03:30	100.00%
24				29/01/15	05°25.6 S	022°30.833 W	03:30	100.00%
25				30/01/15	05°15.403 S	022°30.565 W	03:40	100.00%
26				01/02/15	04°59.04 N	022°31.92 W	03:05	100.00%
27				02/02/15	05°07.831 N	026°01.764 W	01:40	100.00%
28				02/02/15	05°04.234 N	026°03.71 W	01:15	100.00%
29				03/02/15	05°19.154 N	025°37.194 W	02:05	100.00%
30				03/02/15	05°14.123 N	025°38.73 W	00:45	100.00%
31				04/02/15	04°56.979 N	027°07.789 W	06:25	100.00%

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Transshipment time	% Observed
32				06/02/15	10°32.79 N	028°28.74 W	03:30	100.00%
33				07/02/15	12°31.59 N	029°01.455 W	02:00	100.00%
34				07/02/15	12°27.96 N	029°04.225 W	00:35	100.00%
35				22/02/15	10°54.01 S	000°29.62 E	01:25	100.00%
36				23/02/15	11°53.629 S	000°58.379 E	03:25	100.00%
37				24/02/15	12°00.042 S	001°18.239 E	03:20	100.00%
38				25/02/15	11°59.919 S	001°09.512 E	03:20	100.00%

Comments: The observer did not monitor the full duration of transshipment number 2. Due to the duration of the transshipment the observer took 10 a minute break for lunch.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	53.637	62.934	2.059	1.906	6.695	3.682	5.010	4.295	67.401	72.817	5.420	7.44%
2	11.418	19.540	97.998	107.689	3.369	2.640	3.881	4.398	116.665	134.267	17.600	13.11%
3	76.502	86.029	8.433	11.499	2.306	2.208	6.917	6.173	94.158	105.909	11.750	11.10%
4	50.579	58.425	49.263	51.064	0.792	0.620	4.189	4.134	104.823	114.243	9.420	8.25%
5	43.719	47.033	27.823	33.754	1.350	0.756	6.295	1.695	79.187	83.238	4.050	4.87%
6	64.308	63.924	0.650	0.827	0.615	0.615	0.000	0.000	65.573	65.366	-0.210	-0.32%
7	34.101	35.000	0.000	0.026	0.000	0.000	0.000	0.000	34.101	35.026	0.930	2.64%
8	74.308	77.542	2.782	1.627	8.930	10.309	0.000	0.000	86.020	89.478	3.460	3.86%
9	57.491	62.000	0.176	0.235	0.000	0.000	0.000	0.000	57.667	62.235	4.570	7.34%
10	22.900	23.725	0.000	0.000	0.000	0.000	0.000	0.000	22.900	23.725	0.830	3.48%
11	56.838	55.000	0.189	0.236	0.000	0.000	0.000	0.000	57.027	55.236	-1.790	-3.24%
12	47.234	46.834	0.135	0.338	0.000	0.000	0.000	0.000	47.369	47.172	-0.200	-0.42%
13	39.252	39.875	0.111	0.167	0.000	0.000	0.000	0.000	39.363	40.042	0.680	1.70%
14	49.984	53.043	0.182	0.227	0.000	0.000	0.000	0.000	50.166	53.270	3.100	5.83%
15	31.478	32.000	0.104	0.260	0.000	0.000	0.000	0.000	31.582	32.260	0.680	2.10%
16	95.113	97.924	1.799	2.076	0.000	0.000	0.000	0.000	96.912	100.000	3.090	3.09%
17	28.583	30.359	0.000	0.195	0.000	0.000	0.000	0.000	28.583	30.554	1.970	6.45%
18	50.867	52.995	0.968	1.016	0.000	0.000	0.000	0.000	51.835	54.011	2.180	4.03%
19	112.923	118.659	0.722	1.341	0.000	0.000	0.000	0.000	113.645	120.000	6.360	5.30%
20	122.481	117.500	0.455	2.500	0.000	0.000	0.000	0.000	122.936	120.000	-2.940	-2.45%
21	66.443	69.249	0.578	0.751	0.000	0.000	0.000	0.000	67.021	70.000	2.980	4.26%
22	70.707	68.926	0.424	1.272	0.000	0.000	0.000	0.000	71.131	70.198	-0.930	-1.33%
23	75.876	79.252	0.205	0.716	0.000	0.000	0.000	0.000	76.081	79.968	3.890	4.86%
24	71.454	75.544	1.207	1.334	0.000	0.000	0.000	0.000	72.661	76.878	4.220	5.49%
25	83.368	87.412	0.287	0.319	0.000	0.000	0.000	0.000	83.655	87.731	4.080	4.65%
26	57.836	57.391	14.106	14.012	3.451	3.935	2.573	4.662	77.966	80.000	2.030	2.54%
27	38.526	42.322	0.188	0.226	0.000	0.000	0.000	0.000	38.714	42.548	3.830	9.01%
28	37.367	40.225	0.448	0.523	0.000	0.000	0.000	0.000	37.815	40.748	2.930	7.20%
29	43.089	37.064	1.835	2.936	0.000	0.000	0.000	0.000	44.924	40.000	-4.920	12.31%
30	17.834	19.800	1.517	1.300	0.000	0.000	0.000	0.000	19.351	21.100	1.750	8.29%
31	110.257	116.894	4.729	3.106	0.000	0.000	0.000	0.000	114.986	120.000	5.010	4.18%
32	65.718	66.078	6.585	11.363	2.690	1.981	0.000	0.000	74.993	79.422	4.430	5.58%
33	48.100	53.429	2.477	1.798	0.443	0.443	0.699	0.810	51.719	56.480	4.760	8.43%
34	14.000	14.000	0.000	0.000	0.000	0.000	0.000	0.000	14.000	14.000	0.000	0.00%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
35	30.360	27.500	0.500	1.000	0.067	0.500	0.900	1.000	31.827	30.000	-1.830	-6.09%
36	82.731	82.433	0.173	0.430	1.895	2.328	4.594	4.455	89.393	89.646	0.250	0.28%
37	87.552	88.516	0.126	0.607	2.340	1.477	2.121	2.121	92.139	92.721	0.580	0.63%

Comments:

In transshipment number 2. The observer took 10 minutes break for lunch due to the duration of the transshipment which was almost 7 hours. A change in the transshipment rate may have caused the difference.

In transshipment number 3. The vessel was transferring massive mixed strings of small fish making an accurate estimation very difficult.

In transshipment number 29. The LSPLV declared 48 specimens of *Thunnus albacares*. During observation the cold air formed a vapour cloud around the strings making it difficult to identify the species.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4 and a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	5.26	0.21%	0.24	0.01%
Albacore	<i>Thunnus alalunga</i>	All	5.61	0.22%	7.70	0.29%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	26.15	1.04%	25.65	0.98%
Bigeye tuna	<i>Thunnus obesus</i>	All	2210.49	87.88%	2297.00	87.48%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	0.02	0.00%	0.02	0.00%
Opah	<i>Lampris guttatus</i>	All	1.90	0.08%	2.44	0.09%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	1.57	0.06%	1.36	0.05%
Swordfish	<i>Xiphias gladius</i>	All	37.56	1.49%	32.88	1.25%
Wahoo	<i>Acanthocybium solandri</i>	All	0.25	0.01%	0.24	0.01%
Yellowfin tuna	<i>Thunnus albacares</i>	All	227.39	9.04%	259.51	9.88%

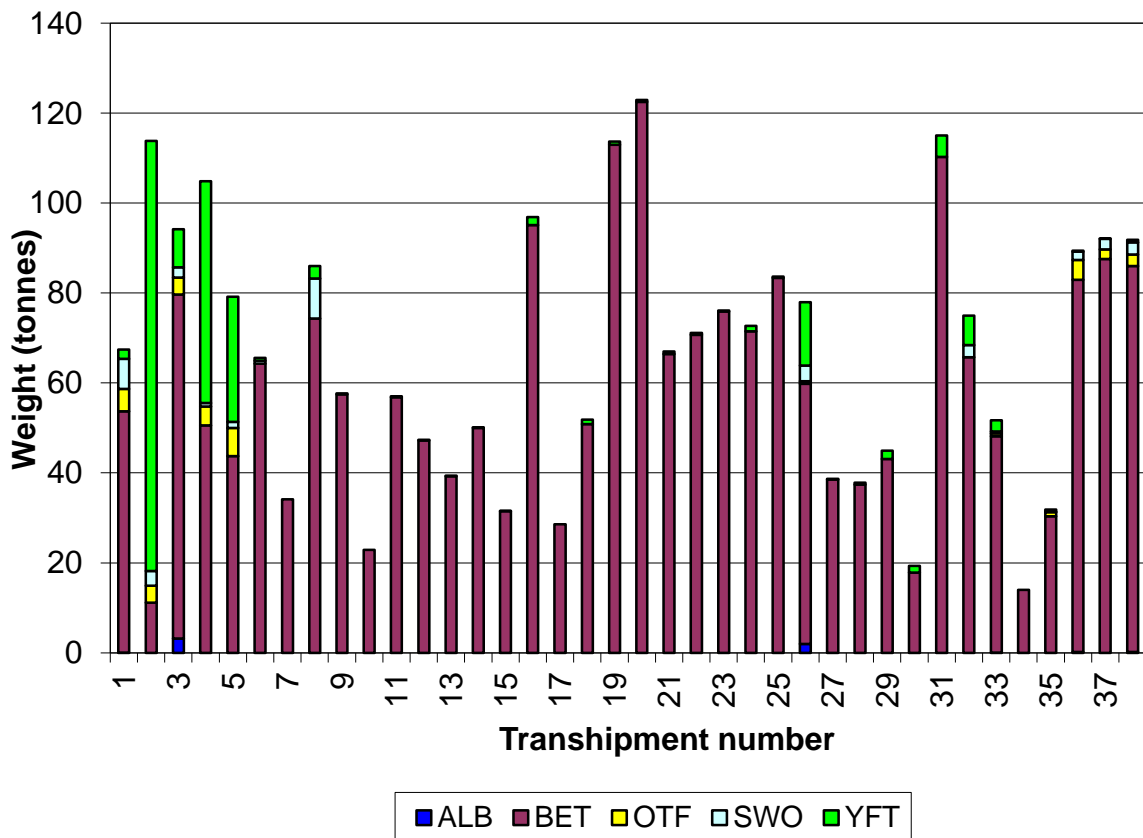


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other		23.71
Albacore	<i>Thunnus alalunga</i>	15.07
Atlantic blue marlin	<i>Makaira nigricans</i>	122.19
Bigeye tuna	<i>Thunnus obesus</i>	56.31
Butterfly kingfish	<i>Gasterochisma melampus</i>	18.00
Opah	<i>Lampris guttatus</i>	11.18
Shortfin mako	<i>Isurus oxyrinchus</i>	20.88
Swordfish	<i>Xiphias gladius</i>	51.38
Wahoo	<i>Acanthocybium solandri</i>	10.12
Yellowfin tuna	<i>Thunnus albacares</i>	37.13

Comments:

Bigeye (*T. obesus*) and yellowfin (*T. albacares*) were the dominant species transhipped. The main product type for the two species was gilled and gutted (GG). Swordfish (*X. gladius*) was the third most transferred specie, mostly the product code for *X. gladius* was dressed (DR) with head cut off. A small number of filleted (FL) specimen of *X. gladius* were observed during the.

A thumb counter was used to estimate the numbers transferred per string. The numbers observed were cross checked with the numbers declared by the LSPLV.

The carrier vessel made use of a hook scale that was used to estimate the total weight of the products transhipped.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on all the vessels intending to tranship.

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	05/01/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	04/01/2015
2			Yes	06/01/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/12/2014
3			Yes	07/01/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/12/2014
4			Yes	09/01/15	Yes	Yes	No	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	08/01/2015
5			Yes	11/01/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	10/01/2015
6			Yes	14/01/15	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	13/01/2015
7			Yes	15/01/15	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	14/01/2015
8			Yes	16/01/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/10/2015
9			Yes	16/01/15	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Y	Yes	Yes	Yes	PB	15/01/2015
10			Yes	17/01/15	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Y	Yes	Yes	Yes	PB	16/01/2015
11			Yes	17/01/15	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Y	Yes	Yes	Yes	PB	17/01/2015
12			Yes	18/01/15	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Y	Yes	Yes	Yes	PB	17/01/2015
13			Yes	19/01/15	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Y	Yes	Yes	Yes	PB	18/01/2015
14			Yes	19/01/15	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Y	Yes	Yes	Yes	PB	18/01/2015
15			Yes	20/01/15	Yes	Yes	Yes	Yes	Yes	01/06/15	Yes	Y	Yes	Yes	Yes	PU	19/01/2015
16			Yes	22/01/15	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Y	Yes	Yes	Yes	PB	19/01/2015
17			Yes	23/01/15	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	21/01/2015
18			Yes	23/01/15	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	22/01/2015
19			Yes	24/01/15	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Y	Yes	Yes	Yes	PB	23/01/2015
20			Yes	25/01/15	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Y	Yes	Yes	Yes	PB	25/01/2015
21			Yes	26/01/15	Yes	Yes	Yes	Yes	Yes	28/02/15	Yes	Y	Yes	Yes	Yes	PB	26/01/2015
22			Yes	27/01/15	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Y	Yes	Yes	Yes	PB	26/01/2015
23			Yes	28/01/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	28/01/2015
24			Yes	29/01/15	Yes	Yes	Yes	Yes	Yes	08/08/15	Yes	Y	Yes	Yes	Yes	PB	28/01/2015
25			Yes	30/01/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	29/01/2015
26			Yes	01/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/01/2015
27			Yes	02/02/15	Yes	Yes	Yes	Yes	Yes	06/04/15	Yes	Y	Yes	Yes	Yes	PB	02/01/2015

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
28			Yes	02/02/15	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Y	Yes	Yes	Yes	PB	02/01/2015
29			Yes	03/02/15	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	02/03/2015
30			Yes	03/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	02/02/2015
31			Yes	04/02/15	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Y	Yes	Yes	Yes	PB	02/03/2015
32			Yes	06/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/01/2015
33			Yes	07/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	02/06/2015
34			Yes	07/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	02/06/2015
35			Yes	22/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	21/02/2015
36			Yes	23/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	02/10/2015
37			Yes	24/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	23/02/2015
38			Yes	25/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	24/02/2015

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments:

The observer made 8 Potential Non Compliance (PNC) reports. The LSPLVs concerned are listed below.

In transshipment number 2, the logbook not bound and not up to date. The pages were kept together with a string. The LSPLV master wanted to complete the logbook during inspection. The last entry was on the 31/12/2014.

In transshipment number 3, the logbook was not up to date. The last entry date was the 31/12/2014. Pages were kept in a file.

In transshipment number 8, the logbook was not up to date. The last entry date was the 10/01/15. Clear pages were printed from the electronic and were completed by hand. Page number was filled in when the observer was explaining the PNC form to the captain.

In transshipment number 16, the logbook was not up to date. The last entry date was the 19/01/15.

In transshipment number 17 the logbook was not up to date. The last entry was on the 21/01/15.

In transshipment number 30, the logbook was not bound. It was loose pages kept in plastic sleeve. The page number was filled in during explanation of the PNC to the captain.

In transshipment number 32, the logbook was not up to date and pages were not numbered. The last entry in the logbook was on the 31/01/15. The captain explained that the entries to the logbook were completed on 10 day period.

In transshipment number 36, the logbook was not bound and entries were not up to date. The last entry to the logbook was on the 10/02/15. The LSPLV captain explained that daily activities were sent to the fishing company to compile the logbook. In return a complete 10 day period logbook would be emailed back to the ship.

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			The LSPLV kept an electronic logbook on a Microsoft Excel spreadsheet. Printouts were made for inspection purposes. Therefore the logbook was not bound and the pages were numbered by hand in hand writing.
2			The LSPLV kept an electronic logbook on a Microsoft Excel spreadsheet. Printouts were made for inspection purposes. Therefore the logbook was not bound. The pages were numbered. The logbook was not up to date with the last entry made on 31/12/2014. When the observer asked the master of the LSPLV for the last date entries of the logbook, the LSPLV captain said he was only going to complete it at that moment. A PNC report was completed. The observer explained it to the captain and a copy was issued.
3			The LSPLV kept an electronic logbook and pages were printed and kept in a file for inspection purposes. The pages were not numbered. The last entry of the logbook was 31/12/2014. The observer asked for the pages after this date but these have not been completed. A PNC form was completed and issued to the LSPLV captain. The observer and the CV Chief Officer explained the PNC form and the LSPLV captain understood.
4			<p>The LSPLV displayed the National Registration Number (NRN) [with slight difference to]the NRN on ICCAT vessel list</p> <p>Figure 3 NRN markings of the LSPLV</p> <p>The LSPLV kept an electronic logbook. The pages were printed for inspection. The last page inspected was numbered with "31-①".</p>
5			The LSPLV kept an electronic logbook. The pages were printed for inspection purposes. The last page of the log completed was numbered as "8-①". The LSPLV name was only displayed in Japanese characters on the stern.
6			No comment.
7			The LSPLV was fitted with two VMS units – an Argos SEIMAC FVT-G and an INMARSAT C TRIMBLE GALAXY. Both were switched on during inspection.

TS No.	Vessel Name	ICCAT No.	Comments
8			<p>The LSPLV kept an electronic logbook. The pages were printed for inspection. The logbook was not up to date and the last page was marked with page no 40-3. The last entry date was the 10/01/2015. The pages were not bound - they were tied together with a string.</p> <p>A PNC form was completed and a copy was issued to the LSPLV captain.</p>
9			<p>The logbook was printed and bound. Pages were numbered in the top right corner. The last entry was on the 15/01/2015.</p>
10			<p>No comment.</p>
11			<p>The vessel was fitted with two VMS units - an ARGOS SEIMAC FVT-G and INMARSAT C TRIMBLE GALAXY. Both units were switched on during inspection. The SEIMAC FVT-G was connected to a power switch.</p> <p>Figure 4 VMS of the LSPLV</p> <p>The version of the vessel's name displayed on the bow appeared to be different from what was displayed on the stern.</p>
12			<p>No comment.</p>
13			<p>The vessel was fitted with two VMS units. Both were INMARSAT C THRANE AND THRANE 3022D units. One unit was switched off during inspection. One photograph of the unit switched on was taken.</p>
14			<p>No comment.</p>
15			<p>The fishing logbook was printed and not bound. The pages were not numbered with sequential page numbers.</p>
16			<p>The logbook was printed and bound. The pages were numbered in the top right corner. The entries of the logbook were not up to date. The last entry was on the 19/01/2015. A PNC form was completed for the logbook not being up to date and the observer explained the PNC to the master of the LSPLV.</p>
17			<p>The logbook was printed and bound with glue strip and the pages were numbered. The entries were not up to date. The last entry was on the 21/01/2015. A PNC was completed, issued and explained to the LSPLV captain.</p>

TS No.	Vessel Name	ICCAT No.	Comments
18			<p>The word xx on the stern of the LSPLV was worn away and only slightly visible at close range.</p> <p>Figure 5 Stern markings of the LSPLV</p>
19			<p>The LSPLV was fitted with two VMS units - an INMARSAT C TRIMBLE GALLAXY and ARGOS SEIMAC FVT-G. Both VMS were switched on during inspection.</p>
20			<p>The VMS was connected to a power switch that was switched on during inspection.</p> <p>Figure 6 VMS of the LSPLV</p>
21			<p>The vessel was fitted with two VMS units. Both units were INMARSAT C THRANE and THRANE 3022D. Both were switched on during inspection. Only one photograph was taken.</p>
22			<p>During inspection, the LSPLV captain informed the observer the LSPLV would tranship 68.926 tons. This appeared to be only the total of the big eye tuna as reflected on the transshipment declaration. The TD also reflected a total of 1.272 tons of yellowfin tuna which brought the total to 70.198</p>
23			<p>The LSPLV was fitted with two VMS units - one ARGOS SEIMAC FVT-G unit and one INMARSAT C THRANE AND THRANE unit. Both VMS were switched on during inspection.</p> <p>The vessel's previous name was still visible (the name weld marks) on the stern and the bow even though the names were painted over.</p>
24			<p>The words "CHIN" and "HSIANG" were not separated by a space on the name markings of the bow. On the stern the correct spacing was applied between the words "CHIN" and "HSIANG". The observer judged the name markings to be sufficiently similar to the name provided in the ICCAT list to be recorded as the same as ICCAT.</p> <p>The bow markings (vessel name and the NRN) were also somewhat covered with fouling and were not clearly visible at longer distances.</p> <p>Figure 7 Bow markings of the LSPLV</p> <p>The logbook was printed and bound. Pages were numbered. The entries were up to date.</p>

TS No.	Vessel Name	ICCAT No.	Comments
25			The weld marks of the vessel name was still clearly visible on the bow and the stern of the LSPLV. The current LSPLV name have been painted on the hull but new weld marks have not been applied.
26			The vessel kept an electronic logbook. The pages were printed out for inspection purposes. The last entry date was on 31/01/2015. Pages were numbered in black ink and the last page was numbered 16-①.
27			The LSPLV name on the bow was partially obscured by the fouling on the hull of the vessel. The ATF indicated the expiry date as 05/12/2014. However, the ATF contained and printed remark to indicate that the ATF had been extended to "4th June 2015". The observer was not able to determine if this amendment was legitimate or not. The previous port of registration, BELIZE, was still visible as weld marks on the stern of the vessel.
28			No comment.
29			No comment.
30			The logbook was printed and kept in a plastic sleeve. The last page was marked as "11". The pages were not numbered with printed sequential numbers and not bound. A PNC was completed, issued to the master of the LSPLV and explained.
31			No comment.
32			The vessel kept an electronic logbook. The pages were printed for inspection. The logbook was not up to date. The last entry was on the 31/01/2015. When asked, the LSPLV captain explained that he only made entries to the logbook after every 10 day period. A PNC form regarding the logbook was issued and explained to the LSPLV captain.
33			The vessel kept an electronic logbook. The pages were printed out for inspection. Entries were up to date with the last entry on the 06/02/2015.
34			The LSPLV kept an electronic logbook. The pages were printed and kept in a file for inspection. The entries were up to date. The vessel used an unusual VMS unit. An INMARSAT C program in a small computer. The VMS ID number was ID: 443230610.
35	TOEI MARU No. 6	AT000JPN00337	The vessel kept an electronic logbook. The pages were printed for inspection and the pages were kept in a hard file. The pages were numbered and entries were up to date.

TS No.	Vessel Name	ICCAT No.	Comments
36			<p>The vessel kept an electronic logbook. The pages were printed out for inspection. The entries were not up to date. The last entry was on the 10/02/2015. According to the LSPLV captain, the daily log entries were sent to the fishing company where the logbook entries were compiled on 10 day period and emailed back to the vessel.</p> <p>A PNC form was issued and explained to the LSPLV captain.</p> <p>The VMS was switched on during inspection. It was connected to a power switch that was switched on.</p> <p>Figure 8 VMS of the LSPLV</p>
37			<p>The vessel kept an electronic logbook and the pages were printed out for inspection. The entries were up to date. The last entry date was on 23/02/2015.</p> <p>The LSPLV was fitted with two VMS units - one ARGOS MAR GE and FURUNO INMARSAT MINI-C. Both were functioning and the power lights were on during inspection. The ARGOS was not fixed to the bulkhead. It was kept on a desk next to a power supply unit.</p> <p>The vessel's name displayed on the bow [with no space between the words]. On the stern of the LSPLV the name was displayed as xx. The ATF displayed the LSPLV name as x and the ICCAT vessel list provided the name as y</p>
38			<p>The LSPLV kept an electronic logbook and the pages were printed and kept in a file for inspection. The pages were numbered and the entries were up to date.</p> <p>The VMS was switched on during inspection.</p> <p>The vessel's IRCS was not displayed on the sides of the vessel. The IRCS was only displayed on the bow deck. Therefore the IRCS was only visible when viewed from above.</p> <p>The vessel's name displayed on the bow [with no space between the words]. On the stern of the LSPLV the name was displayed as xx. The ATF displayed the LSPLV name as x and the ICCAT vessel list provided the name as y</p>

8.1 Verifying vessel names/RFMO number and National Registration Number.

Transshipment number 4. The LSPLV displayed the NRN with difference to (Figure 3). the NRN provided in the ICCAT vessel list.

8.2 Issues with Fishing Licence, logbooks or VMS

Transshipment 27. The ATF of the xx indicated the expiry date as 05/12/2014. However, the ATF contained and printed remark to indicate that the ATF had been extended to "4th June 2015" (Figure 7). The observer was not able to determine if this amendment was legitimate or not.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV used oil drums to separate waste generated during the voyage. Different colours were used to indicate which waste item goes into which drum. An incinerator was used to burn cardboard boxes and papers. The ashes were kept in one of the drums for shore disposal. The following two photographs show the drums used and the incinerator.



Figure 9 Waste disposal on board the CV

9.2 Unidentified or IUU vessels

No IUU vessels were sighted during this voyage.

9.3 Marine mammals.

Common dolphins (*Delphinus delphis*) were sighted in position 10° 53.113'S and 001° 03.449'W at 17:25 UTC on the 12/01/15. The mammals were swimming alongside the CV as it drifted. Four of the animals sighted were accompanied by a calf.

A pod of three to five dolphins was sighted on the 30/01/15 in position 05° 15.403'S and 022° 30.565'W at 09:15 UTC time. The behaviour suggested feeding, as the animals were jumping up and making splashes in the same spot.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
12/01/15	17:25	10 53.113'S	001 03.499'W	Common Dolphin (<i>Delphinus delphis</i>)	4	Swimming around in no specific direction.
30/01/15	10:15	05 15.403'S	022 30.565'W	Atlantic Spotted Dolphin (<i>Stenella frontalis</i>)	3-5	The mammals appeared to be feeding on a school of fish. They were jumping up and making huge splashes.
28/02/15	18:00	21 45.180'S	013 02.796'E	Cape fur seal (<i>Arctocephalus pusillus</i>)	1	Swimming along with the vessel.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix Non ICCAT ROP Transhipments

No	Vessel	ROP Number	Date	Lat	Long	Comments
01			05/01/15	10 05.451'S	005 24.122'E	Transferred fuel, bait and provisions.
02			08/01/15	10 07.289'S	003 27.004'E	Transferred bait and dry provisions.
03			08/01/15	10 00.217'S	003 29.162'E	Transferred fuel.
04			12/01/15	10 59.382'S	001 00.892'W	Transferred fuel and food supplies
05			12/01/15	10 54.987'S	001 02.415'W	Transferred fuel and dry cargo
06			13/01/15	08 33.907'S	001 53.246'W	Transferred fuel and dry cargo
07			15/01/15	06 32.370'S	006 39.513'W	Transferred fuel and dry cargo
08			27/01/15	05 39.341'S	020 33.545'W	Transferred dry cargo
09			01/02/15	04 59.750'N	022 30.154'W	Transferred dry cargo
10			06/02/15	10 27.262'N	028 33.596'W	Gas tanks
11			16/02/15	08 00.866'N	022 58.164'W	Fuel
12			16/02/15	07 57.584'N	022 57.097'W	Fuel
13			22/02/15	10 50.210'S	000 28.190'E	Fuel

Appendix 2 12 In-Port transhipments in Port Grande, Cape Verde and Walvis Bay, Namibia.

No.	DATE	LSPLV	ICCAT No.	LOCATION		FLAG	Transhipped fish (Mt's)					
				LAT.	LONG.		BFT	BET	YFT	ALB	SWO	OTF
01	09/02/15			16 53.149'N	025 00.487'W		52.22	58.91	0.71	0.74	6.55	0.25
02	10/02/15			16 53.149'N	025 00.487'W		52.02	53.96	1.67	0.00	11.92	0.19
03	11/02/15			16 53.149'N	025 00.487'W		52.24	51.68	0.30	1.18	14.96	0.00
04	12/02/15			16 53.149'N	025 00.487'W		52.13	48.78	1.24	2.01	15.76	0.00
05	01/03/15			22 52.930'S	014 28.820'E		00.00	61.77	0.98	0.00	0.16	0.00

Comments:

The CV conducted four (1-4) transhipments in of Port Grande, Cape Verde and one transhipment in Walvis Bay, Namibia. The transhipments were monitored by the local fisheries inspectors. All transhipments were conducted on anchor within the port limits. Position 16° 53.149'N and 025° 00.487'W in Cape Verde and position 22° 52.930'S and 014° 28.820'E in Namibia. The CV came alongside on the 13/02/15 for bunkering and left Port Grande on the 14/02/15 at 08:30.

ICCAT

Observer Report



Trip Number:	164
Vessel Name:	Haru
ICCAT Ref. No.	AT000VUT00023
Observer Name:	Taylan Tolga Koken
Cruise Dates:	From: 07/02/2015 To: 22/03/2015

1 Cruise Summary

In accordance with the bilateral agreement between TOEI Reefer and Marine Resources Assessment Group, Taylan Tolga Koken (ICCAT ID# 101) joined the Republic of Vanuatu registered Carrier Vessel (CV) Haru (ICCAT ID# AT000VUT00023) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 07/02/2015 to 22/03/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish tuna and tuna like species in the ICCAT area;
- Check and note the total quantity of catch on board, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine logbooks;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	M/V Haru	Call sign:	YJSU3
Port of registration:	Port Vila	Flag State:	Republic of Vanuatu
Owner:	World Fish Enterprise Co. Ltd. / Taiwan	Charterer:	TOEI Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,650 MT
Size (GRT):	4,521 MT	Length (LOA):	120.7 M
Position fixing equipment:	FURUNO GP-150 KODEN KGP-913		
Vessel monitoring system (present/absent):	Present		
Radar:	2 x TOKIMEC BR-2520C		
Communications equipment:	VHF – 2 X FURUNO FM-8700 VHF – FURUNO FS-1562-15 M/HF – FURUNO DSC-60 Inmarsat-C JRC JUE-95VM		
Plotters:	TOKIMEC PR-6000-E		
Tuna products already on board (Quantity)	807.399 t		

3 Embarking / Disembarking on / from Carrier Vessel

*(portside, transfer vessel in port, transfer vessel offshore)

Port of departure	Cape Town, South Africa
Date of embarkation	07/02/2015
Date of departure	07/02/2015
Method of embarkation	Portside
Date of first transshipment	13/02/2015
Date of last transshipment	13/03/2015
Port of return	Cape Town, South Africa
Date of return	22/03/2015
Date of disembarkation	22/03/2015
Method of disembarkation	Portside

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 25 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

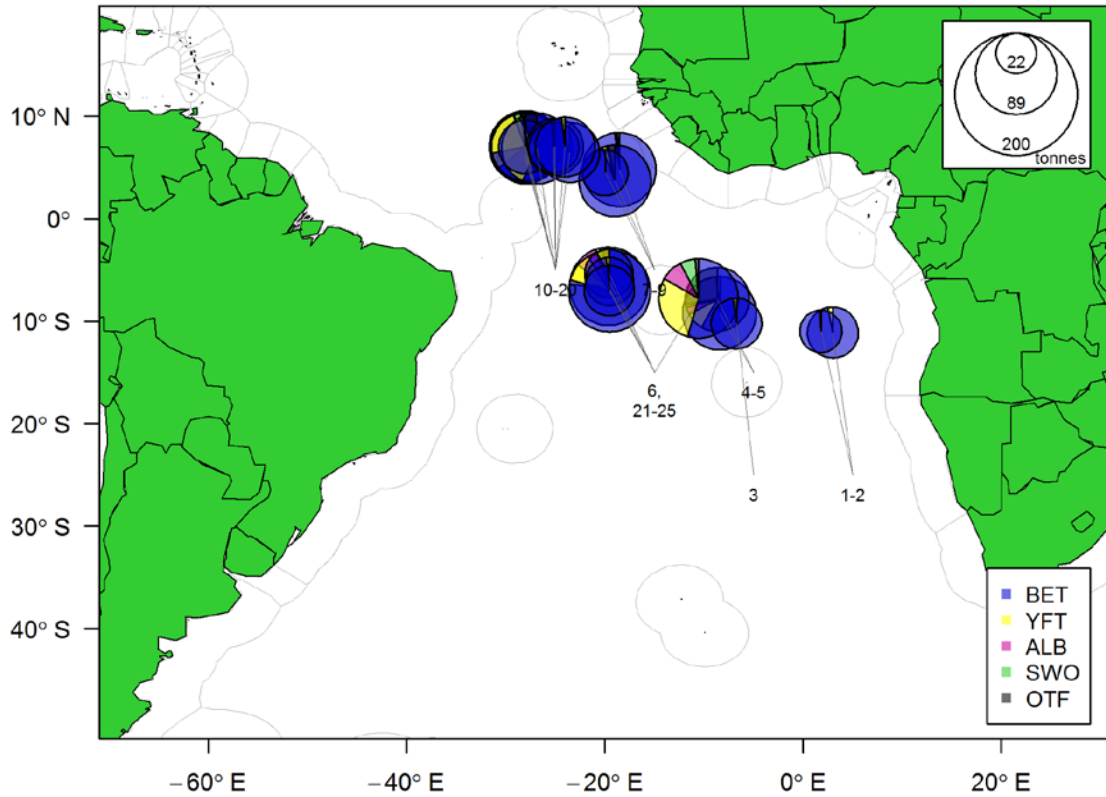


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	14
XXX	10

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	13/02/2015	11°06.894 S	002°59.338 E	04:54	100
2				Yes	14/02/2015	10°59.54 S	001°47.482 E	04:42	100
3				Yes	17/02/2015	10°13.614 S	006°43.685 W	02:05	100
4				Yes	18/02/2015	09°13.307 S	008°26.35 W	01:16	100
5				Yes	19/02/2015	07°52.116 S	008°40.066 W	02:28	100
6				Yes	20/02/2015	07°47.485 S	010°32.681 W	06:51	100
7				Yes	23/02/2015	04°47.094 N	018°33.385 W	05:21	100
8				Yes	24/02/2015	03°40.757 N	018°58.781 W	05:04	100
9				Yes	25/02/2015	04°28.675 N	019°57.858 W	05:43	100
10				Yes	27/02/2015	06°07.993 N	028°06.003 W	01:50	100
11				Yes	28/02/2015	06°09.309 N	028°00.807 W	04:42	100
12				Yes	01/03/2015	06°59.561 N	027°59.976 W	03:36	100
13				Yes	02/03/2015	06°58.756 N	028°00.42 W	02:12	100
14				Yes	03/03/2015	06°59.529 N	028°02.362 W	03:27	100
15				Yes	04/03/2015	06°59.77 N	028°01.168 W	04:51	100
16				Yes	05/03/2015	06°50.257 N	026°50.612 W	05:50	100

17				Yes	06/03/2015	06°59.501 N	024°00.52 W	06:43	100
18				Yes	07/03/2015	06°26.662 N	023°32.401 W	06:34	100
19				Yes	08/03/2015	07°00.364 N	025°01.909 W	08:59	100
20				Yes	08/03/2015	06°56.469 N	025°09.306 W	02:41	100
21				Yes	11/03/2015	05°20.027 S	019°35.81 W	02:35	100
22				Yes	12/03/2015	06°07.535 S	019°31.607 W	02:18	100
23				Yes	12/03/2015	06°35.519 S	019°37.301 W	03:04	100
24				Yes	13/03/2015	07°03.169 S	019°31.351 W	02:59	100
25				Yes	13/03/2015	07°01.133 S	019°33.763 W	02:54	100

Table 3 Summary of vessel / observer estimated figures

No	Bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	0	106.15	106.37	0.49	0.49	0.63	0.63	0.78	0.76	108.03	108.24	0.21	0.19
2	0	0	98.04	96.39	2.17	2.14	0.98	0.98	3.01	3.01	104.20	102.52	-1.68	-1.64
3	0	0	43.08	41.65	0.00	0.00	0.00	0.00	0.00	0.00	43.08	41.65	-1.42	-3.42
4	0	0	28.58	28.16	0.05	0.05	0.00	0.00	0.00	0.00	28.63	28.21	-0.42	-1.48
5	0	0	64.26	63.88	0.19	0.19	0.00	0.00	0.00	0.00	64.45	64.06	-0.38	-0.60
6	0	0	101.27	103.07	0.72	0.72	0.00	0.00	0.00	0.00	101.99	103.78	1.80	1.73
7	0	0	63.03	63.48	33.20	33.43	1.60	1.74	0.84	0.14	98.66	98.79	0.12	0.12
8	0	0	66.20	65.95	20.45	20.36	2.79	2.83	2.56	2.37	92.00	91.51	-0.49	-0.53
9	0	0	56.81	56.33	34.77	34.44	1.53	1.51	6.83	6.90	99.94	99.18	-0.76	-0.77
10	0	0	56.24	56.18	0.50	0.50	0.00	0.00	0.00	0.00	56.73	56.68	-0.05	-0.10
11	0	0	69.08	67.29	3.90	3.80	0.00	0.00	0.00	0.00	72.98	71.09	-1.89	-2.65

12	0	0	62.83	62.24	1.89	1.89	0.00	0.00	0.00	0.00	64.72	64.13	-0.59	-0.93
13	0	0	48.26	49.61	0.63	0.63	0.00	0.00	0.00	0.00	48.89	50.23	1.35	2.68
14	0	0	68.94	69.00	1.47	1.47	0.00	0.00	0.00	0.00	70.41	70.47	0.06	0.08
15	0	0	108.42	105.55	1.44	1.40	0.00	0.00	0.00	0.00	109.86	106.95	-2.91	-2.72
16	0	0	47.64	47.03	7.46	7.34	1.09	1.09	26.22	25.60	82.41	81.07	-1.35	-1.66
17	0	0	72.67	68.36	38.47	36.18	7.75	7.61	13.65	13.20	132.54	125.36	-7.18	-5.73
18	0	0	91.88	91.35	11.23	11.15	2.05	2.11	16.36	16.49	121.52	121.10	-0.42	-0.35
19	0	0	100.81	105.60	14.60	15.30	2.76	2.67	9.36	9.30	127.53	132.87	5.34	4.02
20	0	0	43.89	42.00	4.18	4.00	0.00	0.00	0.00	0.00	48.07	46.00	-2.07	-4.49
21	0	0	46.05	44.78	1.23	1.18	0.00	0.00	0.00	0.00	47.28	45.97	-1.31	-2.86
22	0	0	50.00	50.00	0.35	0.35	0.00	0.00	0.00	0.00	50.35	50.35	0.00	0.01
23	0	0	52.29	50.00	1.16	1.09	0.00	0.00	0.00	0.00	53.45	51.09	-2.36	-4.62
24	0	0	49.78	50.00	1.66	1.66	0.00	0.00	0.00	0.00	51.43	51.66	0.23	0.44
25	0	0	35.45	35.00	0.49	0.35	0.00	0.00	0.00	0.00	35.95	35.35	-0.59	-1.68

Comments:

Other fish consisted of albacore (*Thunnus alalunga*), striped marlin (*Tetrapturus audax*), Atlantic blue marlin (*Makaira nigricans*), Atlantic black marlin (*Makaira indica*), Atlantic white marlin (*Tetrapturus albidus*), Atlantic sail fish (*Istiophorus albicans*), shortfin mako (*Isirus oxyrinchus*), blue shark (*Prionace glauca*), opah (*Lampris guttatus*) and narrow-barred Spanish mackerel (*Scomberomorus commerson*). Furthermore, 0.7 tonnes of shark fins were transhipped during transshipment 7 but not reported in the declaration (detailed in *Appendix II*).

Neither the CV Haru nor the LSPLVs made use of scales during transshipments. Where provided by the LSPLVs, the observer used the average weight to calculate the total transhipped products.

6 Species and weight transferred

The vessel contained 807.399 t tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2 and average weights by species are shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	N	32.34	1.69	32.06	1.69
Albacore	<i>Thunnus alalunga</i>	S	0.16	0.01	0.17	0.01
Atlantic blue marlin	<i>Makaira nigricans</i>	N	12.90	0.67	12.90	0.68
Atlantic blue marlin	<i>Makaira nigricans</i>	S	6.05	0.32	5.85	0.31
Atlantic sailfish	<i>Istiophorus albicans</i>	E	4.10	0.21	4.16	0.22
Atlantic white marlin	<i>Tetrapturus albidus</i>	N	0.23	0.01	0.23	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	1631.64	85.20	1619.26	85.30
Blue shark	<i>Prionace glauca</i>	NE	21.27	1.11	0.00	0.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	NE	0.65	0.03	0.66	0.03
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	NW	0.01	0.00	0.01	0.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	0.04	0.00	0.02	0.00
Opah	<i>Lampris guttatus</i>	NE	0.18	0.01	0.18	0.01
Opah	<i>Lampris guttatus</i>	NW	0.23	0.01	0.23	0.01
Opah	<i>Lampris guttatus</i>	SE	0.19	0.01	0.19	0.01
Shortfin mako	<i>Isurus oxyrinchus</i>	NE	0.20	0.01	0.00	0.00
Swordfish	<i>Xiphias gladius</i>	N	16.78	0.88	16.72	0.88
Swordfish	<i>Xiphias gladius</i>	S	4.39	0.23	4.43	0.23
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	NE	0.65	0.03	21.41	1.13
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	NW	0.70	0.04	0.00	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	182.68	9.54	180.10	9.49

At the beginning of the deployment the CV had the previous version of the ICCAT Transshipment Declaration. The current version which contains the 'Stock ID' section was used by the CV master after being informed by the observer.

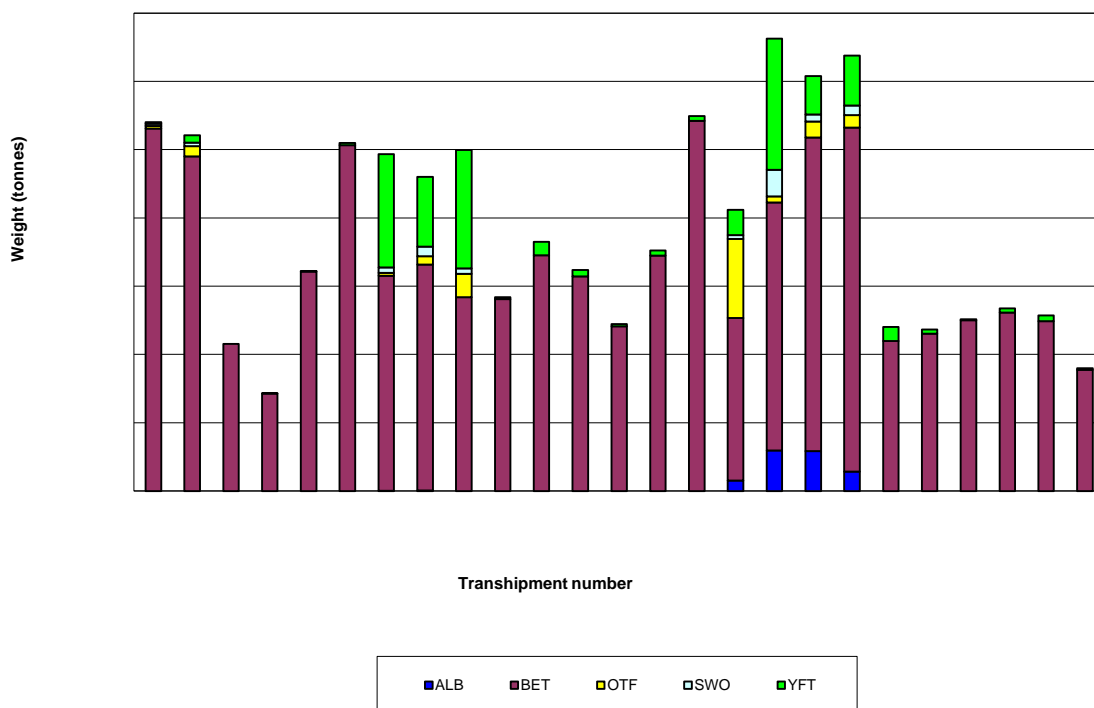


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (processed weight)

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.65
Atlantic blue marlin	<i>Makaira nigricans</i>	88.13
Atlantic sailfish	<i>Istiophorus albicans</i>	17.00
Atlantic white marlin	<i>Tetrapturus albidus</i>	15.13
Bigeye tuna	<i>Thunnus obesus</i>	51.05
Blue shark	<i>Prionace glauca</i>	25.41
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	8.35
Opah	<i>Lampris guttatus</i>	10.71
Shortfin mako	<i>Isurus oxyrinchus</i>	25.38
Swordfish	<i>Xiphias gladius</i>	33.75
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	26.98
Yellowfin tuna	<i>Thunnus albacares</i>	41.40

Comments:

The main transhipped product was *T. obesus*, followed by *T. albacares*, and in much smaller quantities *T. alalunga*, *P. glauca*, *M. nigricans*, *X. gladius*, *I. albicans*, *T. albidus*, *S. commerson* and *L. guttatus* (in descending order).

During the deployment the LSPLVs transhipped the products in specific types. *T. obesus*, *T. albacares* and *T. albidus* were produced gilled and gutted, *X. gladius* was produced both dressed and filleted, *T. alalunga* rounded, *M. nigricans* both dressed and gilled and gutted, *P. glauca*, *I. oxyrinchus*, *I. albicans* and *L. guttatus* dressed and *S. commerson* was produced both rounded and dressed.

Although all of the LSPLVs transhipped tuna and billfish species separately, it was difficult to accurately count the *T. obesus* and *T. albacares* individually, especially during the hold to hold transhipments. In those cases the observer recorded a combined figure and then applied the same ratio as given by the LSPLV figures to the observer figures for each individual transhipment which *T. obesus* and *T. albacares* were estimated together.

To estimate the weight of the transhipped products an average weight of each species was calculated using the LSPLV figures.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	13/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	13/02/15
2			Yes	14/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	13/02/15
3			Yes	17/02/15	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Y	Yes	Yes	Yes	PB	16/02/15
4			Yes	18/02/15	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Y	Yes	Yes	Yes	PB	17/02/15
5			Yes	19/02/15	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Y	Yes	Yes	Yes	PB	19/02/15
6			Yes	20/02/15	Yes	Yes	Unk	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	20/02/15
7			Yes	23/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	22/02/15
8			Yes	24/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	23/02/15
9			Yes	25/02/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	20/02/15
10			Yes	27/02/15	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	26/02/15
11			Yes	28/02/15	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Y	Yes	Yes	Yes	PB	27/02/15
12			Yes	01/03/15	Yes	Yes	Yes	Yes	Yes	05/06/15	Yes	Y	Yes	Yes	Yes	PB	28/02/15
13			Yes	02/03/15	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Y	Yes	Yes	Yes	PB	02/03/15
14			Yes	03/03/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	03/03/15
15			Yes	04/03/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	04/03/15
16			Yes	05/03/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	04/03/15
17			Yes	06/03/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	05/03/15
18			Yes	07/03/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	07/03/15
19			Yes	08/03/15	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Y	Yes	Yes	Yes	EL	08/03/15
20			Yes	08/03/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	07/03/15
21			Yes	11/03/15	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	10/03/15
22			Yes	12/03/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	11/03/15
23			Yes	12/03/15	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Y	Yes	Yes	Yes	PB	03/03/15
24			Yes	13/03/15	Yes	Yes	Yes	Yes	Yes	21/07/15	Yes	Y	Yes	Yes	Yes	PB	13/03/15
25			Yes	13/03/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	13/03/15

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 **Comments from inspections**

No	Comments
2	Electronic logbook not up to date (last entry date 10/02/2015). All subsequent entry dates presented in a printed but unbound document.
3	No top IRCS markings.
6	LSPLV stern markings partially obscured. No top IRCS markings.
7	Undocumented transshipment of shark fins by the LSPLV.
9	Logbook not up to date (last entry date 20/02/2015).
10	LSPLV bow markings partially obscured.
12	ATF validity extended to 04/06/2015 (original expiry date 05/12/2014). LSPLV bow markings partially obscured.
14	LSPLV stern markings were partially worn off. A very bad quality copy of the ATF was presented instead of the original.
19	No top IRCS markings.
21	LSPLV bow and stern markings almost completely worn off. No top IRCS markings.
23	Logbook not up to date (last entry date 03/03/2015). LSPLV bow markings partially obscured.
24	LSPLV bow markings partially obscured.
25	LSPLV stern markings were partially worn off. A very bad quality copy of the ATF was presented instead of the original.

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1
2				LNB
7				DFR
9				LND
23				LND

Key: **LNB** – Logbook not bound. **DFR** – Undocumented transshipments of fish transhipped by the LSPLV.
LND – Logbook not up to date.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The names on the bow or stern of the following vessels were partially obscured or worn and difficult to read: XXX (Figure 3), XXX (Figure 4), XXX (Figure 5), XXX (Figure 6), XXX (Figure 7 and Figure 8), XXX (Figure 9) XXX (Figure 10) XXX (Figure 11).

Figure 3 Partially obscured name on stern of XXX

Figure 4 Partially obscured name on bow of XXX

Figure 5 Partially obscured name on bow of XXX

Figure 6 Partially worn name on stern of XXX

Figure 7 Partially obscured name on bow of XXX

Figure 8 Partially worn name on stern of XXX

Figure 9 Partially obscured name on bow of XXX

Figure 10 Partially obscured name on bow of XXX

Figure 11 Partially obscured name on stern of XXX

8.2 Issues with Fishing Licence, logbooks or VMS

Two logbooks were presented during inspection of the XXX (Figure 12). The last entry date in the electronic one was 10/02/2015. Subsequent entries were recorded on a printed but unbound logbook.

The logbooks of the XXX (Figure 16) and XXX (Figure 13) were out of date. The LSPLV master of the XXX informed the observer that the vessel company prepares and emails the electronic logbook back to the LSPLV in every ten days, and that they would be receiving the next logbook at the end of February.

The ATFs of XXX (Figure 15) and XXX (Figure 17) were not presented in original format and the copies were very low quality and difficult to read.

Figure 12 Logbook of XXX 8 – printed and unbound	Figure 13 Logbook of XXX – out of date
Figure 14 ATF of XXX with date extension (up to 04/06/2015)	Figure 15 ATF of XXX – low quality copy
Figure 16 Logbook of XXX - out of date	Figure 17 ATF of XXX – low quality copy

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had four large barrels for different types of wastes on the bridge which were used only by the observer. All waste except the empty fuel oil barrels was disposed at sea.

9.2 Unidentified or IUU vessels

9.3 Marine mammals.

On 06/03/2015 the master of the LSPLV **XXX** reported that there were tens of killer whales (*Orcinus orca*) around the area N07⁰ 00'; W24⁰ 00'. They noticed that through the bites on their catches, not through direct observation.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix I

Table 9 Non ROP Transhipments

Vessel	Call sign	Reg. No.	RFMO Number	Date	Lat	Lon	Comments
				12/02/2015	10 ⁰ 11.608'S	03 ⁰ 16.335'E	Bait & General Cargo
				15/02/2015	10 ⁰ 34.777'S	01 ⁰ 03.546'E	Bait & General Cargo
				18/12/2015	09 ⁰ 14.591'S	08 ⁰ 26.061'W	Bait & General Cargo

Appendix II

Transshipment 7 XXX

The LSPLV made a transshipment of 0.7 tonnes of shark fins which was not recorded in the transshipment declaration. Neither the LSPLV nor the CV masters deemed it necessary to record shark fins in the declaration.

Figure 18 Transshipment declaration of XXX

Figure 19 Shark fins on XXX deck before transshipment

ICCAT

Observer Report



Trip Number:	165/15
Vessel Name:	Taisei Maru No. 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Barrie Rose
Cruise Dates:	From: 25/02/2015 to 30/04/2015

1 Cruise Summary

In accordance with the bilateral agreement between Taiseimaru Kaiun Kaisha Ltd. and Capfish, Barrie Rose (ICCAT No.26) joined the Japan registered Carrier Vessel (CV) Taisei Maru No. 24 (AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 25/02/2015 to 30/04/2015.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No. 24	Call sign:	JILE
Port of registration:	Ise-Shi	Flag State:	Japan
Owner:	Taiseimaru Kaiun Kaisha Ltd.	Charterer:	Taiseimaru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3200mt
Size (GRT):	4992mt	Length (LOA):	124.25m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC Type JLR-7800 JRC Type JLR-6800 JRC Type JLR-7700 MK11		
Vessel monitoring system (present/absent):	Present		
Radar:	1 x JMA-9132-SA 1 x JMA-6503-9		
Communications equipment:	HF/MF : JRC JSS-800 2 x VHF :JRC JHS-31 Inmarsat B and C and F33		
Plotters:	JRC NWU-53		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	25/02/2015
Method of embarkation*	Portside
Date of departure	25/02/2015
Date of first transshipment	05/03/2015
Date of last transshipment	22/04/2015
Date of return	30/04/2015
Date of disembarkation	30/04/2015
Method of disembarkation*	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 43 transhipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

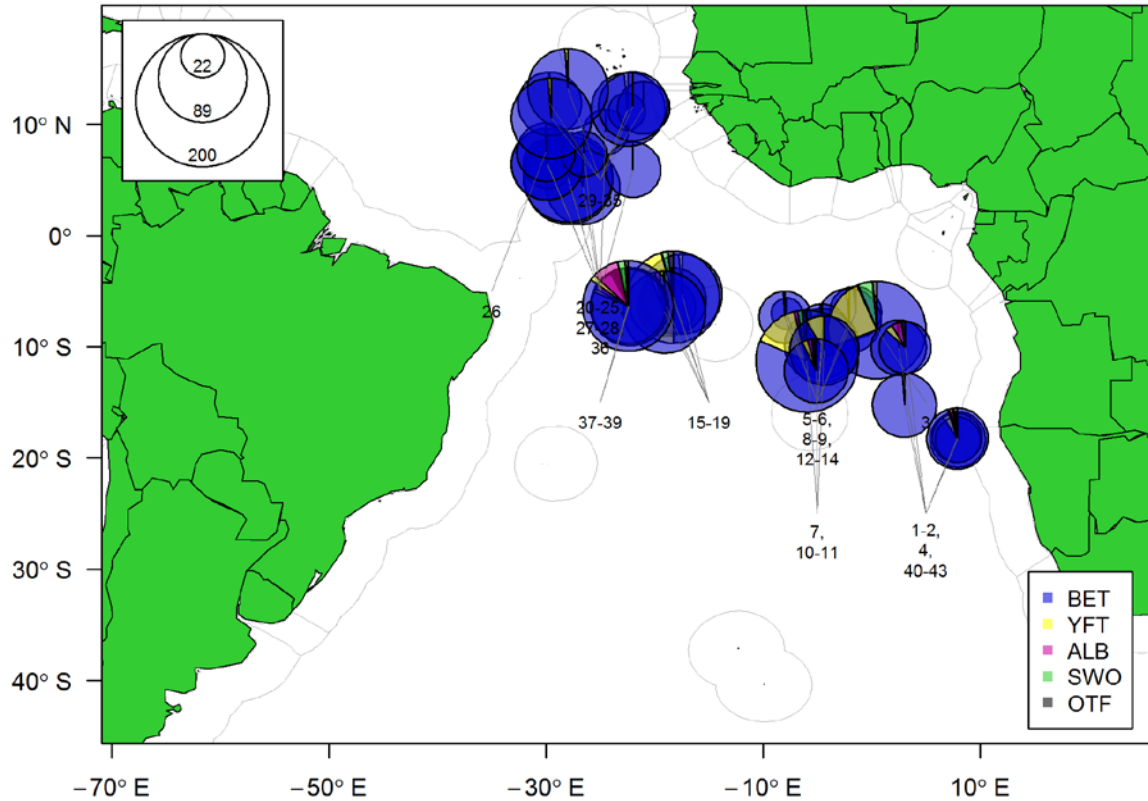


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	23
XXX	19

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	05/03/15	15°15.31 S	003°00.96 E	02:45	100.00%
2				Yes	08/03/15	10°05.87 S	002°28.95 E	03:50	100.00%
3				Yes	09/03/15	08°29.786 S	000°29.633 E	04:20	100.00%
4				Yes	10/03/15	10°04.63 S	003°04.45 E	01:50	100.00%
5				Yes	11/03/15	06°55.59 S	001°29.91 W	03:00	100.00%
6				Yes	12/03/15	07°39.59 S	002°05.46 W	01:50	100.00%
7				Yes	13/03/15	10°20.147 S	004°23.759 W	01:45	100.00%
8				Yes	13/03/15	09°59.64 S	004°31.18 W	02:35	100.00%
9				Yes	13/03/15	09°54.78 S	004°37.59 W	01:45	100.00%
10				Yes	14/03/15	11°16.806 S	005°59.065 W	01:50	100.00%
11				Yes	15/03/15	12°09.79 S	005°07.96 W	02:20	100.00%
12				Yes	16/03/15	08°29.46 S	004°34.24 W	03:30	100.00%
13				Yes	17/03/15	07°20.36 S	007°59.665 W	00:50	100.00%
14				Yes	17/03/15	07°01.68 S	007°49.07 W	02:20	100.00%
15				Yes	19/03/15	05°16.62 S	017°27.85 W	03:20	100.00%
16				Yes	20/03/15	05°52.07 S	018°17.14 W	03:55	100.00%
17				Yes	21/03/15	05°31.86 S	018°15.77 W	03:00	100.00%
18				Yes	22/03/15	06°28.38 S	018°54.87 W	02:10	100.00%
19				Yes	22/03/15	06°54.03 S	019°05.26 W	02:45	100.00%
20				Yes	25/03/15	04°19.73 N	026°36.41 W	00:45	100.00%
21				Yes	25/03/15	04°57.75 N	027°55.5 W	02:40	100.00%
22				Yes	26/03/15	05°14.63 N	027°59.02 W	05:20	100.00%
23				Yes	27/03/15	06°25.05 N	029°50.76 W	01:15	100.00%
24				Yes	27/03/15	06°25.91 N	029°53.63 W	01:30	100.00%
25				Yes	27/03/15	06°24.88 N	029°55.49 W	01:40	100.00%
26				Yes	28/03/15	07°30.56 N	030°01.14 W	02:25	100.00%
27				Yes	29/03/15	07°19.9 N	026°30.67 W	02:55	100.00%
28				Yes	30/03/15	05°55.41 N	021°59.82 W	05:40	100.00%
29				Yes	02/04/15	11°37.67 N	021°59.96 W	03:00	100.00%
30				Yes	05/04/15	13°11.54 N	028°00.06 W	03:10	100.00%
31				Yes	06/04/15	11°50.56 N	029°39.82 W	02:35	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
32				Yes	07/04/15	10°32.47 N	029°30.43 W	06:00	100.00%
33				Yes	09/04/15	11°29.19 N	021°01.27 W	06:00	100.00%
34				Yes	10/04/15	11°20.95 N	022°26.22 W	06:15	100.00%
35				Yes	10/04/15	11°09.09 N	022°34.6 W	03:00	100.00%
36				Yes	11/04/15	09°18.25 N	024°30.3 W	03:10	100.00%
37				Yes	14/04/15	06°23.37 S	022°19.9 W	02:30	100.00%
38				Yes	14/04/15	06°21.45 S	022°24.53 W	02:40	100.00%
39				Yes	14/04/15	06°19.73 S	022°27.41 W	01:30	100.00%
40				Yes	21/04/15	18°21.15 S	007°56.14 E	01:30	100.00%
41				Yes	21/04/15	18°15 S	007°53 E	00:55	100.00%
42				Yes	22/04/15	18°19.21 S	007°55.43 E	01:25	100.00%
43				Yes	22/04/15	18°11.62 S	007°51.07 E	03:00	100.00%

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	76.446	75.55	0.086	0.129	1.16	1.16	3.071	3.081	80.763	79.92	-0.84	-1.05%
2	110.259	109.237	0.26	0.26	1.494	0.797	2.758	2.586	114.771	112.88	-1.89	-1.68%
3	114.023	113.3	1.022	1.506	2.237	2.237	0.063	0.094	117.345	117.137	-0.21	-0.18%
4	34.732	35	0	0	0	0	0	0	34.732	35	0.27	0.77%
5	77.646	75.446	0	0	0	0	0	0	77.646	75.446	-2.20	-2.92%
6	72.847	74.707	0.233	0.513	0	0	0	0	73.08	75.22	2.14	2.84%
7	31.429	30	0	0	0	0	0	0	31.429	30	-1.43	-4.76%
8	46.252	45	0	0	0	0	0	0	46.252	45	-1.25	-2.78%
9	31.102	30	0	0	0	0	0	0	31.102	30	-1.10	-3.67%
10	48.518	50	0	0	0	0	0	0	48.518	50	1.48	2.96%
11	60.452	59.1	0.12	0.299	0	0	0	0	60.572	59.399	-1.17	-1.97%
12	81.28	78.499	1.143	1.504	0	0	0	0	82.423	80.003	-2.42	-3.02%
13	20.889	20	0	0	0	0	0	0	20.889	20	-0.89	-4.45%
14	40.491	40	0	0	0	0	0	0	40.491	40	-0.49	-1.23%
15	68.704	70.043	0	0	0	0	0	0	68.704	70.043	1.34	1.91%
16	94.961	94	0.556	1	0	0	0	0	95.517	95	-0.52	-0.54%
17	95.548	93.695	1.078	1.305	0	0	0	0	96.626	95	-1.63	-1.71%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
18	38.144	38.871	0.341	0.584	0	0	0	0	38.485	39.455	0.97	2.46%
19	59.787	59.73	0.434	0.759	0	0	0	0	60.221	60.489	0.27	0.44%
20	14.331	13.793	0.0597	0.597	0	0	0	0	14.3907	14.39	0.00	0.00%
21	62.951	59	0.842	1	0	0	0	0	63.793	60	-3.79	-6.32%
22	67.329	70.5	1.822	3.253	5.096	6.5	0	0	74.247	80.253	6.01	7.48%
23	40.321	39.517	0.365	0.405	0	0	0	0	40.686	39.922	-0.76	-1.91%
24	38.551	39.216	0.152	0.381	0	0	0	0	38.703	39.597	0.89	2.26%
25	48.87	48.645	0.163	0.358	0	0	0	0	49.033	49.003	-0.03	-0.06%
26	92.201	91.709	0.565	1.291	0	0	0	0	92.766	93	0.23	0.25%
27	60.891	59.086	1.585	2.008	0.696	0.572	1.51	1.834	64.682	63.5	-1.18	-1.86%
28	65.629	62.227	54.472	56.839	2.305	2.766	2.299	2.773	124.705	124.605	-0.10	-0.08%
29	93.126	92.423	1.508	2.111	1.345	1.52	2.01	2.377	97.989	98.431	0.44	0.45%
30	81.088	84.273	0.563	0.771	1.772	1.624	2.471	3.207	85.894	89.875	3.98	4.43%
31	68.468	66.336	0.765	1.131	0.77	0.77	14.117	13.451	84.12	81.688	-2.43	-2.98%
32	106.115	102.6	1.534	2.109	3.048	3.38	13.182	12.794	123.879	120.883	-3.00	-2.48%
33	102.58	97.55	31.769	33.681	6.051	6.465	2.254	2.968	142.654	140.664	-1.99	-1.41%
34	121.811	124.826	17.433	22.028	2.035	2.312	3.504	3.996	144.783	153.162	8.38	5.47%
35	61.69	64	4.846	6	0	0	0	0	66.536	70	3.46	4.95%
36	57.637	55.691	1.403	1.704	0.357	0.5	2.19	2.105	61.587	60	-1.59	-2.64%
37	56.998	59.373	0.418	0.627	0	0	0	0	57.416	60	2.58	4.31%
38	44.1	44.5	0.3	0.5	0	0	0	0	44.4	45	0.60	1.33%
39	42.359	44.5	0.25	0.5	0	0	0	0	42.609	45	2.39	5.31%
40	33.793	33.981	1.396	1.919	0.14	0.186	3.192	3.192	38.521	39.278	0.76	1.93%
41	33.222	32.474	2.662	2.605	0.028	0.028	0.893	0.893	36.805	36	-0.81	-2.24%
42	27.435	27.276	2.128	2.424	0.3	0.3	0	0	29.863	30	0.14	0.46%
43	55.31	52.3	0.36	0.2	0.357	0.5	1.675	2	57.702	55	-2.70	-4.91%

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

English name	Species	Stock	Observer		Declared	
			Weight (t)	%	Weight (t)	%
Other		SE	0.98	0.03%	1.22	0.04%
Albacore	<i>Thunnus alalunga</i>	N	27.49	0.95%	28.00	0.97%
Albacore	<i>Thunnus alalunga</i>	S	3.15	0.11%	3.51	0.12%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.69	0.06%	1.91	0.07%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	13.28	0.46%	14.24	0.49%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	2.72	0.09%	2.72	0.09%
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	2.97	0.10%	0.00	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.13	0.00%	0.13	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	2680.32	92.51%	2657.97	91.68%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	SE	2.37	0.08%	5.14	0.18%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.26	0.01%	0.28	0.01%
Opah	<i>Lampris guttatus</i>	SE	0.12	0.00%	0.14	0.00%
Striped marlin	<i>Tetrapturus audax</i>	W	0.11	0.00%	0.13	0.00%
Swordfish	<i>Xiphias gladius</i>	All	7.40	0.26%	9.27	0.32%
Swordfish	<i>Xiphias gladius</i>	N	16.07	0.55%	17.14	0.59%
Swordfish	<i>Xiphias gladius</i>	S	5.72	0.20%	5.21	0.18%
Yellowfin tuna	<i>Thunnus albacares</i>	All	132.63	4.58%	152.30	5.25%

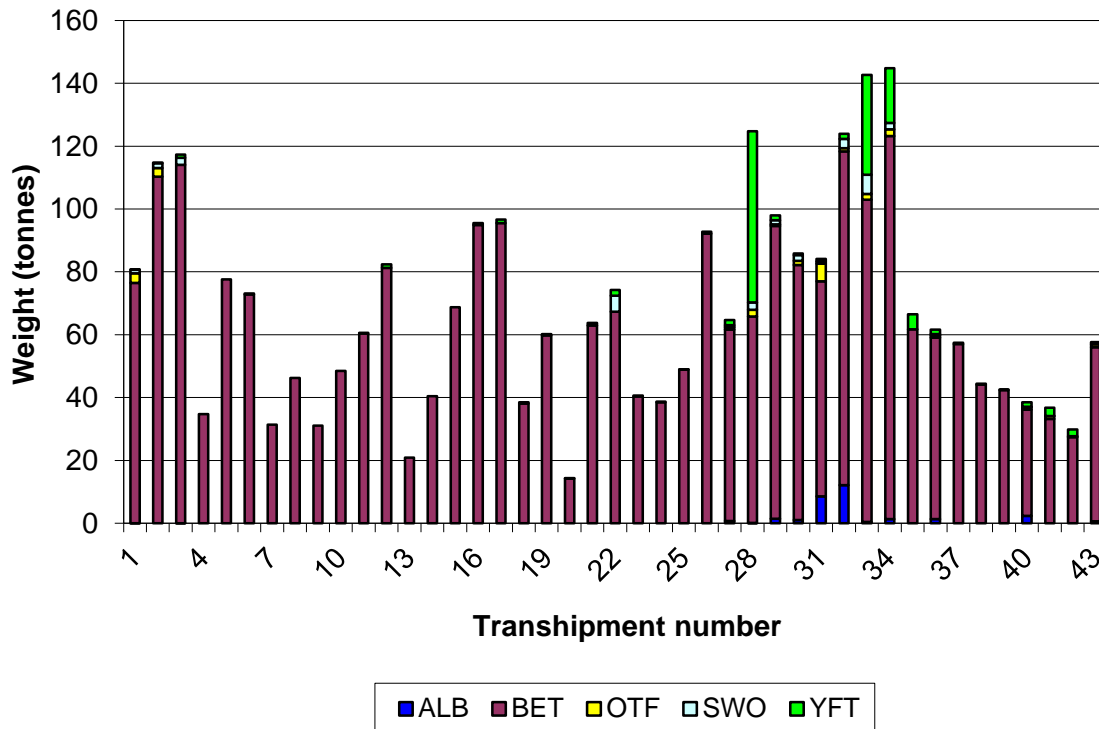


Figure 2 Proportions by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		10.96
Albacore	<i>Thunnus alalunga</i>	21.73
Atlantic blue marlin	<i>Makaira nigricans</i>	87.48
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	16.25
Bigeye tuna	<i>Thunnus obesus</i>	54.41
Indo-Pacific blue marlin	<i>Makaira mazara</i>	98.83
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	25.60
Opah	<i>Lampris guttatus</i>	10.33
Striped marlin	<i>Tetrapturus audax</i>	18.50
Swordfish	<i>Xiphias gladius</i>	45.75
Yellowfin tuna	<i>Thunnus albacares</i>	43.87

Comments:

Bigeye tuna (*Thunnus obesus*) 2657.97 tonnes (91.68%), yellowfin tuna (*Thunnus albacares*) 152.3 tonnes (5.25%), swordfish (*Xiphias gladius*) 31.62 tonnes (1.09%) and albacore (*Thunnus alalunga*) 31.51 tonnes (1.09%) formed the bulk of the fish transhipped. The fish reported as “other” included atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*).

Transshipment took place once the LSPLV was tied-up alongside the CV. The CV approached the starboard side of the stationary LSPLV and tied up with its port side against the LSPLV. The observer recorded photographs of the LSPLV (side, bow, wheelhouse and stern) before the LSPLV tied-up.

Observations of transshipments were made from the CV crane deck where the LSPLV's working deck and the aerial travel of the string was clearly visible. During 21 transshipments, the LSPLV winched bunches of fish from the hold of the LSPLV to the hauling deck of the vessel. In these cases, a full count of tuna could be made while the fish lay on the LSPLV deck. One or more bunches then formed, the string which was craned from the LSPLV deck in to the CV cargo transporter, or directly into the CV hold. The cargo transporter was a large bin with a capacity of approximately 2 tonnes, which moved on a rail along the cargo deck to access the CV's four holds. The CV made use of a hook scale when the string was craned into the hold.

During 22 transshipments the products were craned directly out of the LSPLV hold by the CV's winch. In these cases, time permitted a single count and estimate of species and numbers.

In all cases the LSPLV provided fish numbers which resulted in credible average weights. The observer used prior experience to estimate carcass weights. During the voyage there were no opportunities to weigh individual carcasses to confirm the estimates. The observer however routinely checked his weight estimates against the hook scale readings.

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped during this deployment

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	05/03/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	04/03/15
2			Yes	08/03/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/03/15
3			Yes	09/03/15	Yes	Yes	Yes	Yes	Yes	Yes	01/03/17	Yes	Yes	Yes	Yes	Yes	PU	08/03/15
4			Yes	10/03/15	Yes	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	09/03/15
5			Yes	11/03/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	10/03/15
6			Yes	12/03/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Yes	Yes	Yes	Yes	PU	10/03/15
7			Yes	13/03/15	Yes	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	13/03/15
8			Yes	13/03/15	Yes	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	12/03/15
9			Yes	13/03/15	Yes	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	PB	12/03/15
10	TAI 1	Belize	Yes	14/03/15	Yes	Yes	Yes	Yes	Yes	Yes	01/06/15	Yes	Yes	Yes	Yes	Yes	PU	13/03/15
11			Yes	15/03/15	Yes	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	14/03/15
12			Yes	16/03/15	Yes	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	15/03/15
13			Yes	17/03/15	Yes	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	16/03/15
14			Yes	17/03/15	Yes	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	PB	16/03/15
15			Yes	19/03/15	Yes	Yes	Yes	Faxed	Yes	Yes	27/08/15	Yes	Yes	Yes	Yes	Yes	PB	19/03/15
16			Yes	20/03/15	Yes	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	19/03/15
17			Yes	21/03/15	Yes	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Yes	Yes	Yes	Yes	PB	20/03/15
18			Yes	22/03/15	Yes	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	PB	21/03/15
19			Yes	22/03/15	Yes	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	22/03/15
20			Yes	25/03/15	Yes	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	24/03/15
21			Yes	25/03/15	Yes	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	24/03/15
22			Yes	26/03/15	Yes	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	PB	25/03/15
23			Yes	27/03/15	Yes	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	26/03/15
24			Yes	27/03/15	Yes	Yes	Yes	Yes	Yes	Yes	04/06/15	Yes	Yes	Yes	Yes	Yes	PB	26/03/15
25			Yes	27/03/15	Yes	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Yes	Yes	Yes	Yes	PB	26/03/15
26			Yes	28/03/15	Yes	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	Yes	Yes	PB	26/03/15
27			Yes	29/03/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	28/03/15

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
28			Yes	30/03/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	29/03/15
29			Yes	02/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	01/04/15
30			Yes	05/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	04/04/15
31			Yes	06/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/04/15
32			Yes	07/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	06/04/15
33			Yes	09/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	08/04/15
34			Yes	10/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	09/04/15
35			Yes	10/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	09/04/15
36			Yes	11/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	10/04/15
37			Yes	14/04/15	Yes	Yes	Yes	Yes	Yes	21/07/15	Yes	Yes	Yes	Yes	Yes	PB	14/04/15
38			Yes	14/04/15	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	PB	13/04/15
39			Yes	14/04/15	Yes	Yes	Yes	Yes	Yes	07/07/15	Yes	Yes	Yes	Yes	Yes	PB	13/05/15
40			Yes	21/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/04/15
41			Yes	21/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/04/15
42			Yes	22/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/04/15
43			Yes	22/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/04/15

Comments.

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

The observer issued 20 Potential Non Compliance (PNC) reports (Table 11).

Table 7 Comments from inspections

TS	Vessel Name	Comments
1	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were not numbered with a consecutive serial number.</p> <p>Figure 3 Logbook of the LSPLV XXX</p>
2		<p>The LSTLV name was displayed as " XXX " (with a horizontal line above the last XXX in " XXX ". The ICCAT vessel list provided the vessel name " XXX ".</p> <p>Figure 4 Vessel markings of the LSPLV XXX</p> <p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were not numbered with a consecutive serial number.</p> <p>Figure 5 Logbook of the LSPLV XXX</p>
3	XXX	<p>The LSTLV name was displayed as " XXX (with a horizontal line above the last XXX in " XXX ". The ICCAT vessel list provided the vessel name " XXX ".</p> <p>Figure 6 Vessel markings of the LSPLV XXX</p> <p>The logbooks were printed but not bound. The pages were retained in a ring binder. The pages were numbered.</p> <p>Figure 7 Logbook of the LSPLV XXX</p>
4	XXX	No comment.
5	XXX	<p>The logbook was printed and unbound. The pages were retained in a ring binder and the pages were not marked with a printed page number. The page numbers were completed in pen.</p> <p>Figure 8 Logbook of the LSPLV XXX</p>

TS	Vessel Name	Comments
6	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were not marked with a printed consecutive serial number. The pages were numbered by hand in pen.</p> <p>Figure 9 Logbook of the LSPLV XXX</p>
7	XXX	No comment.
8	XXX	No comment.
9	XXX	No comment.
10	TAI 1	<p>The logsheets were printed and unbound. The pages were not numbered.</p> <p>Figure 10 Logbook of the LSPLV xx</p> <p>The ATF produced during the inspection expired on 2/12/2014. An in-date ATF was forwarded to the CV after the transshipment.</p> <p>Figure 11 The out of date ATF of the LSPLV</p>
11	XXX	No comment.
12	XXX	No comment.
13	XXX	No comment.
14	XXX	No comment.
15	XXX	The ATF was faxed to the LSPLV during the on-board inspection.
16	XXX	No comment.
17	XXX	No comment.
18	XXX	No comment.
19	XXX	<p>The vessel name and National Registration Number (NRN) was obscured by fouling on the hull. These markings were not practically visible at any extended distances.</p> <p>Figure 12 Bow markings of the LSPLV XXX</p>

TS	Vessel Name	Comments
20	XXX	No comment.
21	XXX	No comments.
22	XXX	No comment.
23	XXX	No comment.
24	XXX	The ATF was extended to 04/06/2015.
25	XXX	No comment.
26	XXX	No comment.
27	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder and the page numbers were manually marked in pen.</p> <p>Figure 13 Logbook of the LSPLV XXX</p>
28	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a binder. The pages were not numbered with a consecutive serial number.</p> <p>Figure 14 Logbook of the LSPLV XXX</p>
29	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 15 Logbook of the LSPLV XXX</p>
30	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 16 Logbook of the LSPLV XXX</p>
31	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 17 Logbook of the LSPLV XXX</p>

TS	Vessel Name	Comments
32	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 18 Logbook of the LSPLV XXX</p>
33	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 19 Logbook of the LSPLV XXX</p>
34	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a binder. The pages were numbered.</p> <p>Figure 20 Logbook of the LSPLV XXX</p>
35	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number in pen.</p> <p>Figure 21 Logbook of the LSPLV XXX</p>
36	XXX	<p>The logbooks were printed but not bound. The loose pages were retained in a ring binder. The pages were numbered with a consecutive serial number.</p> <p>Figure 21 Logbook of the LSPLV SEIKO XXX</p>
37	XXX	No comment.
38	XXX	No comment.
39	XXX	No comment.
40	XXX	<p>The logbook was printed but not bound. The loose pages were retained in a ring binder. The pages were numbered.</p> <p>Figure 22 Logbook of the LSPLV SUMIYOSHI XXX</p>

TS	Vessel Name	Comments
41	XXX	The logbook was printed but not bound. The loose pages were retained in a binder. The pages were numbered. Figure 23 Logbook of the LSPLV XXX
42	XXX	The logbook was printed but not bound. The loose pages were retained in a binder. The pages were numbered. Figure 24 Logbook of the LSPLV XXX
43	XXX	The logbook was printed but not bound. The loose pages were retained in a binder. The pages were numbered. Figure 25 Logbook of the LSPLV XXX

Table 10 PNC reports issued

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			1	LNB		
2			2	LNB	LNN	
3			3	LNB	LNN	
5			4	LNB	LNN	
6			5	LNB	LNN	
27			7	LNB	LNN	
28			8	LNB	LNN	
29			9	LNB	LNN	
30			10	LNB	LNN	
31			11	LNB	LNN	
32			12	LNB	LNN	

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
33			13	LNB	LNN	
34			14	LNB	LNN	
35			15	LNB	LNN	
36			16	LNB	LNN	
40			17	LNB	LNN	
41			18	LNB	LNN	
42			19	LNB	LNN	
43			20	LNB	LNN	

8.1 Verifying vessel name / RFMO number and National Registration Number.

All LSPLVs could be positively identified and marked accordingly.

8.2 Issues with Fishing Licence, logbooks or VMS

The ATF produced by the ISPLV "TAI 1" was not in date. An in date ATF was faxed to the CV three days later.

The LSPLV "XXX" did not have an in-date ATF on board when the observer boarded for inspection. The in-date ATF was faxed to the vessel during the inspection.

All LSPLVs were fitted with VMS units and the units were powered during the inspection.

The LSPLVs reflected in table 11 produced fishing logbooks that were printed but not bound as prescribed. The table also indicates whether the pages were numbered with consecutive serial numbers.

Table 11 Unbound logbooks

TS No	Name	Date	Pages numbers marked.
1		05/03/2015	No
2		08/03/2015	No
3		09/03/2015	Yes
5		11/03/2015	Yes - with a pen.
6		12/03/2015	No
10	TAI 1	14/03/2015	No
27		29/03/2015	Yes - with a pen.
28		30/03/2015	No
29		02/04/2015	Yes
30		05/04/2015	Yes
31		06/04/2015	Yes
32		07/04/2015	Yes
33		09/04/2015	Yes
34		10/04/2015	Yes
35		10/04/2015	Yes - with a pen.
36		11/04/2015	Yes
40		21/04/2015	Yes
41		21/04/2015	Yes
42		22/04/2015	Yes
43		22/04/2015	Yes

9 Other Observer Tasks.

9.1 CV waste disposal

The CV was fitted with an incinerator and cardboard and plastic materials were burnt. The vessel was also retaining most waste in bins on board. The observer did however see the occasional plastic waste being dumped in to the sea.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
25/02/2015	18:00	34°15'S	17°30'E	Southern Right Whale (<i>Eubalaena australis</i>)	30+	Small groups across Table Bay
27/02/2015	09:15	24°55'S	11°49'E	Common Dolphin (<i>Delphinus capensis</i>)	200+	Raced to bow.
28/02/2015	16:05	22°30'S	10°43'E	Unid. 'Stenella type' Dolphin (<i>Stenella sp.</i>)	40+	500m from vessel.
28/03/2015	18:00	22°33'S	11°17'E	Common Dolphin (<i>Delphinus capensis</i>)	15+	Passed 200m off.
28/03/2015	19:00	22°34'S	11°27'E	Common and Striped Dolphin (<i>D. capensis</i> & <i>S. coeruleoalba</i>)	1000+	Mixed school bow-riding.
03/03/2015	17:00	21°37'S	12°38'E	Bryde's Whale (<i>Balaenoptera edeni</i>)	5	Spread over 5 miles.
03/03/2015	17:40	21°33'S	12°31'E	Long-finned Pilot Whale (<i>Globicephala melas</i>)	80+	Tightly packed, moving at speed.
04/03/2015	09:30	19°06'S	08°39'E	Unid. 'Stenella type' Dolphin (<i>Stenella sp.</i>)	20+	1 mile from vessel, jumping.
04/03/2015	10:30	18°52'S	08°25'E	Striped Dolphin (<i>Stenella coeruleoalba</i>)	1000+	Across bow at speed.
18/03/2015	10:25	06°01'S	11°51'W	Gervais Beaked Whale (<i>Mesoplodon europaeus</i>)	5	Loafing, one breached.
04/04/2015	14:30	15°34'N	26°05'W	Spinner Dolphin (<i>Stenella longirostris</i>)	200+	Moving at speed.

Date	Time	Lat	Lon	Species	Abundance	Behaviour
04/04/2015	17:30	14°54'N	26°35'W	Pantropical Spotted Dolphin (<i>Stenella attenuata</i>)	20+	At speed, 500m from vessel.
07/04/2015	15:50	10°18'N	29°41'W	Sperm Whale (<i>Physeter macrocephalus</i>)	4	Females, loafing.
07/04/2015	17:30	10°21'N	29°18'W	Sperm Whale (<i>Physeter macrocephalus</i>)	3	Females, loafing.
08/04/2015	08:15	10°49'N	25°55'W	Gervais Beaked Whale (<i>Mesoplodon europaeus</i>)	1	Breaching.
08/04/2015	14:10	10°59'N	24°30'W	Gervais Beaked Whale (<i>Mesoplodon europaeus</i>)	1	Breaching
12/04/2015	1530	03°46'N	23°31'W	Pantropical Spotted Dolphin (<i>Stenella attenuata</i>)	30+	On bow.
12/04/2015	1630	03°30'N	23°28'W	Fin Whale (<i>Balaenoptera physalus</i>)	1	Cruising 200m off.
13/04/2015	725	00°26'S	22°45'W	Clymene Dolphin (<i>Stenella clymene</i>)	100+	Rushed briefly to bow.
18/04/2015	800	10°05'S	00°47'W	Pantropical Spotted Dolphin (<i>Stenella attenuata</i>)	50+	Passing at 500m.
19/04/2015	1030	11°42'S	05°50'E	False Killer Whale (<i>Pseudorca crassidens</i>)	10	In 3 tight groups.
24/04/2015	1600	25°48'S	13°30'E	Southern Right Whale Dolphin (<i>Lissodelphis peronii</i>)	6	Travelling at speed to bow.
24/04/2015	1730	26°08'S	13°31'E	Southern Right Whale Dolphin (<i>Lissodelphis peronii</i>)	12+	Travelling slowly 400m off.
26/04/2015	1000	33°13'S	12°42'E	Blue Whale (<i>Balaenoptera musculus</i>)	1	Back, fin and blows at 1 mile.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		06/03/2015	12°09'S	001°15'E	Bait, fuel and victuals	Yes
		06/03/2015	12°09'S	001°15'E	Bait, fuel and victuals	Yes
		07/03/2015	09°30'S	001°45'E	Bait, fuel and victuals	Yes
		09/03/2015	08°18'S	000°19'E	Bait, fuel and victuals	Yes
		14/03/2015	11°35'S	005°48'W	Bait, fuel and victuals	Yes
		14/03/2015	11°35'S	005°48'W	Bait, fuel and victuals	Yes
		18/03/2015	06°21'S	011°23'W	Bait, fuel and victuals	Yes
		23/03/2015	06°24'S	020°36'W	Bait, fuel and victuals	Yes
		30/03/2015	05°53'N	022°01'W	Bait, fuel and victuals	Yes
		30/03/2015	05°53'N	022°01'W	Bait, fuel and victuals	Yes
		30/03/2015	05°53'N	022°01'W	Bait, fuel and victuals	Yes
		31/03/2015	10°14'N	024°17'W	Bait, fuel and victuals	Yes
		31/03/2015	10°14'N	024°17'W	Bait, fuel and victuals	Yes
		01/04/2015	09°33'N	024°50'W	Fuel and victuals	Yes
		05/04/2015	12°55'N	028°17'W	Fuel and victuals	Yes
		20/04/2015	12°40'S	009°10'E	Fuel and personnel	Yes

ICCAT

Observer Report



Trip Number:	166/15
Vessel Name:	Chitose
ICCAT Ref. No.	AT000SGP00001
Observer Name:	Anthony Donnelly
Cruise Dates:	From: 26/03/2015 To: 29/05/2015

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Marine Resources Assessment Group, Anthony Donnelly (ROP No 123) joined the Singapore registered Carrier Vessel (CV) Chitose as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 26/03/2015 to 29/05/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chitose	Call sign:	9V6110
Port of registration:	Singapore	Flag State:	Singapore
Owner:	Wang Tat Corporation	Charterer:	M.R.S. Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8,020m ³
Size (GRT):	6,543t	Length (LOA):	134.2m
Position fixing equipment:		Furuno GP 150 (2 Off)	
Vessel monitoring system (present/absent):		Collecte Localisation Satellites	
Radar:		Furuno RCU-014 (2 off)	
Communications equipment:		Furuno FS 2575C (HF) Furuno RC 8900 (VHF)	
Plotters:		Charts	
Tuna products already on board (Quantity)		635.7	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	26/03/2015
Method of embarkation*	Dockside
Date of departure	26/03/2015
Date of first transshipment	01/04/2015
Date of last transshipment	19/05/2015
Date of return	29/05/2015
Date of disembarkation	29/05/2015
Method of disembarkation*	Transfer vessel in port.
Port of return	Colon, Panama.

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 47 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

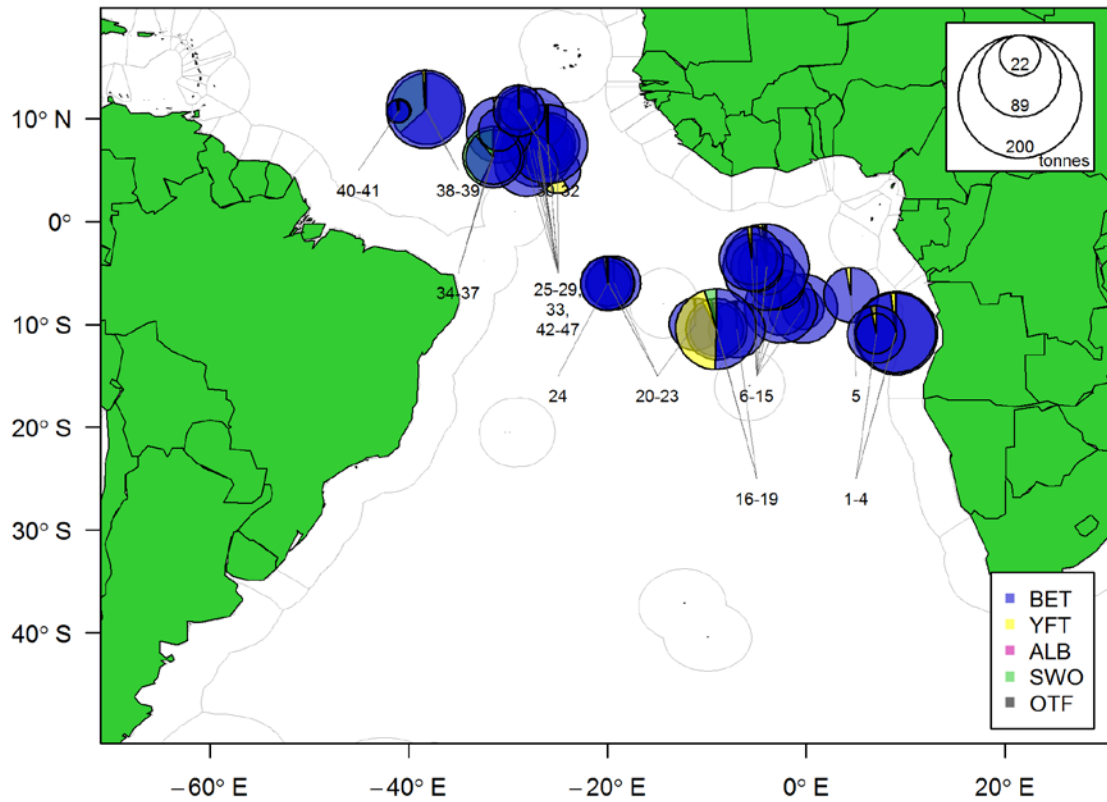


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	11
XXX	25
XXX	7
XXX	2
XXX	2

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	Observed
1				Yes	01/04/2015	10°51 S	009°01 E	01:25	100
2				Yes	01/04/2015	10°49 S	008°59 E	02:30	100
3				Yes	02/04/2015	10°59 S	007°00 E	04:30	100
4				Yes	02/04/2015	10°54 S	007°01 E	01:15	100
5				Yes	04/04/2015	07°09 S	004°30 E	01:15	100
6				Yes	05/04/2015	08°30 S	000°19 W	02:35	100
7				Yes	05/04/2015	08°28 S	000°20 W	01:35	100
8				Yes	06/04/2015	08°19 S	002°33 W	02:55	100
9				Yes	06/04/2015	08°17 S	002°34 W	05:00	100
10				Yes	07/04/2015	05°49 S	002°58 W	02:50	100
11				Yes	08/04/2015	04°21 S	004°00 W	03:15	100
12				Yes	09/04/2015	04°25 S	004°04 W	04:40	100
13				Yes	10/04/2015	04°20 S	005°00 W	03:25	100
14				Yes	11/04/2015	03°41 S	005°30 W	02:50	100
15				Yes	11/04/2015	03°38 S	005°32 W	02:05	100
16				Yes	13/04/2015	10°29 S	006°59 W	01:30	100
17				Yes	14/04/2015	10°30 S	009°02 W	01:30	100
18				Yes	14/04/2015	10°28 S	009°03 W	01:35	100
19				Yes	14/04/2015	10°27 S	009°05 W	01:55	100
20				Yes	15/04/2015	10°00 S	011°10 W	05:10	100
21				Yes	17/04/2015	05°58 S	019°21 W	05:40	100
22				Yes	18/04/2015	06°02 S	019°55 W	00:40	100
23				Yes	18/04/2015	06°02 S	019°58 W	00:55	100
24				Yes	18/04/2015	06°01 S	020°02 W	01:30	100
25				Yes	21/04/2015	04°57 N	025°01 W	03:35	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	Observed
26				Yes	22/04/2015	06°59 N	027°00 W	03:10	100
27				Yes	22/04/2015	06°55 N	027°04 W	04:25	100
28				Yes	24/04/2015	06°59 N	027°27 W	03:35	100
29				Yes	26/04/2015	07°28 N	028°00 W	02:40	100
30				Yes	29/04/2015	11°01 N	028°59 W	06:25	100
31				Yes	04/05/2015	10°48 N	028°52 W	01:55	100
32				Yes	04/05/2015	10°46 N	028°55 W	04:55	100
33				Yes	05/05/2015	09°57 N	027°12 W	03:50	100
34				Yes	06/05/2015	08°55 N	030°53 W	01:30	100
35				Yes	06/05/2015	08°54 N	030°55 W	02:25	100
36				Yes	07/05/2015	06°16 N	031°29 W	02:15	100
37				Yes	07/05/2015	06°15 N	031°31 W	02:00	100
38				Yes	09/05/2015	10°57 N	038°14 W	02:55	100
39				Yes	09/05/2015	10°54 N	038°19 W	03:25	100
40				Yes	10/05/2015	10°47 N	040°56 W	05:55	100
41				Yes	10/05/2015	10°41 N	041°05 W	03:00	100
42				Yes	14/05/2015	05°31 N	028°10 W	07:40	100
43				Yes	15/05/2015	07°50 N	027°00 W	06:05	100
44				Yes	17/05/2015	07°31 N	025°59 W	06:45	100
45				Yes	18/05/2015	07°30 N	026°04 W	05:50	100
46				Yes	19/05/2015	07°31 N	026°00 W	03:15	100
47				Yes	19/05/2015	07°31 N	026°01 W	02:15	100

Comments: All vessels were inspected and observed. Two vessels, DAE SUNG 216 and DAE SUNG 226, were flagged to St Vincent and the Grenadines, a country that was not participating in the ICCAT Regional Observer ProgrammeXXXwas not registered with ICCAT at the time of transshipment, although has since become so.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight (t)	%
1	14.50	16.00	20.20	22.30	0.01	0.01	0.41	0.01	35.12	38.32	3.20	8.35
2	36.20	38.00	19.40	20.90	0.20	0.10	1.50	1.70	57.30	60.70	3.40	5.60
3	89.60	90.10	4.80	4.90	2.00	1.80	3.20	2.90	99.60	99.70	0.10	0.10
4	19.70	19.90	0.30	0.31	0.00	0.00	0.00	0.00	20.00	20.21	0.21	1.04
5	34.40	37.70	1.10	1.00	0.00	0.00	0.00	0.00	35.50	38.70	3.20	8.27
6	62.30	65.00	0.00	0.00	0.00	0.00	0.00	0.00	62.30	65.00	2.70	4.15
7	41.10	45.00	0.00	0.00	0.00	0.00	0.00	0.00	41.10	45.00	3.90	8.67
8	54.70	60.00	0.00	0.00	0.00	0.00	0.00	0.00	54.70	60.00	5.30	8.83
9	63.60	70.00	0.00	0.00	0.00	0.00	0.00	0.00	63.60	70.00	6.40	9.14
10	68.70	73.90	1.00	1.10	0.00	0.00	0.00	0.00	69.70	75.00	5.30	7.07
11	72.60	74.30	0.60	0.70	0.00	0.00	0.00	0.00	73.20	75.00	1.80	2.40
12	118.90	117.50	0.70	0.70	0.00	0.00	0.00	0.00	119.60	118.20	-1.40	-1.18
13	80.60	78.90	2.30	2.40	0.00	0.00	0.00	0.00	82.90	81.30	-1.60	-1.97
14	41.20	40.00	0.00	0.00	24.60	30.00	0.00	0.00	65.80	70.00	4.20	6.00
15	46.80	50.00	0.00	0.00	6.00	6.00	0.00	0.00	52.80	56.00	3.20	5.71
16	32.50	32.80	0.40	0.40	0.00	0.00	0.00	0.00	32.90	33.20	0.30	0.90
17	31.80	31.90	0.10	0.00	0.00	0.00	0.00	0.00	31.90	31.90	0.00	0.00
18	45.60	29.90	0.10	0.01	0.00	0.00	0.00	0.00	45.70	29.90	-15.80	-52.79
19	50.20	50.00	0.00	0.00	0.00	0.00	0.00	0.00	50.20	50.00	-0.20	-0.40
20	57.00	60.00	0.00	0.00	27.50	35.00	0.00	0.00	84.50	95.00	10.50	11.05
21	115.80	113.70	1.40	1.50	0.00	0.00	0.00	0.00	117.20	115.20	-2.00	-1.74
22	10.40	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.40	10.00	-0.40	-4.00
23	9.80	9.80	0.20	0.20	0.00	0.00	0.00	0.00	10.00	10.00	0.00	0.00
24	31.30	31.20	0.50	0.50	0.00	0.00	0.00	0.00	31.80	31.70	-0.10	-0.32
25	84.40	86.40	3.50	3.60	0.00	0.00	0.00	0.00	87.90	90.00	2.10	2.33
26	54.60	59.00	1.00	1.00	0.00	0.00	0.00	0.00	55.60	60.00	4.40	7.33
27	97.00	97.90	2.00	2.10	0.00	0.00	0.00	0.00	99.00	100.00	1.00	1.00
28	49.10	60.00	0.00	0.00	0.00	0.00	0.00	0.00	49.10	60.00	10.90	18.17
29	53.80	57.10	2.70	2.90	0.00	0.00	0.00	0.00	56.50	60.00	3.50	5.83

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight (t)	%
30	138.40	135.00	2.30	2.20	2.90	1.20	1.63	0.83	145.23	139.23	-6.00	-4.31
31	45.20	48.10	1.90	2.00	0.00	0.00	0.00	0.00	47.10	50.10	3.00	5.99
32	44.10	48.30	0.60	0.60	0.00	0.00	0.00	0.00	44.70	48.90	4.20	8.59
33	71.00	76.10	1.50	1.50	0.00	0.00	0.00	0.00	72.50	77.60	5.10	6.57
34	53.90	50.60	0.50	0.50	0.00	0.00	0.00	0.00	54.40	51.10	-3.30	-6.46
35	49.90	53.50	0.40	0.40	0.00	0.00	0.00	0.00	50.30	53.90	3.60	6.68
36	38.00	37.60	0.50	1.10	0.00	0.00	0.00	0.00	38.50	38.70	0.20	0.52
37	51.60	52.80	1.30	1.60	0.00	0.00	0.00	0.00	52.90	54.40	1.50	2.76
38	51.80	54.00	0.10	0.20	0.00	0.00	0.00	0.00	51.90	54.20	2.30	4.24
39	51.00	55.10	1.60	1.90	0.00	0.00	0.00	0.00	52.60	57.00	4.40	7.72
40	58.50	59.40	0.50	0.70	0.00	0.00	0.00	0.00	59.00	60.10	1.10	1.83
41	52.60	53.00	1.20	1.20	0.00	0.00	0.00	0.00	53.80	54.20	0.40	0.74
42	58.80	65.00	2.70	3.10	0.00	0.00	1.80	2.00	63.30	70.10	6.80	9.70
43	66.30	61.90	59.10	55.20	5.90	5.80	0.00	0.00	131.30	122.90	-8.40	-6.83
44	123.60	126.80	3.10	3.10	0.00	0.00	0.00	0.00	126.70	129.90	3.20	2.46
45	107.90	117.70	1.90	2.30	0.00	0.00	0.00	0.00	109.80	120.00	10.20	8.50
46	57.90	59.60	1.50	1.80	0.00	0.00	0.00	0.00	59.40	61.40	2.00	3.26
47	29.30	29.00	0.70	1.00	0.00	0.00	0.00	0.00	30.00	30.00	0.00	0.00

Comments:

Average weight of bigeye tuna (*Thunnus obesus*) based on the declaration of XXX (transshipment 18) was 87kg. Based on observations, the observer believes this weight to be too large, and would accentuate the difference between observed and declared weights, resulting in the large difference by weight of 52.79%.

During transshipment with XXX (transshipment 20), during routine temperature checks of transferred products, some product was found to be insufficiently frozen. For that reason, some product was refused by the CV, but the declaration was not modified to reflect that. This may account for the difference of 11.05% between observed and declared weights.

The observer was unable to offer any mitigating circumstances for the difference of 18.17% between observed and declared weights during transshipment with DAE SUNG 216 (transshipment 28), and therefore considers the difference to result from a genuine difference between declared and transhipped products.

6 Species and weight transferred

The vessel contained 635.9t of tuna product when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00	1.00	0.03
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00	1.00	0.03
Albacore	<i>Thunnus alalunga</i>	Unk	1.80	0.06	0.00	0.00
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.10	0.17	4.60	0.15
Bigeye tuna	<i>Thunnus obesus</i>	All	2718.00	92.47	2789.50	92.25
Mako sharks	<i>Isurus spp</i>	All	1.63	0.06	0.83	0.03
Opah	<i>Lampris guttatus</i>	All	0.02	0.00	0.02	0.00
Swordfish	<i>Xiphias gladius</i>	All	0.00	0.00	68.11	2.25
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00	3.60	0.12
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00	8.20	0.27
Swordfish	<i>Xiphias gladius</i>	Unk	69.11	2.35	0.00	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	143.70	4.89	146.92	4.86

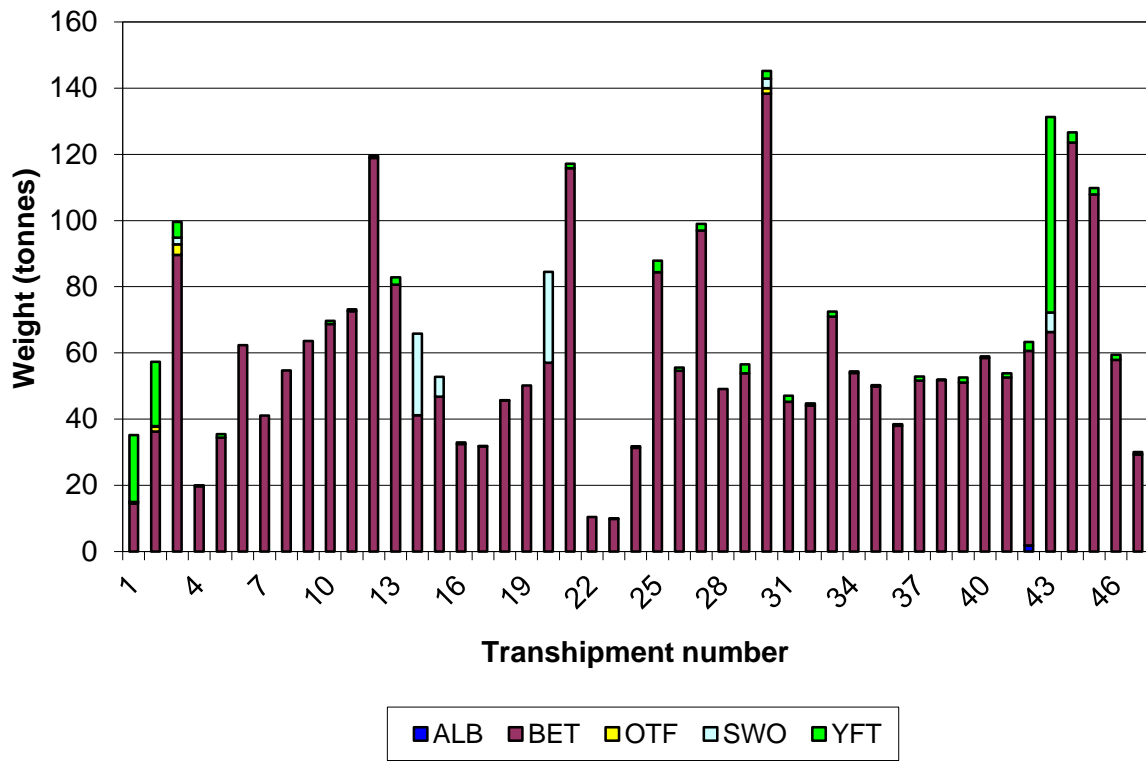


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (processed weight)

Common Name	Scientific name	Average weight (kg)
Albacore	<i>T. alalunga</i>	20.00
Atlantic blue marlin	<i>M. nigricans</i>	104.08
Bigeye tuna	<i>T. obesus</i>	52.01
Mako sharks	<i>Isurus spp</i>	26.72
Opah	<i>L. guttatus</i>	3.33
Swordfish	<i>X. gladius</i>	49.72
Yellowfin tuna	<i>T. albacares</i>	39.93

Comments:

By far the main species transferred was bigeye tuna (*T. obesus*) with some 92.3% of total transfers, other tuna species, yellowfin (*T. albacares*) and albacore (*T. alalunga*) were in much smaller numbers with yellowfin at 4.9% and albacore with less than 1.0% of the total. All other species comprised less than 1.0% of transfers except swordfish (*X. gladius*) which comprised 2.6% of the total.

Bigeye (*T. obesus*) and yellowfin (*T. albacares*) tuna were presented gutted and gilled with albacore (*T. alalunga*) being presented whole, Atlantic marlin (*M. nigricans*) were gutted and gilled or dressed, swordfish (*X. gladius*) were dressed or as fillets. Mako shark (*Isurus spp.*) were filleted and opah (*L. guttatus*) were dressed.

Chitose had no method of measuring either individual fish or whole strings nor did they count the transferred product, they accepted the declared weights and numbers of the product of individual LSPLVs. The CV, aware of its own cargo space and with tight margins, tried to keep to declared weights as closely as possible.

Average weight of each species was established by dividing declared weights by declared numbers. The observer made an individual tally by counting individual fish as they were transferred to the CV. By multiplying declared average weights by observer totals an independent total weight was established for each species.

During transhipment with XXX, possible thresher shark fins were seen drying on the deck of the LSTLV (Figure 27).

7 Southern bluefin tuna transshipments

No Southern bluefin tuna (*T. maccoyi*) was transferred during this deployment.

8 LSTLV Inspections were carried out by the observer on the following vessels.

Table 6 Summary of inspections made on board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	01/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	31/03/2015
2			Yes	01/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	31/03/2015
3			Yes	02/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	30/03/2015
4			Yes	02/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	04/09/2018	Yes	Yes	Yes	Yes	Yes	PB	31/03/2015
5			Yes	04/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	03/04/2015
6			Yes	05/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	01/09/2017	Yes	Yes	Yes	Yes	Yes	PB	03/04/2015
7			Yes	05/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	24/12/2018	Yes	Yes	Yes	Yes	Yes	PB	03/04/2015
8			Yes	06/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	22/08/2015	Yes	Yes	Yes	Yes	Yes	PB	05/04/2015
9			Yes	06/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	10/12/2017	Yes	Yes	Yes	Yes	Yes	PB	05/04/2015
10			Yes	07/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	27/11/2016	Yes	Yes	Yes	Yes	Yes	PB	06/04/2015
11			Yes	08/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	03/01/2017	Yes	Yes	Yes	Yes	Yes	PB	07/04/2015
12			Yes	09/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	13/11/2015	Yes	Yes	Yes	Yes	Yes	PU	09/04/2015
13			Yes	10/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	05/12/2015	Yes	Yes	Yes	Yes	Yes	PB	09/04/2015
14			Yes	11/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	10/04/2015
15			Yes	11/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	08/02/2019	Yes	Yes	Yes	Yes	Yes	PB	10/04/2015
16			Yes	13/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	21/10/2017	Yes	Yes	Yes	Yes	Yes	PB	12/04/2015
17			Yes	14/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	25/05/2018	Yes	Yes	Yes	Yes	Yes	PB	12/04/2015
18			Yes	14/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	04/03/2016	Yes	Yes	Yes	Yes	Yes	PB	13/04/2015
19			Yes	14/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	01/09/2018	Yes	Yes	Yes	No	Yes	PB	13/04/2015
20			Yes	15/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/07/2017	Yes	Yes	Yes	Yes	Yes	PB	14/04/2015
21			Yes	17/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	02/01/2017	Yes	Yes	Yes	Yes	Yes	PB	16/04/2015
22			Yes	18/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	17/04/2015
23			Yes	18/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	24/01/2017	Yes	Yes	Yes	Yes	Yes	PU	17/04/2015
24			Yes	18/04/2015	Yes	Yes	Yes	Yes	Yes	Yes	10/11/2018	Yes	Yes	Yes	Yes	Yes	PB	17/04/2015

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
25			Yes	21/04/2015	Yes	Yes	Yes	Yes	No	18/04/2015	Yes	Yes	Yes	Yes	Yes	PB	16/04/2015
26			Yes	22/04/2015	Yes	Yes	Yes	Yes	Yes	27/09/2017	u/k	Yes	Yes	No	Yes	PU	18/04/2015
27			Yes	22/04/2015	Yes	Yes	Yes	Yes	Yes	05/07/2019	Yes	Yes	Yes	Yes	Yes	PB	20/04/2015
28			Yes	24/04/2015	No	No	Yes	Yes	Yes	09/12/2015	Yes	Yes	No	No	Yes	PU	23/04/2015
29			Yes	26/04/2015	No	No	Yes	Yes	Yes	09/12/2015	Yes	Yes	Yes	Yes	Yes	PU	18/04/2015
30			Yes	29/04/2015	Yes	Yes	Yes	Yes	Yes	31/07/2018	u/k	Yes	Yes	Yes	Yes	PB	28/04/2015
31			Yes	04/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	03/04/2015
32			Yes	04/05/2015	No	No	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	03/05/2015
33			Yes	05/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	04/05/2015
34			Yes	06/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	05/05/2015
35			Yes	06/05/2015	Yes	Yes	No	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	05/05/2015
36			Yes	07/05/2015	Yes	Yes	No	Yes	Yes	31/03/2016	Yes	Yes	Yes	Yes	Yes	PB	06/05/2015
37			Yes	07/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	06/05/2015
38			Yes	09/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	08/05/2015
39			Yes	09/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	08/05/2015
40			Yes	10/05/2015	Yes	Yes	Yes	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	15/09/2015
41			Yes	10/05/2015	Yes	Yes	No	Yes	Yes	31/03/2017	Yes	Yes	Yes	Yes	Yes	PB	09/05/2015
42			Yes	14/05/2015	Yes	Yes	Yes	Yes	Yes	10/07/2018	Yes	Yes	Yes	Yes	Yes	PB	13/05/2015
43			Yes	15/05/2015	Yes	Yes	Yes	Yes	Yes	07/10/2018	Yes	Yes	Yes	Yes	Yes	UB	13/05/2015
44			Yes	17/05/2015	Yes	Yes	Yes	Yes	Yes	11/11/2018	Yes	Yes	Yes	Yes	Yes	PU	15/05/2015
45			Yes	18/05/2015	Yes	Yes	Yes	Yes	Yes	11/04/2017	Yes	Yes	Yes	Yes	Yes	PB	17/05/2015
46			Yes	19/05/2015	Yes	Yes	Yes	Yes	Yes	22/12/2018	Yes	Yes	Yes	Yes	Yes	PB	18/05/2015
47			Yes	19/05/2015	Yes	Yes	Yes	Yes	Yes	11/03/2016	Yes	Yes	Yes	Yes	Yes	PB	18/05/2015

Comments.

Table 7 Comments from inspections

No	Comments
12	PNC issued for an unbound logbook, loose sheets were presented to the observer and appeared to be of the variety used by XXX vessels. The Captain explained that they had recently rotated the crew and the previous Captain had taken the logbooks with him containing the bound pink copies of the log, leaving the loose white sheets with the replacement Captain. (Figure 18)
19	When presented with the VMS unit for the vessel the observer noted that the unit was not displaying a power light that was visible, this was commented on to the vessel Captain who insisted that the unit worked but despite toying with the unit and switching it on and off could not produce a working light. (Figure 15)
23	As the vessel approached the CV the observer noted that the bow markings were unworkable and the vessels identification could not be made out clearly. (Figure 3) The Captain of the LSPLV had removed both sets of logbook pages from the XXX type logbook, though recognised as genuine pages they were removed. These were to be given to the CO of the CV who was to return them to the LSPLVs home port in XXX, the LSPLV Captain did produce the logbook and demonstrate where the page was from, the next day's log was still attached and the page numbers were consecutive. (Figure 19)
24	As the LSTLV approached the observer noted that the bow marking on the vessel was unworkable and identifying the vessel from these markings was not possible. (Figure 4)
25	The license for this vessel had expired on the 18/04/2015. During the inspection it was observed that the logbook final entry was for the 16/04/2015 and that no fishing had taken place since that time, the fishing log from 17/04/2015 up to the date of inspection (21/04/2015) was empty.
26	The vessels license was mostly written in XXX, the section concerning the area of operations was wholly written in XXX and so the observer could not establish the area of operations. (Figure 13) The fishing log produced by the vessels Captain was printed but was of individual loose pages. (Figure 20) VMS unit displayed no power light, however there was no actual power light on this particular unit and the observer was unable to discern whether the unit was on or not. (Figure 16)
28	As the LSPLV approached it was observed that no painted call sign could be seen on the vessels hull or superstructure (Figure 8), no record of the call sign was available at all on vessel nor did the officers on the CV have any record of a call sign. The name of the vessel was painted in reverse of its official recording xx being painted on the vessels hull and stern. (Figure 5) During the inspection when the observer asked concerning the vessels VMS unit the Captain stated plainly that he did not have one. The logbook pages presented to the observer were of a monthly variety rather than the more often observed daily type, that said there were only two loose pages given to the observer that were stapled together, they were not bound or appeared to be pages from a completed logbook, in addition the pages were not numbered. (Figure 21)
29	The observer recorded a call sign DTBS8 painted on the side of the vessel rather than its ICCAT record of J8QJ7 (Figure 7) in addition the vessels name was printed in reverse xxx being displayed on the vessel rather than its ICCAT record xxx. (Figure 6) The presented logbook consisted of loose pages and was not bound it was also not up to date with the last entry being on 18/04/2015. (Figure 22) The observer was shown a power unit on the bridge for a VMS unit which appeared to be switched on however the actual VMS unit was on the antenna array deck above the bridge, this unit was covered with protective canvas that the LSPLV Captain was unwilling to remove. This made an identification of the VMS unit impossible. (Figure 17)

No	Comments
30	The vessel produced a fishing license that was wholly written in XXX. The CO of the CV translated the license for the observer and the expiry date and issuing authority were discovered but there was no area of operations section in the license and therefore this could not be established. (Figure 14)
32	During verification of the LSTLV vessel marking's the displayed call sign for the vessel read XXX and not the RFMO record of XXX (Figure 9)
35	On the fishing vessels declaration and license the vessel registration was recorded as XXX, this was in conflict with its RFMO registration XXX (Figure 10)
36	The vessels license and declaration recorded the vessels registration number was recorded as XXX, this was not the same as the RFMO record of XXX
41	On the fishing vessels license and declaration the ships registration was recorded as XXXthis was in conflict with the vessels RFMO record of XXX (Figure 12)
43	The vessel Captain presented official XXX logbooks but it was noted and commented on that the last date in the logbook was 16/10/2014. The vessel Captain then presented an A4 pad with a hand written log of their fishing effort, this log was for May only completed up to the 13/05/2015, the Captain claimed to have not been fishing on 14/05/2015. The Captain stated that the previous Captain had left the vessel at the beginning of May and taken the vessels logbooks with him, the present Captain was awaiting new logbooks. (Figure 23)
44	The observer was presented with loose unbound logbook pages, these were the pink carbon copies from an official XXX logbook. The original logbooks had been packed and sealed in cardboard boxes for transfer to the CV to be sent back to the LSTLVs home port in XXX. These logbooks had been carefully packed and sealed so as to be waterproof and the Captain was reluctant to un pack them. The observer had no issue with the authenticity of the logbook pages. (Figure 24)

The observer made (18) Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
12				LNB		
19				VNL		
23				IIM	LNB	
24				IIM		
26				LNB	AIA	
28				LNB	IIM	VNP
29				OTH	LNB	IIM
30				AIA		
35				OTH		
36				OTH		
41				OTH		
43				LNN		
44				LNB		

8.1 Verifying vessel name / RFMO number and National Registration Number.

The following vessels had issues with identification markings.

XXX (Figure 3)

XXX (Figure 4)

xxx (Figure 5)

xxx (Figure 6)

Figure 3 XXXwith partially obscured bow markings.

Figure 4 XXXwith partially obscured bow markings.

Figure 5 xxx with incorrect bow markings.

Figure 6 xxx with incorrect bow markings.

Vessels with issues concerning identification markings.

The following vessels had issues with callsign markings

DAE SUNG 226 (Figure 7)

DAE SUNG 216 (Figure 8)

XXX (Figure 9)

Figure 7 xxx displaying incorrect callsign.

Figure 8 xxx with missing call sign.

Figure XXX displaying incorrect callsign.

The following vessels had issues concerning registration numbers.

Vessel registration numbers recorded on the ATFs of the following vessels differed from that indicated in the ICCAT vessel list.

XXX (Figure 10)

XXX (Figure 11)

XXX (Figure 12)

Figure 9 XXX registration number.

Figure 10 XXX registration number.

Figure 11 XXX registration number.

8.2 Issues with Fishing Licence, logbooks or VMS

The following vessels presented licences that were wholly or partially written in their own languages and the observer was unable to verify some or all of the vessels details.

XXX (Figure 13)

XXX (Figure 14)

Figure 12 XXXlicense.

Figure 13 XXX license.

The following vessels had issues WITH VMS units.

XXX (Figure 15)

XXX (Figure 16)

xxx (Figure 17)

Figure 14 XXXVMS unit with power light not working.

Figure 15 XXXVMS unit with no power light.

Figure 16 xxxVMS unit covered with protective canvas.

The following vessels had issues with their logbooks.

XXX (Figure 18)

XXX (Figure 19)

XXX (Figure 20)

xxx (Figure 21)

xxx (Figure 22)

XXX (Figure 23)

XXX (Figure 24)

Figure 17 XXX printed but unbound logbook.

Figure 18 XXX printed but unbound logbook.

Figure 19 XXX printed but unbound logbook.

Figure 20 xxx printed but unbound logbook.

Figure 21 xxx printed but unbound and out of date logbook.

Figure 22 XXX unprinted but bound logbook.

Figure 23 XXX printed but unbound logbook.

9 Other Observer Tasks.

9.1 CV waste disposal

Chitose did not use an incinerator nor did they recycle waste. Waste was bagged and placed in two large containers at the stern of the vessel, for disposal when returning to port. (Figure 25, Figure 26).



Figure 24 CHITOSE waste bin.



Figure 25 CHITOSE waste bin.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during the deployment.

9.3 Marine mammals.

No marine mammals were seen during the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 9 Non ROP Transhipments

Vessel	IRCS	Reg No	RFMO No	Date	Position	Bait (t)	Fuel K/Lt	Engine Oil (200l Barrel)
				03/04/2015	08'28'S - 05'58'E	20.00	50.00	
				17/04/2015	05'57'S - 19'21'W			10
				17/04/2015	05'57'S - 19'21'W			10
				17/04/2015	05'58'S - 19'20'W		22.00	
				20/04/2015	04'16'N - 21'06'W	20.00		
				21/04/2015	04'59'N - 25'00'W	14.00		5
				24/04/2015	06'59'N - 26'26'W			18
				25/04/2015	07'33'N - 27'55'W			18
				26/04/2015	07'28'N - 27'59'W			12
				27/04/2015	07'31'N - 27'26'W			5
				27/04/2015	07'31'N - 27'26'W	13.0		1
				27/04/2015	07'31'N - 27'26'W	13.0		27
				27/04/2015	07'30'N - 27'26'W	4.0		7
				29/04/2015	11'01'N - 28'59'W	50.0	100	22
				13/05/2015	09'26'N - 30'23'W	20.0		2

Table 10 In port (Mindelo, Cape Verde) transhipments of tuna and tuna-like products

Vessel	IRCS	Reg No	RFMO No	Date	Transshipment (t)
				01/05/2015	104.5
				02/05/2015	180.5

Figure 26 XXX drying possible thresher shark fins

ICCAT

Observer Report



Trip Number:	001
Vessel Name:	Meita Maru
ICCAT Ref. No.	AT000VUT00024
Observer Name:	Rebeca Ocon Rodriguez
Cruise Dates:	From: 27/03/2015 To: 27/04/2015

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and MRAG Ltd., Rebeca Ocon Rodriguez (ROP no. 124) joined the Vanuatu registered Carrier Vessel (CV) Meita Maru (RFMO No AT000VUT00024) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from (27/03/2015) to (27/04/2015).

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition, when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Meita Maru	Call sign:	YJQE8
Port of registration:	Port Vila, Vanuatu	Flag State:	Vanuatu
Owner:	Toei Reefer Line Ltd.	Charterer:	-
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4069,97
Size (GRT):	3802	Length (LOA):	106,86
On-board acoustic equipment:		Absent	
Position fixing equipment:		Bridge	
Vessel monitoring system (present/absent):		Present	
Radar:		Present (BR 3200 - X29M (ID-509))	
Communications equipment:		HF, MF, VHF, INMARSAT, NAVTEX	
Plotters:		Absent	
Tuna products already on board (Quantity)		No	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	28/03/2015
Method of embarkation*	Transfer vessel in port
Date of departure	29/03/2015
Date of first transshipment	04/04/2015
Date of last transshipment	16/04/2015
Date of return	27/04/2015
Date of disembarkation	27/04/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Tangier, Morocco

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made five transshipments at sea. The locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

Figure 1 Location of transshipments.

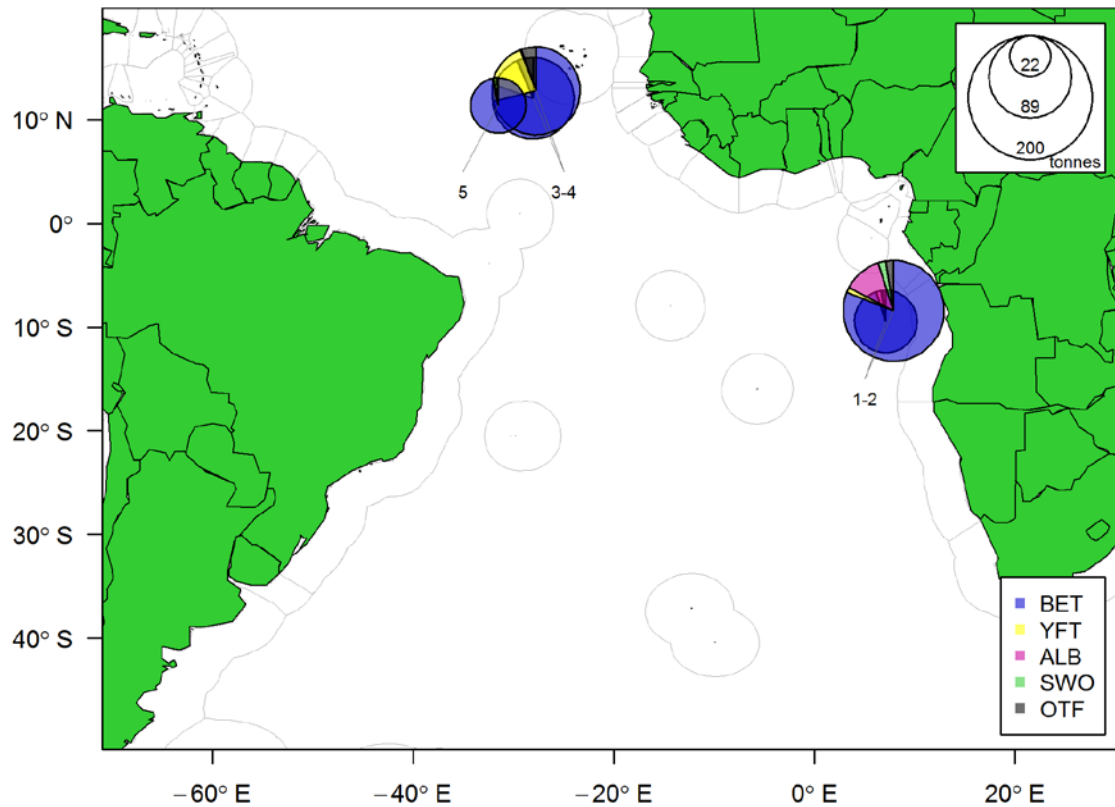


Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	5

Comments:

In addition, there were two non-ROP transshipments of bait (Table 11)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	04/04/2015	09°27,885 S	007°04,872 E	4:50	100
2				Yes	05/04/2015	08°25,682 S	007°52,384 E	5:30	100
3				Yes	13/04/2015	12°03,005 N	028°02,366 W	2:00	100
4				Yes	14/04/2015	12°45,859 N	027°45,661 W	3:05	100
5				Yes	16/04/2015	11°21,354 N	031°31,548 W	8:05	100

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	89.84	85.11	15.36	14.00	0.24	0.24	6.63	6.633	112.07	105.98	-6.09	-5.74
2	89.50	87.94	28.87	28.35	0.64	0.73	6.94	6.698	125.95	123.72	-2.23	-1.80
3	48.79	46.87	0.13	0.13	1.05	0.89	0.72	0.68	50.68	48.57	-2.12	-4.36
4	60.45	58.81	0.17	0.17	1.04	0.69	2.64	2.367	64.29	62.04	-2.24	-3.62
5	137.04	130.85	3.84	2.73	4.37	4.26	24.64	23.929	169.88	161.77	-8.12	-5.02

Comments:

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3. A breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Other fish Unclassified	-	Unknown	6.67	1.28	9.83	1.96
Albacore	<i>Thunnus alalunga</i>	Unknown	22.32	4.27	21.75	4.33
Atlantic blue marlin	<i>Makaira nigricans</i>	Unknown	12.58	2.41	8.72	1.74
Bigeye tuna	<i>Thunnus obesus</i>	Unknown	425.60	81.40	409.58	81.58
Swordfish	<i>Xiphias gladius</i>	Unknown	7.33	1.40	6.81	1.36
Yellowfin tuna	<i>Thunnus albacares</i>	Unknown	48.38	9.25	45.39	9.04

Comments:

The ICCAT Transshipment Declaration template on Meita Maru had no column indicating stock ID, and the Captain told the observer that the template had been provided by the Flag State Authority and could not be modified. For this reason, and because no LSTLVs were able to supply stock IDs, no stock IDs were recorded.

'Other fish' included bigeye tuna eggs and stomachs transhipped in sacks, small pieces of bigeye tuna transhipped in sacks and small mixed fish species transhipped in nets. Atlantic blue marlin (*M. nigricans*) was transhipped as 'other fish' by XXX

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

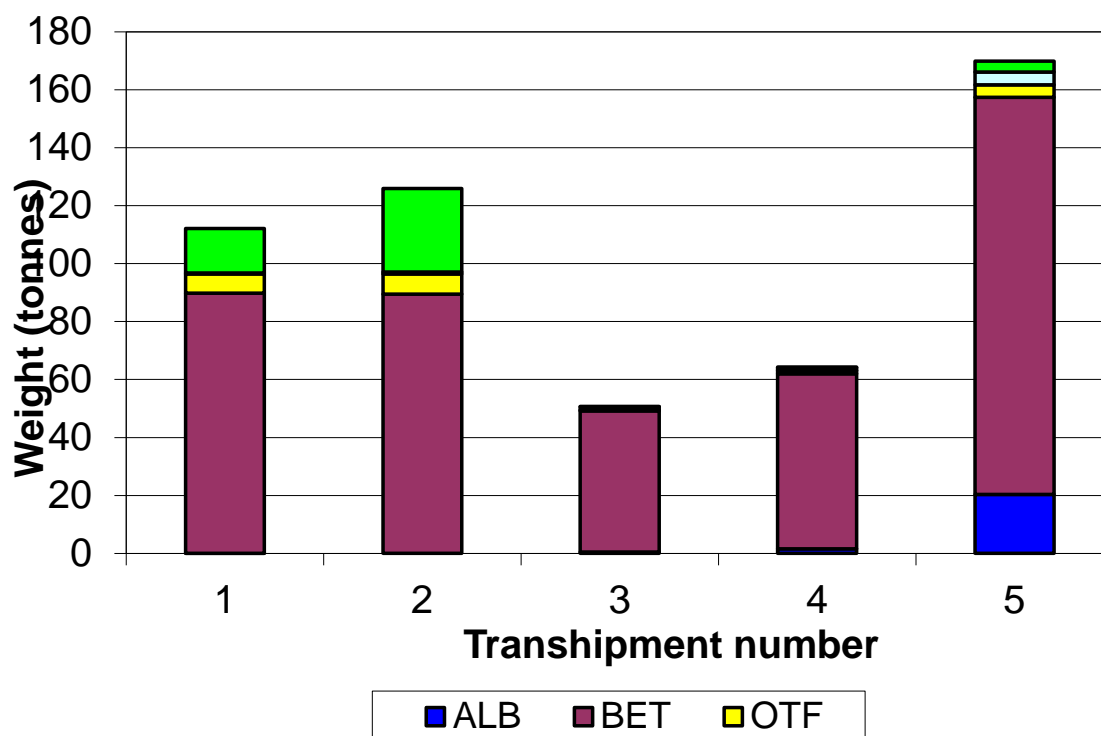


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified	-	19.79
Albacore	<i>Thunnus alalunga</i>	20.95
Atlantic blue marlin	<i>Makaira nigricans</i>	113.37
Bigeye tuna	<i>Thunnus obesus</i>	49.62
Swordfish	<i>Xiphias gladius</i>	44.15
Yellowfin tuna	<i>Thunnus albacares</i>	33.09

Comments:

Bigeye (*T. obesus*) and yellowfin (*T. albacares*) tuna were transhipped as gilled and gutted product. Swordfish (*X. gladius*) were transhipped as fillets. Atlantic blue marlin (*M. nigricans*) were transhipped as dressed weight. During transhipment with MATSUEI MARU No.28, Atlantic blue marlin were declared as fillets, but observed as head off product. Albacore (*T. alalunga*) were transhipped as round weight.

Observer estimates of weights transhipped were derived from LSTLV supplied average weights multiplied by observed number of pieces.

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped during this deployment

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	04/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	F	Yes	Yes	Yes	PU	03/04/2015
2			Yes	05/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/04/2015
3			Yes	13/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	12/04/2015
4			Yes	14/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	11/04/2015
5			Yes	16/04/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	15/04/2015

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 7 Comments from inspections

No	Comments
1	<ul style="list-style-type: none">- Authorisation to tranship was not available onboard. It was faxed through to the CV after inspection and during the transhipment operation.- PNCs regarding Fishing Logbook were generated.- Logbook was printed but unbound
2	<ul style="list-style-type: none">- PNCs regarding Fishing Logbook were generated.- Logbook was printed but unbound
3	<ul style="list-style-type: none">- PNCs regarding Fishing Logbook were generated.- Logbook was printed but unbound
4	<ul style="list-style-type: none">- A total of 64.0 ton of SWO remained onboard F/V after transhipment. This quantity will be landing on Las Palmas de Gran Canarias Port (Canary Islands - Spain).- PNCs regarding Fishing Logbook were generated.- Logbook was printed but unbound
5	<ul style="list-style-type: none">- A total of 1,134 ton remained onboard after the transhipment. This quantity was:<ul style="list-style-type: none">1,080 ton = Sharks DR0,054 ton = Sharks finsIt was not transhipped to C/V because the before night, C/V Company called to Master and asked him cancel the transhipment of shark products due to Company could have problems for landing them.- PNCs regarding Fishing Logbook were generated.- Logbook was printed but unbound

The observer made 5 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1	LNB	LNN	
2			2	LNB	LNN	
3			3	LNB	LNN	
4			4	LNB	LNN	LND
5			5	LNB	LNN	

Comments:

8.1 Verifying vessel name / RFMO number and National Registration Number.

No issues were encountered.

8.2 Issues with Fishing Licence, logbooks or VMS

The logbooks of the following vessels were printed and unbound, and the pages were not clearly sequentially numbered:

XXX (Figure 3), XXX (Figure 4), XXX (Figure 5), XXX (Figure 6) and XXX (Figure 7).

Figure 3 Logbook of XXX bound only with plastic binders

Figure 4 Logbook of XXX bound only with string

Figure 5 Logbook of XXX bound only with plastic binders

Figure 6 Logbook of XXX bound only with plastic binders

Figure 7 Logbook of XXX bound only with plastic binders

9 Other Observer Tasks.

9.1 CV waste disposal

Waste was retained on board for later disposal onshore.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen.

9.3 Marine mammals.

No marine mammals were observed during the deployment

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix.

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		03/04/2015	10°54.485 S	09°18.329 E	2554 c/s of bait were transhipped from CV to FV	Yes
		15/04/2015	11°21.527 N	28°04.435 W	2000 c/s of bait were transhipped from CV to FV	Yes

ICCAT

Observer Report



Trip Number:	168-15
Vessel Name:	IBUKI
ICCAT Ref. No.	AT000PAN00163
Observer Name:	Jonathan Newton
Cruise Dates:	03/05/2015 to 27/06/2015

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of Capricorn Fisheries Monitoring and MRAG, the observer Jonathan Newton (ROP No.029) joined the Panama registered Carrier Vessel (CV) IBUKI (AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 03/05/2015 to 27/06/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	IBUKI	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	284.042 cuft
Size (GRT):	6558 ton	Length (LOA):	134.15
On-board acoustic equipment:	Furuno Echo Sounder		
Position fixing equipment:	Furuno Navigator GPS X2,		
Vessel monitoring system (present/absent):	Present		
Radar:	Furuno RCU-01 X2		
Communications equipment:	Furuno VHF RC-8900 X2, Furuno FS-2575C radio console.		
Plotters:	None		
Tuna products already on board (Quantity)	Nil		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	03/05/2015
Method of embarkation*	Portside
Date of departure	03/05/2015
Date of first transshipment	09/05/2015
Date of last transshipment	16/06/2015
Date of return	27/06/2015
Date of disembarkation	27/06/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Panama

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV made a total of 49 fish transshipments at sea, receiving a total of 3506.914 tons of tuna and tuna like species. The maximum weight transferred was 152.742 tons and the minimum weight was 26.812 tons with an average weight of 71.530 tons.

The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV conducted one in-port transshipment within the port limits of Walvis Bay (Appendix 1) and also conducted 4 non ICCAT supply transfers (Appendix 2).

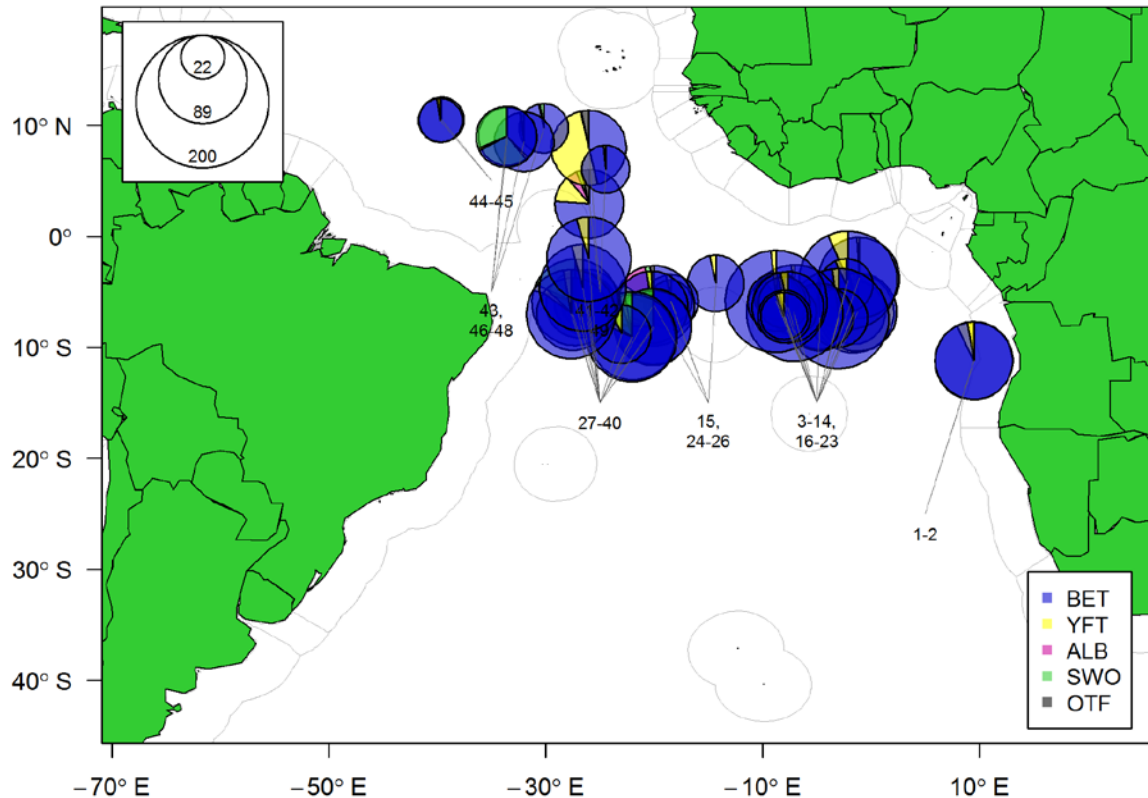


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
Belize	1
China, P.R.	15
Chinese Taipei	23
Japan	8
Korea, Republic of	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	09/05/15	11°13.86 S	009°27.45 E	02:40	100.00%
2				Yes	09/05/15	11°10.96 S	009°29.4 E	03:30	100.00%
3				Yes	12/05/15	06°51.98 S	001°36.25 W	01:35	100.00%
4				Yes	12/05/15	06°49.17 S	001°38.74 W	02:00	100.00%
5				Yes	12/05/15	06°49.86 S	001°14.71 W	03:00	100.00%
6				Yes	13/05/15	03°44.05 S	001°07.23 W	02:00	100.00%
7				Yes	14/05/15	03°56.78 S	002°06.7 W	03:00	100.00%
8				Yes	14/05/15	04°23.71 S	002°17.39 W	01:50	100.00%
9				Yes	15/05/15	07°23.77 S	002°59.7 W	01:20	100.00%
10				Yes	15/05/15	07°21.61 S	003°01.41 W	03:45	100.00%
11				Yes	16/05/15	07°18.7 S	004°42.7 W	03:10	100.00%
12				Yes	16/05/15	07°16.49 S	004°45.05 W	04:10	100.00%
13				Yes	17/05/15	06°54.64 S	007°03.37 W	03:45	100.00%
14				Yes	17/05/15	06°50.06 S	007°06.64 W	07:35	100.00%
15				Yes	19/05/15	04°13.23 S	014°19.52 W	02:55	100.00%
16				Yes	20/05/15	05°26.53 S	008°46.68 W	05:45	100.00%
17				Yes	21/05/15	05°28.29 S	008°34.62 W	02:10	100.00%
18				Yes	21/05/15	05°54.54 S	008°42.63 W	03:25	100.00%
19				Yes	21/05/15	05°50.58 S	008°46.05 W	04:00	100.00%
20				Yes	22/05/15	06°23.39 S	007°40.92 W	06:10	100.00%
21				Yes	23/05/15	07°13.16 S	007°59.88 W	01:35	100.00%
22				Yes	23/05/15	07°10.72 S	008°01.7 W	08:10	100.00%
23				Yes	24/05/15	05°57.25 S	008°02.17 W	00:45	100.00%
24				Yes	26/05/15	05°53.06 S	018°26.69 W	01:40	100.00%
25				Yes	26/05/15	05°52.64 S	018°29.41 W	01:55	100.00%
26				Yes	27/05/15	06°14.88 S	019°59.9 W	01:40	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
27				Yes	27/05/15	06°22.96 S	020°13.43 W	02:50	100.00%
28				Yes	28/05/15	08°12.1 S	020°01.28 W	02:05	100.00%
29				Yes	25/05/15	08°09.9 S	020°06.93 W	02:25	100.00%
30				Yes	29/05/15	09°04.81 S	021°59.85 W	03:00	100.00%
31				Yes	29/05/15	09°02.81 S	022°04.04 W	02:15	100.00%
32				Yes	30/05/15	08°48.53 S	023°01.04 W	01:10	100.00%
33				Yes	31/05/15	05°59.62 S	026°02.39 W	04:40	100.00%
34				Yes	31/05/15	05°56.82 S	026°10.63 W	04:30	100.00%
35				Yes	01/06/15	06°08.03 S	026°53.71 W	03:25	100.00%
36				Yes	01/06/15	05°56.33 S	027°18.23 W	04:30	100.00%
37				Yes	02/06/15	06°59.98 S	027°30.29 W	04:55	100.00%
38				Yes	02/06/15	06°59.93 S	027°40.76 W	06:00	100.00%
39				Yes	03/06/15	04°37.51 S	026°35.46 W	02:40	100.00%
40				Yes	04/06/15	02°02.99 S	026°01.88 W	02:35	100.00%
41				Yes	05/06/15	02°55.47 N	026°00.08 W	03:20	100.00%
42				Yes	07/06/15	07°58.9 N	026°02.12 W	02:20	100.00%
43				Yes	10/06/15	09°44.5 N	030°11.35 W	06:25	100.00%
44				Yes	11/06/15	10°30.78 N	039°36.04 W	04:00	100.00%
45				Yes	11/06/15	10°27.3 N	039°42.41 W	08:20	100.00%
46				Yes	13/06/15	09°00.75 N	033°32.39 W	04:55	100.00%
47				Yes	13/06/15	08°58.45 N	033°37.74 W	05:55	100.00%
48				Yes	14/06/15	08°30.54 N	031°59.97 W	06:30	100.00%
49				Yes	16/06/15	06°03.05 N	024°28.96 W	04:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	51.827	52.92	10.57	8.792	1.883	1.312	4.716	6.397	68.996	69.421	0.42	0.61%
2	29.118	38.491	41.893	41.521	0.262	0.287	2.53	2.758	73.803	83.057	9.25	11.14%
3	32.033	33.3	0.53	0.53	0	0	0	0	32.563	33.83	1.27	3.75%
4	33.613	34.78	0.312	0.187	0.972	0.972	0	0	34.897	35.939	1.04	2.90%
5	51.339	51.138	0	0.183	0.94	0.94	0	0	52.279	52.261	-0.02	-0.03%
6	19.245	18.816	0.515	0.744	31.504	30.36	0	0	51.264	49.92	-1.34	-2.69%
7	38.401	36.898	0.494	0.584	18.733	17.093	0	0	57.628	54.575	-3.05	-5.59%
8	32.888	28.934	0.598	0.778	0	0	0	0	33.486	29.712	-3.77	-12.70%
9	27.611	27.798	0.863	0.75	0	0	0	0	28.474	28.548	0.07	0.26%
10	89.097	1.73	1.046	93.155	0	0	0	0	90.143	94.885	4.74	5.00%
11	59.363	59.619	1.814	1.27	0	0	0	0	61.177	60.889	-0.29	-0.47%
12	84.63	86.97	1.998	3	0	0	0	0	86.628	89.97	3.34	3.71%
13	92.38	95.278	0.397	0.759	0	0	0	0	92.777	96.037	3.26	3.39%
14	127.477	132.43	8.953	9.588	0	0	0	0	136.43	142.018	5.59	3.93%
15	39.88	38.761	2.868	2.868	0	0	0	0	42.748	41.629	-1.12	-2.69%
16	143.447	144.874	2.482	3.094	0	0	0	0	145.929	147.968	2.04	1.38%
17	54.215	49.282	0.314	0.762	0	0	0	0	54.529	50.044	-4.49	-8.96%
18	56.632	58	0.564	1.334	0	0	0	0	57.196	59.334	2.14	3.60%
19	69.782	66.579	0.18	0.54	0	0	0	0	69.962	67.119	-2.84	-4.24%
20	124.086	135.687	1.133	1.385	0	0	0	0	125.219	137.072	11.85	8.65%
21	29.656	30	0	0	0	0	0	0	29.656	30	0.34	1.15%
22	147.395	150.144	1.538	2.598	0	0	0	0	148.933	152.742	3.81	2.49%
23	27.199	25.646	2.334	2.775	0	0	0	0	29.533	28.421	-1.11	-3.91%
24	31.725	30	0	0	0	0	0	0	31.725	30	-1.73	-5.75%
25	48.063	49	0.5	1	0	0	0	0	48.563	50	1.44	2.87%
26	37.6	37.542	0.774	1.271	0	0	0	0	38.374	38.813	0.44	1.13%
27	72.012	72.803	2.388	2.588	0	0	0	0	74.4	75.391	0.99	1.31%
28	38.81	39.636	1.3	1.351	0	0	0	0	40.11	40.987	0.88	2.14%
29	29.576	30.648	0.618	1.854	0	0	0	0	30.194	32.502	2.31	7.10%
30	46.596	45.492	1.868	1.584	0	0	0	0	48.464	47.076	-1.39	-2.95%
31	41.053	41.931	1.118	1.26	0	0	0	0	42.171	43.191	1.02	2.36%
32	26.29	26.291	0.391	0.521	0	0	0	0	26.681	26.812	0.13	0.49%
33	79.669	76.737	1.643	3.18	3.15	2.052	11.564	12.683	96.026	94.652	-1.37	-1.45%
34	78.706	75	0.389	1.7	0	0	0	0	79.095	76.7	-2.40	-3.12%
35	61.793	63.671	1.798	1.876	15.389	15.089	0	0	78.98	80.636	1.66	2.05%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
36	60.311	65.603	0.693	0.785	21.18	20.493	0	0	82.184	86.881	4.70	5.41%
37	98.799	102.52	2.25	2.21	3.168	3.28	0	0	104.217	108.01	3.79	3.51%
38	111.988	98.069	2.587	3.682	16.608	17.978	0	0	131.183	119.729	-11.45	-9.57%
39	48.729	46.444	2.619	3.638	0	0	0	0	51.348	50.082	-1.27	-2.53%
40	57.583	40.976	1.687	1.578	0	0	0	0	59.27	42.554	-16.72	-39.28%
41	62.175	59.735	3.271	4.361	0	0	0	0	65.446	64.096	-1.35	-2.11%
42	52.422	53.687	6.05	7.695	1.027	0.975	1.582	3.451	61.081	65.808	4.73	7.18%
43	84.79	87.382	1.431	2.505	19.098	20.109	0	0	105.319	109.996	4.68	4.25%
44	63.797	65.679	1.122	1.786	8.429	10	0	0	73.348	77.465	4.12	5.31%
45	108.624	113.831	3.512	3.099	0	0	0	0	112.136	116.93	4.79	4.10%
46	99.451	106.058	4.347	4.552	0	0	0	0	103.798	110.61	6.81	6.16%
47	110.002	100.05	4.019	4.956	0	0	0	0	114.021	105.006	-9.02	-8.59%
48	93.792	82.342	2.387	6.344	0	0	0	0	96.179	88.686	-7.49	-8.45%
49	81.612	86.457	2.429	2.453	0	0	0	0	84.041	88.91	4.87	5.48%

Comments:

Transhipments 2 and 8: The conditions made the accurate estimation of the transhipped fish very difficult. The strings transferred were very large and spun around quite fast. This, combined with a rapid transfer time, made an accurate estimate count difficult.

Transshipment 40: The LSPLV declared 40.976 tons of big eye tuna (*Thunnus obesus*) consisting of 592 fish. The average weight calculated from the declared amounts was 69.216 kg. The declared average weigh compared relatively closely to the observer's visual average estimation of 67 kilograms. The observer was confident his estimation of 832 fish transhipped was accurate. The CV master commented that the CV estimated the amount received exceeded the amount declared by the LSPLV.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	0.00	0.00%	0.33	0.01%
Albacore	<i>Thunnus alalunga</i>	All	12.90	0.37%	16.03	0.46%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.25	0.15%	6.55	0.19%
Bigeye tuna	<i>Thunnus obesus</i>	All	3187.28	91.52%	3095.66	88.27%
Black marlin	<i>Makaira indica</i>	All	1.58	0.05%	1.98	0.06%
Mako sharks	<i>Isurus spp</i>	All	0.55	0.02%	0.38	0.01%
Opah	<i>Lampris guttatus</i>	All	0.18	0.01%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	142.34	4.09%	140.94	4.02%
Various sharks nei	<i>Selachimorpha(Pleurotre mata)</i>	All	0.02	0.00%	0.02	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	132.59	3.81%	245.03	6.99%

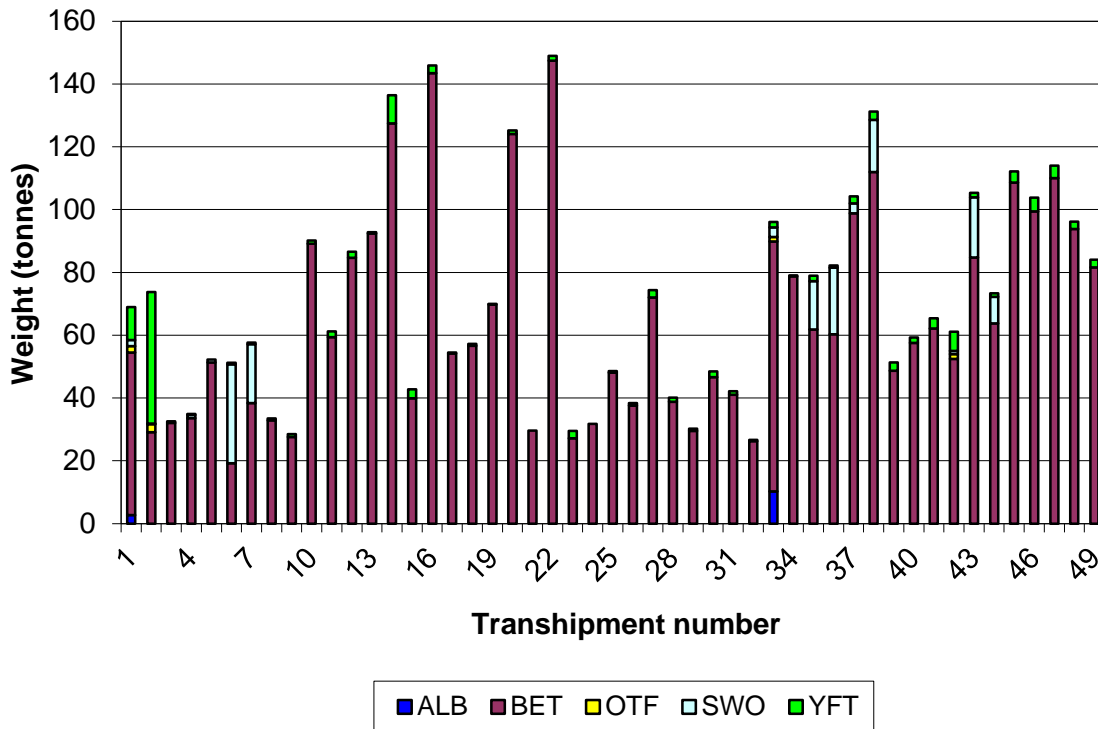


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
-------------	-----------------	---------------------

Albacore	<i>Thunnus alalunga</i>	19.70
Atlantic blue marlin	<i>Makaira nigricans</i>	97.24
Bigeye tuna	<i>Thunnus obesus</i>	43.12
Black marlin	<i>Makaira indica</i>	79.10
Mako sharks	<i>Isurus spp</i>	34.50
Opah	<i>Lampris guttatus</i>	11.38
Swordfish	<i>Xiphias gladius</i>	58.60
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	15.00
Yellowfin tuna	<i>Thunnus albacares</i>	35.49

Comments: The main species transhipped to the CV were big eye tuna (*T. obesus*), yellow fin tuna (*T. albacares*) and swordfish (*Xiphias gladius*).

All tunas (except the albacore [*T. alalunga*]) and marlins were gilled and gutted (GG). The *T. alalunga* were in the round. Sword fish (*X. gladius*) were filleted (FL) or to a lesser amount dressed. The sharks (*Isurus spp*) were filleted (FL).

The CV made use of two methods of transhipment. The method mainly used was to crane the fish in strings directly from the hold of the LSPLV to the hold of the CV. This was the faster transhipment method and allowed the least time to make estimations. The second method was to first hoist the fish from the hold of the LSPLV to the hauling deck of the LSPLV by means of the winches on board the LSPLV. The fish was then added to larger strings on the deck and hoisted to the CV by means of the CV winches.

A cargo net was not used on this deployment or crane scale. The observer obtained the average weight of each species from the amounts declared by the LSPLV. In addition, the observer estimated the weight of a number of fish per species to establish an average estimated weight.

The observer recovered shark tag number 34492 from the South Korean registered LSVLP. The date of catch was the 27/05/2015 at 20:30UTC at position 09 30N and 33 20W. The weight, length and specie not given. The information has been forwarded to the UK Shark .Nat Ocean Centre SOTON S014, 32H.UK

7 Southern bluefin tuna transhipments

No southern bluefin transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on-board LSPLVs

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook			
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type #	Last entry	
1			Yes	09/05/15	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Yes	Yes	Yes	Yes	Yes	PU	08/05/15
2			Yes	09/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	08/05/15
3			Yes	12/05/15	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/05/15
4			Yes	12/05/15	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/05/15
5			Yes	12/05/15	Yes	Yes	Yes	Yes	Yes	01/09/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/05/15
6			Yes	13/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	12/05/15
7			Yes	14/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	13/05/15
8			Yes	14/05/15	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	13/05/15
9			Yes	15/05/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	14/05/15
10			Yes	15/05/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	14/05/15
11			Yes	16/05/15	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	15/05/15
12			Yes	16/05/15	Yes	Yes	Yes	Yes	Yes	10/11/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	15/05/15
13			Yes	17/05/15	Yes	Yes	Yes	Yes	Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	16/05/15
14			Yes	17/05/15	Yes	Yes	Yes	Faxed	Yes	15/07/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	15/05/15
15			Yes	19/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	18/05/15
16			Yes	20/05/15	Yes	Yes	Yes	Yes	Yes	08/08/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	19/05/15
17			Yes	21/05/15	No	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	20/05/15
18			Yes	21/05/15	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	20/05/15

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type #	Last entry
19			Yes	21/05/15	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	21/05/15
20			Yes	21/05/15	Yes	Yes	Yes	Yes	Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	PB	21/05/15
21			Yes	23/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	22/05/15
22			Yes	23/05/15	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Yes	Yes	Yes	Yes	PB	22/05/15
23			Yes	24/05/15	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	Yes	Yes	PB	23/05/15
24			Yes	26/05/15	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Yes	Yes	Yes	Yes	PB	25/05/15
25			Yes	26/05/15	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	25/05/15
26			Yes	27/05/15	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Yes	Yes	Yes	Yes	PB	26/05/15
27			Yes	27/05/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	25/05/15
28			Yes	28/05/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	18/05/15
29			Yes	28/05/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	No	Yes	PB	27/05/15
30			Yes	29/05/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	No	No	Yes	PB	26/05/15
31			Yes	29/05/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	26/05/15
32			Yes	30/05/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	No	Yes	PB	30/05/15
33			Yes	31/05/15	Yes	Unk	NA*	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	30/05/15
34			Yes	31/05/15	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Yes	Yes	Yes	Yes	PB	30/05/15
35			Yes	01/06/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	30/05/15
36			Yes	01/05/15	Yes	Yes	NA*	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	30/05/15
37			Yes	02/06/15	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	01/02/15
38			Yes	02/05/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	01/06/15
39			Yes	03/06/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	02/06/15
40			Yes	04/06/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	30/06/15
41			Yes	05/06/15	Yes	Yes	Yes	Yes	Yes	31/12/15	Yes	Yes	Yes	Yes	Yes	PB	04/06/15
42			Yes	07/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	06/06/15

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook			
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type #	Last entry	
43			Yes	10/06/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	09/06/15
44			Yes	11/06/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/06/15
45			Yes	11/06/15	Yes	No	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/06/15
46			Yes	13/06/15	Yes	Yes	NA*	Yes	Yes	05/07/19	Yes	Yes	Yes	Yes	Yes	Yes	PB	12/06/15
47			Yes	13/06/15	No	Yes	NA*	Yes	Yes	27/09/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/06/15
48			Yes	14/06/15	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	13/06/15
49			Yes	16/06/15	Yes	Yes	Yes	Yes	Yes	11/11/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	13/06/15

#EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

* These LSPLVs did not display their National Registration Number markings

Table 7 Comments from inspections

No	LSPLV name	Comments
1		The fishing logbook was printed, not bound and the page were not marked with sequential page numbers. A PNC was issued to the LSPLV and a copy was given to the LSPLV captain. Figure 3 Fishing logbook of the LSPLV
2		The fishing logbook was printed, not bound and the page were not marked with sequential page numbers. A PNC was issued to the LSPLV and a copy was given to the LSPLV captain. Figure 4 Fishing logbook of the LSPLV
3		No comment.
4		No comment.

No	LSPLV name	Comments
5.		<p>The National Register Number (NRN) was obscured by the fouling on the hull of the LSPLV.</p> <p>Figure 5 Bow markings of the LSPLV</p>
6		<p>The fishing logbook was printed, unbound and the pages did not display printed sequential page numbers. The pages were kept in file. A PNC was completed and a copy was issued to the LSPLV captain.</p> <p>Figure 6 Fishing logbook of the LSPLV</p>
7		<p>The fishing logbook was printed, unbound and the pages did not display printed sequential page numbers. The last page was marked "41-4" on the top right hand corner. The loose pages were kept in a ring binder. The A PNC was to the LSPLV captain.</p> <p>Figure 7 Fishing logbook of the LSPLV</p>
8		No comment.
9		No comment.
10		No comment.
11		No comment.
12		<p>The name was displayed on the stern of the LSPLV did not match the name displayed on the bow of the LSPLV. The name was the same as the name provided in the ICCAT list of vessels.</p> <p>Figure 8 Bow markings of the LSPLV</p>
13		No comment.
14		The ATF produced by the master of the LSPLV was out of date. When asked about this, The master phoned his office and an in date ATF was faxed to the LSPLV immediately.
15		The logbook was printed and unbound. The pages were not marked with sequential page numbers and the loose pages were kept in a plastic folder. The last page was marked in pen as page 18. A PNC was issued and a copy was given to the LSPLV captain.

No	LSPLV name	Comments
		<p>Figure 9 Fishing logbook of the LSPLV</p>
16		No comment.
17		<p>The name displayed on the bow of the LSPLV did not concur with the vessel name provided in the ICCAT list of vessels. The name was displayed on the stern of the LSPLV.</p> <p>Figure 9 Bow markings of the LSPLV</p>
18		<p>The vessel name on the bow of the LSPLV was partially worn away. Although the weld marks of the name were all visible (and correct) at close range, the name appeared to be Without the "I" at the end) at longer distances.</p> <p>Figure 10 Bow markings of the LSPLV</p>
19		No comment.
20		No comment.
21		<p>The vessel logbook was printed, unbound and the pages were not numbered with sequential page numbers. The loose pages were kept in a plastic folder. A PNC was issued and a copy given to the LSPLV captain.</p> <p>Figure 11 Fishing logbook of the LSPLV</p>
22		<p>Fouling on the hull of the LSPLV obscured the NRN and LSPLV name on the bow of the LSPLV.</p> <p>Figure 12 Bow markings of the LSPLV</p>
23		No comment.
24		No comment.
25		No comment.

No	LSPLV name	Comments
26		The LSPLV was fitted with an ARGOS MARGE V2 unit. The unit appeared to be new. The aerial was mounted inside the wheelhouse and did not have a clear "view of the sky" as the steel wheelhouse roof was overhead.
27		The NRN was not displayed by the LSPLV. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
28		The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters " " was displayed together with Chinese characters. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
29		The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was displayed together with Chinese characters. The VMS power light was not on and the adjacent power switch in the off position. The master of the LSPLV switched the unit on when the observer indicated the unit was switched off. A PNC was issued (VNL and IMM) and a copy was given to the LSPLV captain. Figure 13 The VMS and associated power switch of the LSPLV
30		The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was displayed together with Chinese characters. The captain of the LSPLV could not identify the VMS power supply unit. The power lights were not on for the units which the captain thought where VMS power units. The observer checked various devices that appeared to be power supply units, but none were labelled as VMS power supply units. A Thrane &Thrane 3026S aerial was visible above the wheelhouse. A PNC was issued (IIM and VNL) and copy given to the LSPLV captain.
31		The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was displayed together with Chinese characters. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
32		The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was

No	LSPLV name	Comments
		<p>displayed together with Chinese characters. The power light of the VMS unit shown to the observer power was not illuminated. A PNC was issued (VNL and IIM) and a copy given to the master of the LSPLV.</p> <p>Figure 14 The unpowered VMS unit of the LSPLV</p>
33		<p>The LSPLV did not display the IRCS or the NRN on either side of the LSPLV. The vessel logbook was printed, unbound and not numbered with logical sequential numbers. The markings "38-①" was applied as a page number. A PNC was issued (LNB, LNN and IMM) and a copy was given to the LSPLV captain.</p> <p>Figure 15 Fishing logbook of the LSPLV</p>
34		No comment.
35		The NRN was not displayed by the LSPLV. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
36		The NRN was not displayed by the LSPLV. A PNC was issued (IMM) to the captain for not displaying the registration number.
37		The NRN was not displayed by the LSPLV. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
38		The NRN was not displayed by the LSPLV. A PNC was issued (IMM) and a copy given to the master of the LSPLV.
39		<p>The NRN was not displayed by the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was displayed together with Chinese characters. A PNC was issued (IIM) and a copy given to the master of the LSPLV.</p>
40		<p>The LSPLV NRN was not displayed on the LSPLV. The LSPLV name was not displayed in English on the stern of the vessel. Only the letters was displayed together with Chinese characters. A PNC was issued (IIM) and a copy given to the master of the LSPLV.</p>
41		No comment.

No	LSPLV name	Comments
42		<p>The vessel logbook was printed, unbound and not numbered with logical sequential page numbers. The last page was numbered 25-①. A PNC was issued (LNN and LNB) and a copy was given to the LSPLV captain.</p> <p>Figure 16 Fishing logbook of the LSPLV</p>
43		<p>The LSPLV did not display the LSPLV's NRN. A PNC (IMM) was issued and a copy was given to the master of the LSPLV.</p>
44		<p>The LSPLV did not display the NRN of the vessel.</p>
45		<p>The LSPLV displayed the IRCS on one of the hatch covers. The IRCS was not displayed on the side of the LSPLV. The IRCS displayed was not the same as the IRCS provided in the ICCAT vessel list. The LSPLV did not display the NRN of the vessel.</p> <p>Figure 17 IRCS markings of the LSPLV</p>
46		<p>The fishing logbook was printed and bound, but the pages were not numbered with sequential page numbers.</p>
47		<p>The LSPLV name was displayed on the bow and the stern of the vessel. The displayed vessel name did not concur with the LSPLV name provided in the ICCAT vessel list. The LSPLV did not display the NRN of the vessel.</p> <p>Figure 18 Markings of the LSPLV</p>
48		<p>No comment.</p>
49		<p>During the transshipment the LSPLV discharged an amount of oil in to the sea. The oil appeared to be diesel.</p> <p>Figure 19 Fuel oil spillage by the</p>

Table 8 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC 1	PNC 2	PNC 3
1	09/05/15			LNB	LNN	
2	09/05/15			LNB	LNN	
3	13/05/15			LNB	LNN	
4	14/05/15			LNB	LNN	
5	19/05/15			LNB	LNN	
6	23/05/15			LNB	LNN	
7	27/05/15			IIM		
8	28/05/15			IIM		
9	25/05/15			VNL	IIM	
10	29/05/15			VNP	IIM	
11	29/05/15			IIM		
12	30/05/15			VNL	IIM	
13	31/05/15			LNB	LNN	IIM
14	01/06/15			IIM		
15	01/06/15			IIM		
16	02/06/15			IIM		
17	02/06/15			IIM		
18	03/06/15			IIM		
19	04/06/15			IIM		
20	07/06/15			LNN	LNB	
21	10/06/15			IIM		

8.1 Verifying vessel name / RFMO number and National Registration Number.

The name markings of the LSPLVs x and xx did not concur with the vessel names provided in the ICCAT list of vessels.

The WEI CHING displayed the name “xx” on the bow of the vessel (Figure 9). The LSPLV displayed the correct name on the stern of the vessel.

The xx displayed the name “xx” on the bow and the stern of the LSPLV.

The following LSPLVs did not display the vessel NRN:

Transshipment no	LSPLV name
-------------------------	-------------------

8.2 Issues with Fishing Licence, logbooks or VMS.

The following LSPLVs made use of printed and unbound logbooks. The pages of these logs were not marked with sequential page numbers.

Transshipment no	LSPLV name
------------------	------------

The ARGOS VMS unit of the LSPLV was fitted with a power switch. The power switch was not switched on at the time of the on-board inspection (Figure 13).

During the inspection the observer checked various devices that appeared to be power supply units, but none were labelled as VMS power supply units. A Thrane &Thrane 3026S aerial was visible above the wheelhouse but could not be verified to be the VMS unit.

The LSPLV was fitted with a Sailor 3022D INMATSAT C unit. None of the LED lights were illuminated when inspected (Figure 14).

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had made use of colour codes bins to store waste in specific waste categories. Towards the end of the voyage the bins were full and the waste was stored on deck in bags. A net was secured around the full bags to ensure they remained on board.



Figure 20 Waste storage on board the CV

9.2 Unidentified or IUU vessels

None sighted

9.3 Marine mammals

Table 6 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
06/05/15	16:00	22 29.346S	14 03.872E	Common dolphin <i>Delphinus delphis</i>	6	travelling

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		21/05/2015	05 23.388S	07 04.921W	Bait and supplies and equipment.
		21/05/2015	06 15.336S	07 45.037W	Bait and food supplies.
		24/05/2015	05 53.055S	24 27.10W	Supplies
		17/06/2015	07 31.884N	24 27.580W	Bait. The IRCS had been painted over and was not visible on the LSPLV.
		19/06/2015	08 31 065N	34 39.657W	Bait

Appendix 2 In-Port Transhipment. Walvis Bay, Namibia

No	Name	RFMO No	Flag	Date	BET	YFT	ALB	SWO	OTF
1				06/05/15	41.181	1.619	6.531	3.998	1.753

ICCAT

Observer Report



Trip Number:	169/15
Vessel Name:	Futagami
ICCAT Ref. No.	AT000JPN00572
Observer Name:	Henry John Heyns
Cruise Dates:	From: 11/05/2015 to 13/07/2015

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and Capricorn Fisheries Monitoring cc, Henry John Heyns joined the Japanese registered Carrier Vessel (CV) Futagami (ICCAT request no: 169/15), as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 11/05/2015 to 13/07/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	YJQJ8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Navisa Marine S.A.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,029.75 m ²
Size (GRT):	2,581	Length (LOA):	88.94 m
On-board acoustic equipment:		None	
Position fixing equipment:		2 x Furuno (GP-150) + 1 x JRC (JLR-7700 MK2) + 1 x Anritsu (RN 406A)	
Vessel monitoring system (present/absent):		Present (ARGOS)	
Radar:		1 x Furuno (MU 201CR) + 1 x Furuno (MU 190)	
Communications equipment:		HF/MF: 1 x Anritsu + 1 x JRC VHF: 3 x Anritsu	
Plotters:		None	
Tuna products already on board (Quantity)		615 t	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	11/05/2015
Method of embarkation*	Portside
Date of departure	11/05/2015
Date of first transshipment	12/05/2015
Date of last transshipment	21/06/2015
Date of return	13/07/2015
Date of disembarkation	13/07/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV made a total of 18 transshipments at sea, the locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1. After the last transshipment was completed on 21/06/2015, the CV steamed to Singapore (not Cape Town as previously planned) where the observer disembarked. The CV did not conduct any transshipments whilst in the Indian Ocean region.

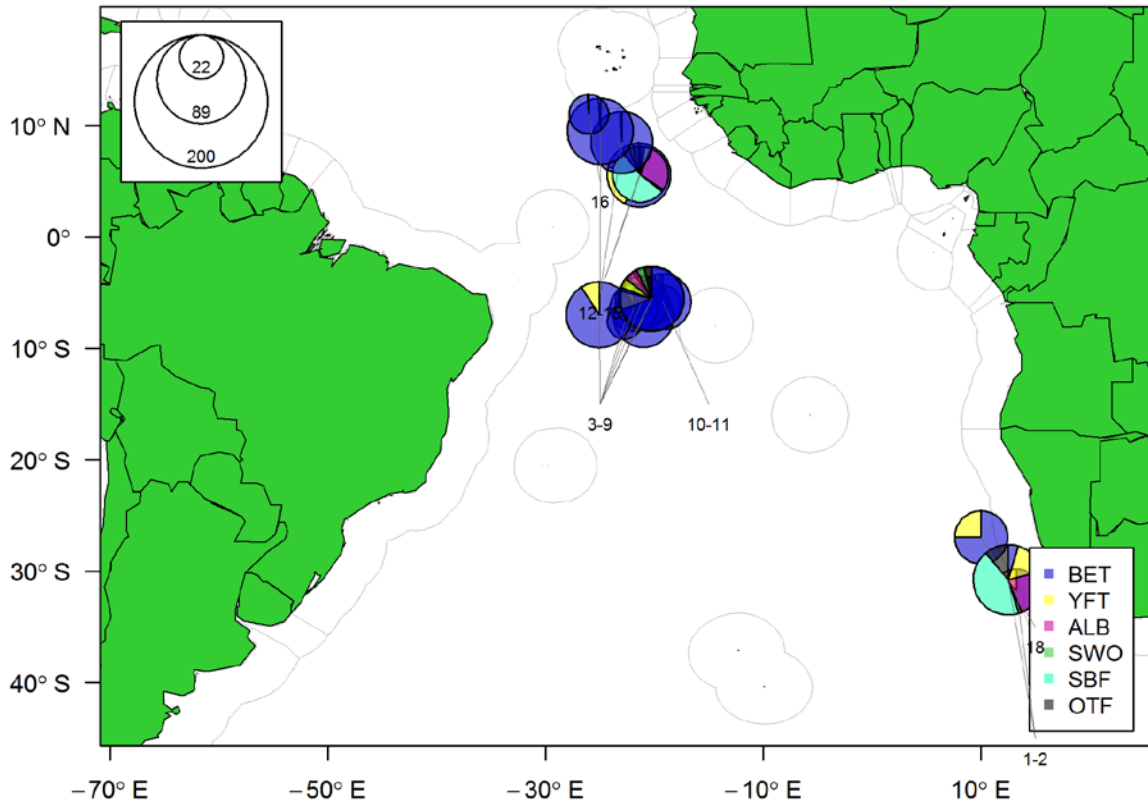


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
Chinese Taipei	11
Japan	7

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	12/05/15	31°43.34 S	013°14.92 E	03:45	100.00%
2				Yes	13/05/15	30°45.72 S	012°30.75 E	03:45	100.00%
3				Yes	21/05/15	07°12.9 S	021°00.06 W	03:35	100.00%
4				Yes	22/05/15	05°53.48 S	021°11.03 W	04:30	100.00%
5				Yes	23/05/15	06°21.38 S	021°52.97 W	01:50	100.00%
6				Yes	24/05/15	07°35.79 S	022°44.34 W	01:30	100.00%
7				Yes	25/05/15	06°58.7 S	025°05.09 W	03:05	100.00%
8				Yes	27/05/15	05°34.2 S	020°12.93 W	03:05	100.00%
9				Yes	27/05/15	05°32.78 S	020°17.41 W	02:30	100.00%
10				No	28/05/15	05°55.43 S	019°10.85 W	03:15	100.00%
11				Yes	28/05/15	05°48.84 S	019°13.67 W	01:15	100.00%
12				Yes	31/05/15	05°32.34 N	021°26.24 W	03:00	100.00%
13				Yes	31/05/15	05°37.34 N	021°17.93 W	04:25	100.00%
14				Yes	02/06/15	08°28.62 N	022°59.78 W	04:10	100.00%
15				Yes	03/06/15	09°28.9 N	024°58.55 W	03:25	100.00%
16				Yes	04/06/15	11°01.36 N	026°01.63 W	02:15	100.00%
17				Yes	12/06/15	05°59.68 S	020°17.29 W	02:35	100.00%
18				Yes	21/06/15	26°57.29 S	010°00.77 E	04:45	100.00%

Comments:

Transhipment no.10 The LSPLV was a smaller fibreglass type LSPLV and the sea conditions was fairly rough. The observer, in consultation with the CV captain therefore decided not to board the LSPLV due to safety concerns.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	42.971	49.354	18.151	18.876	2.025	2.026	13.841	15.797	76.988	86.053	9.07	10.53%
2	1.245	1.562	1.731	2.62	0.958	0.845	62.717	61.284	66.651	66.311	-0.34	-0.51%
3	72.8	80.7	1.28	0.7	0	0	0	0	74.08	81.4	7.32	8.99%
4	89.074	92	0.915	0.974	0	0	0	0	89.989	92.974	2.99	3.21%
5	31.704	33	0.32	0.28	0	0	0	0	32.024	33.28	1.26	3.77%
6	24.117	24.998	0.847	0.758	0	0	0	0	24.964	25.756	0.79	3.08%
7	49.85	51.219	6.696	6.74	2.763	1.937	7.211	6.86	66.52	66.756	0.24	0.35%
8	69.107	71.316	5.718	4.734	0	0	0	0	74.825	76.05	1.22	1.61%
9	58.139	55.606	4.128	4.129	0	0	0	0	62.267	59.735	-2.53	-4.24%
10	42.21	44.96	3.835	3.339	0	0	0	0	46.045	48.299	2.25	4.67%
11	24.924	23.271	2.24	2.513	0	0	0	0	27.164	25.784	-1.38	-5.35%
12	80.178	83.906	8.371	8.46	0	0	0	0	88.549	92.366	3.82	4.13%
13	60.185	59.566	7.364	7.907	9.275	9.276	7.668	8.658	84.492	85.407	0.91	1.07%
14	69.437	73.345	6.455	4.592	3.286	3.676	10.712	9.373	89.89	90.986	1.10	1.20%
15	47.432	45	15.354	15	0	0	0	0	62.786	60	-2.79	-4.64%
16	43.11	35	5.48	5	0	0	0	0	48.59	40	-8.59	-21.48%
17	48.588	49.052	0.828	0.682	0	0	0	0	49.416	49.734	0.32	0.64%
18	5.149	4.745	20.083	17.169	1.293	1.639	73.927	81.379	100.452	104.932	4.48	4.27%

Comments:

Transshipment no.1: The accurate counting and identification of species were complicated due to fairly large strings of mixed species being hauled directly out of the LSPLVs hold by the CV winch. The CV did not make use of a hook scale and the observer deemed the LSPLV supplied records as accurate and utilised same for his estimates. The only exceptions were swordfish fillets (*Xiphias gladius*) which were not recorded on the LSPLVs record sheet. Thus the observer estimated his own average weights.

The observer regarded the weight supplied for atlantic blue marlin (*Makaira nigricans*) as inaccurate and estimated his own average weight.

Transshipment no. 13: Except for bigeye tuna (*Thunnus alalunga*) and yellowfin tuna (*Thunnus albacares*), the captain of the LSPLV could not supply the number of pieces per species transhipped. Thus the observer only utilised the *T. alalunga* and *T. albacares* records from the LSPLV tally sheet for those species average weight estimates. The observer relied on his own counts and visual estimates to determine the balance of the species average weights.

Transshipment no.16: The modus operandi for this transshipment was that medium sized strings were being hauled directly out of the LSPLV hold by the CV winch. As the transshipment pace was fairly average, and only two species, *T. alalunga* and *T. albacares* was being transhipped, the observer was able to obtain fairly accurate counts. The CV did not make use of a hook scale. The observer deemed the LSPLV supplied records (of the fish numbers and weights) as inaccurate and estimated his own average weights.

6 Species and weight transferred

The vessel contained 615.00 t of tuna products when the observer boarded. The fish on board was received during transshipments in the IOTC controlled areas and in port.

The total declared weight of all species transferred during the trip is shown in Table 4 and a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			%	Weight	%	Weight
Albacore	<i>Thunnus alalunga</i>	All	59.12	5.07%	67.06	5.66%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	7.68	0.66%	9.21	0.78%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	0.23	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	860.2	73.79	878.6	74.09
			2	%	0	%
Black marlin	<i>Makaira indica</i>	All	0.00	0.00%	0.72	0.06%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	0.00	0.00%	0.03	0.00%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	All	0.00	0.00%	2.80	0.24%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.00	0.00%	0.27	0.02%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	7.03	0.60%	0.00	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.00	0.00%	2.15	0.18%
Oilfish	<i>Ruvettus pretiosus</i>	All	0.00	0.00%	0.96	0.08%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	10.48	0.88%
Other fish		All	17.92	1.54%	9.96	0.84%
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	All	1.11	0.10%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	1.64	0.14%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.00	0.00%	0.12	0.01%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	83.22	7.14%	80.95	6.83%
Striped marlin	<i>Tetrapturus audax</i>	All	0.00	0.00%	0.57	0.05%
Swordfish	<i>Xiphias gladius</i>	All	19.60	1.68%	19.40	1.64%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	All	0.00	0.00%	1.11	0.09%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	0.34	0.03%
Yellowfin tuna	<i>Thunnus albacares</i>	All	109.8	9.42%	104.4	8.81%
			0		7	

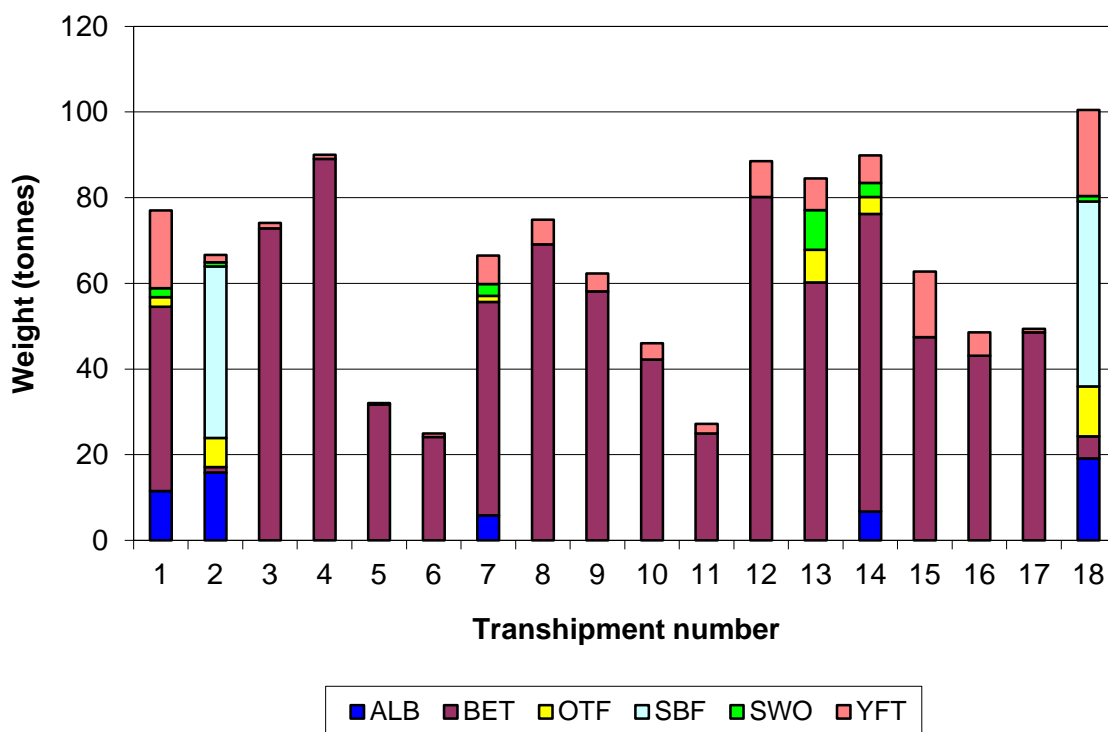


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.90
Atlantic blue marlin	<i>Makaira nigricans</i>	80.79
Bigeye tuna	<i>Thunnus obesus</i>	47.87
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	76.42
Other fish		11.05
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	30.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	40.57
Swordfish	<i>Xiphias gladius</i>	43.56
Yellowfin tuna	<i>Thunnus albacares</i>	46.41

Comments:

Except for transshipments no. 1, 7 & 14 where the only billfish transhipped were *M. Nigricans*, all marlins and sailfishes (*Istiophoridae*) were collectively counted under the code BIL. Species included under the collective code "Other fish unclassified" (OTF) included:

- Dolphinfish (*Coryphaena hippurus*)
- Atlantic Spanish mackerel (*Scomberomorus maculates*)
- Oilfish (*Ruvettus pretiosus*)
- Pomfret (*Brama spp.*)
- Wahoo (*Acanthocybium solandri*)
- Shortbilled spearfish (*Tetrapturus angustirostris*)
- Moonfish (*Lampris guttatus*)
- Skipjack tuna (*Katsuwonus pelamis*)

The only shark products transhipped, occurred during transshipment no. 2 and consisted of bags of belly meat.

The CV did not utilize a hook scale, thus the only weight references available to the observer were information received from the LSPLVs records. Except for transshipments 1, 13 and 16, the species lists received from the LSPLVs were generally complete and corresponded fairly closely with the observer's counts as well as visual weight estimates and was thus considered to be an accurate reflection of transferred numbers and weights.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Long	Transhipment time	% Observed
02				Yes	13/05/2015	30°45 S	012°30 E	03:45	100
18				Yes	21/06/2015	26°57 S	010°00 E	04:35	100

Table 7 Summary of southern bluefin catch documentation

TS No	CCSBT Statistical Area	No Fish (SBF)	Weight (kg)	Catch Monitoring Form Number	Tag series number (from – to)
02	9	966	34,852		01 to 966
02	9	15	560		849 to 863
18	9	993	45,534		01 to 993

Comments:

Both the LSPLVs transhipping *T. maccoyii* produced the appropriate CCSBT Catch Monitoring Forms. The observer signed the form for the transhipment. The LSPLV Taiyo Maru No.18 produced two separate CCSBT CMF documents – one for 966 fish and another for 15 fish.

Transhipment no 2: The majority of *T. maccoyii* transhipped were marked with an orange label affixed to the head and an orange plastic tag attached to the throat of each fish. In a few cases both the sticker and the tag were green coloured.

Transhipment no.18: All the *T. maccoyii* transhipped were marked with an orange label affixed to the head and an orange plastic tag attached to the throat of each fish.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1				12/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	11/05/15
2				13/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	10/05/15
3				21/05/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	21/05/15
4				22/05/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	22/05/15
5				23/05/15	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	22/05/15
6				24/05/15	Yes	Yes	Yes	Yes	Yes	08/08/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	24/05/15
7				25/05/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	24/05/15
8				27/05/15	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	24/05/15
9				27/05/15	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	26/05/15
10					Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes			Yes	PB	27/05/15	
11				28/05/15	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	25/05/15
12				31/05/15	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	29/05/15
13				31/05/15	Yes	Yes	Yes	Yes	Yes	04/06/15	Yes	Yes	Yes	Yes	Yes	Yes	PB	29/05/15
14				02/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	29/05/15
15				03/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	01/06/15
16				04/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	03/06/15
17				12/06/15	Yes	Yes	Yes	Yes	Yes	05/11/16	Yes	Yes	Yes	Yes	Yes	Yes	PB	11/06/15
18				21/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	20/06/15

Comments.

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

All the Japanese registered LSPLVs logbooks were identical and consisted of loose, numbered pages that were contained in a clip file, thus the observer issued Potential Non Compliance (PNC) reports to each vessel.

Table 9 **Comments from inspections**

TS No.	Vessel Name	Comments
1		<p>The fishing logbook consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page number was 19. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 3 Logbook of the LSPLV</p>
2		<p>The fishing logbook consisted of loose, numbered pages contained in a clip file. The pages were not numbered with a sequential page numbers The start fishing date (11/02/2015) page was number 7611 P.2, and the end date (10/05/2015) page was numbered 8458 P.2. Each page accommodated 11 days of catch entries. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 4 Logbook of the LSPLV</p>
3		<p>The LSPLV claimed that all fish transhipped were caught during the period 16/04/2015 to 21/05/2015. The previous name of this LSPLV was different from the current one and has been painted over and replaced with the current name.</p>
4		<p>The previous name of this LSPLV was LSPLV was different from the current one and had been painted over and replaced with the current name. However, the current name appeared less visible than the previous name (due to the weld marks of the previous name) due to fouling on the hull.</p> <p>Figure 5 Markings of the LSPLV</p> <p>The observer was unable to capture photos of the VMS antennas as they both had canvas covers. On 25/05/2015 the owners of the LSPLV forwarded a revised total for bigeye tuna to the CV captain and the transhipment declaration was subsequently amended.</p>

TS No.	Vessel Name	Comments
5		<p>The markings on the bow of the LSPLV was only partially visible due to the fouling on the hull.</p> <p>Figure 6 Markings of the LSPLV</p> <p>This inspection consumed extra time due to severe communication problems on board the LSPLV. However with the assistance of the CV captain, and after some phone calls were made to respective offices, the observer was able to gather the required information.</p>
6		<p>The LSPLV could only produce a Chinese Taipei copy of the ATF.</p> <p>This inspection consumed extra time due to some communication problems on board the LSPLV, however with the assistance of the CV captain and after some calls were made to respective offices, the observer was able to gather the correct information.</p>
7		<p>The logbook of the LSPLV consisted of loose pages contained in a clip file. Although the individual pages were numbered in sequence, the numbers were hand written and not printed. The last page number was 23-1. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the captain.</p> <p>Figure 7 Logbook of the LSPLV</p>
8		No comment.
9		Although the last entry in the logbook is 26/05/2015, the LSPLV captain pointed out that the fish transhipped were caught up to and including 24/05/2015.
10		<p>This was a smaller, fibreglass type LSPLV that was not stable in the rough sea conditions. The observer, in consultation with the CV captain decided not to conduct the on-board inspection due to safety concerns. Although the last entry in the logbook was 27/05/2015, the LSPLV captain pointed out that the fish transhipped were caught up to and including 25/05/2015.</p>
11		No comment.
12		No comment.
13		<p>The ATF for this LSPLV differed from the standard Chinese Taipei ATF insofar it stipulated an extension to 04/06/2015 with an ATF expiry date of 05/12/2014.</p> <p>This inspection consumed extra time due to severe communication problems on board the LSPLV. The captain of the LSPLV could not produce complete records for all the species being transhipped even though the logbook records appeared to be complete.</p>

TS No.	Vessel Name	Comments
14		<p>The logbook records of the LSPLV consisted of loose pages contained in a clip file. The pages were numbered in sequence and the last page was number 43-1. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 8 Logbook of the LSPLV</p>
15		<p>The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page was number 32-1. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 9 Logbook of the LSPLV</p>
16		<p>The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page was number 35-1. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 10 Logbook of the LSPLV</p>
17		No comment.
18		<p>The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. However the page that reflected the last entry was not numbered. A PNC report was generated and a copy was handed to the LSPLV captain. The nature of the PNC was explained to the master.</p> <p>Figure 11 Logbook of the LSPLV</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

All LSPLVs could be identified according to the ICCAT vessel list provided and all the LSPLVs displayed the appropriate markings.

The bow markings of two LSPLVs (Figures 5 and 6) were displayed, but would not be visible at longer distances as the markings were covered in fouling.

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs produced in-date ATF documents and all the inspected LSPLVs were fitted with functioning VMS units

Some of these LSPLVs provided non-compliant logbooks:

- The fishing logbook consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page number was 19.
- The fishing logbook consisted of loose, numbered pages contained in a clip file. The pages were not numbered with a sequential page number as the start date (11/02/2015) page was marked with the number 7611 P.2 and the end date (10/05/2015) page was numbered 8458 P.2. Each page accommodated 11 days of catch entries.
- The logbook of the LSPLV consisted of loose pages contained in a clip file. Although the individual pages were numbered in sequence, the numbers were hand written and not printed. The last page number was 23-1.
- The logbook records of the LSPLV consisted of loose pages contained in a clip file. The pages were numbered in sequence and the last page was number 43-1.
- The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page was number 32-1.
- The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. The pages were numbered in sequence and the last page was number 35-1.
- The logbook records of the LSPLV consisted of loose, numbered pages contained in a clip file. The page that reflected the last entry was not numbered.

9 Other Observer Tasks.

9.1 CV waste disposal

Demarcated waste containers was positioned at various locations inside and outside the Futagami (Figure 12). Food waste from the galley was discarded overboard, except when the vessel approached within the MARPOL restricted area. Then all galley waste were retained on board for disposal on land. The observer did not notice the execution of any incinerator operations during the cruise.



Figure 12 Waste containers on board the Futagami

9.2 Unidentified or IUU vessels

None observed.

9.3 Marine mammals.

None observed.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
-	-	-	-	-	-	-

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		11/06/15	06°45 S	023°20 W	General supplies transhipped to LSPLV
		19/06/15	18°21 S	07°06 E	50 m3 of bunkers supplied to LSPLV

ICCAT

Observer Report



Trip Number:	170 - 15
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000VUT00018
Observer Name:	Z. B. Vilakazi
Cruise Dates:	From: 20/06/2015 to 20/08/2015

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries monitoring cc., Mr. Basil. Z Vilakazi (ICCAT No. 031) joined the Vanuatu registered Carrier Vessel (CV) CHIKUMA (AT000VUT00018) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 20/06/2015 to 20/08/2015

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	CHIKUMA	Call sign:	YJTE5
Port of registration:	Port Villa	Flag State:	Vanuatu
Owner:	Oceanwide Fishing S.A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2.930 ³ t
Size (GRT):	6558	Length (LOA):	134.15m
On-board acoustic equipment:	Echo sounder Furuno FE – 700		
Position fixing equipment:	GPS 2X Furuno GP – 150		
Vessel monitoring system (present/absent):	Thorium TST – 100 (Iridium)		
Radar:	2X Furuno MU – 190		
Communications equipment:	2X Furuno SSB radiotel. Console RC1000 FS, 2 X Furuno VHF radiotel. Console FM8900S , Email, Inmarsat C, Sat. Tel. Fax, Navtex.		
Plotters:	N/A		
Tuna products already on board (Quantity)	1163.539 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town (R.S.A)
Date of embarkation	20/06/2015
Method of embarkation*	Portside
Date of departure	20/06/2015
Date of first transshipment	23/06/2015
Date of last transshipment	07/08/2015
Date of return	20/08/2015
Date of disembarkation	20/08/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Port Louis

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 36 transshipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

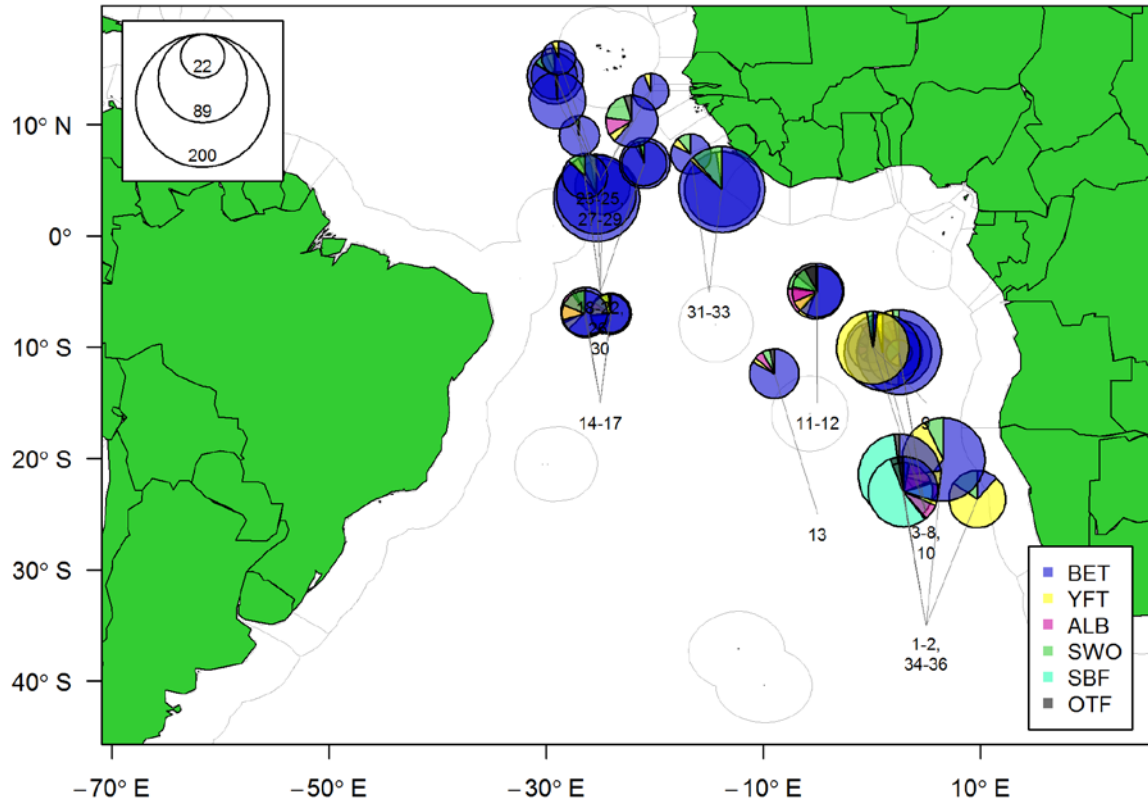


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	11
XXX	14
XXX	9
XXX	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	24/06/2015	23°38.35 S	009°42.388 E	04:20	100.00%
2				No	25/06/2015	20°04.898 S	006°35.542 E	01:15	100.00%
3				Yes	27/06/2015	10°30.645 S	002°31.677 E	04:30	100.00%
4				Yes	28/06/2015	10°29.376 S	002°30.148 E	02:00	100.00%
5				Yes	28/06/2015	10°26.832 S	002°29.766 E	04:25	100.00%
6				Yes	29/06/2015	10°29.782 S	002°29.985 E	05:05	100.00%
7				Yes	30/06/2015	10°03.937 S	000°05.016 E	01:45	100.00%
8				Yes	30/06/2015	10°01.97 S	000°04.537 E	02:05	100.00%
9				Yes	30/06/2015	09°57.578 S	000°02.695 E	01:20	100.00%
10				Yes	01/07/2015	10°27.414 S	000°57.896 E	01:45	100.00%
11				Yes	03/07/2015	04°59.357 S	005°01.577 W	02:05	100.00%
12				Yes	03/07/2015	04°56.992 S	005°09.619 W	01:10	100.00%
13				Yes	05/07/2015	12°22.285 S	008°59.357 W	01:50	100.00%
14				Yes	08/07/2015	06°58.545 S	024°02.763 W	00:51	100.00%
15				Yes	08/07/2015	06°57.754 S	024°04.916 W	00:45	100.00%
16				Yes	09/07/2015	06°52.124 S	026°22.182 W	02:45	100.00%
17				Yes	09/07/2015	06°57.457 S	026°26.722 E	03:40	100.00%
18				Yes	11/07/2015	03°23.108 N	025°20.173 W	02:35	100.00%
19				Yes	11/07/2015	03°45.624 N	025°23.101 W	02:00	100.00%
20				Yes	12/07/2015	04°25.732 N	024°48.895 W	01:05	100.00%
21				Yes	13/07/2015	06°30.81 N	020°57.529 W	00:55	100.00%
22				Yes	13/07/2015	06°31.811 N	020°54.441 W	02:10	100.00%
23				Yes	14/07/2015	10°18.466 N	022°07.578 W	01:25	100.00%
24				Yes	16/07/2015	14°22.499 N	029°09.669 W	02:10	100.00%
25				Yes	16/07/2015	14°20.911 N	029°15.295 W	02:15	100.00%
26				No	18/07/2015	05°22.468 N	026°26.229 W	01:05	100.00%
27				Yes	21/07/2015	15°59.899 N	028°51.225 W	03:15	100.00%
28				Yes	22/07/2015	12°11.138 N	028°56.935 W	07:25	100.00%
29				Yes	24/07/2015	12°58.566 N	020°21.819 W	00:30	100.00%
30				Yes	26/07/2015	08°59.173 N	026°56.073 W	04:05	100.00%
31				Yes	28/07/2015	07°20.704 N	016°39.868 W	04:05	100.00%
32				Yes	29/07/2015	04°10.747 N	013°49.185 W	02:00	100.00%
33				Yes	29/07/2015	04°11.386 N	013°47.833 W	07:00	100.00%
34				Yes	06/08/2015	21°30.951 S	002°32.585 E	06:30	100.00%
35				Yes	07/08/2015	23°00.036 S	002°55.084 E	02:40	100.00%
36				Yes	07/08/2015	22°58.124 S	002°53.459 E	04:00	100.00%

Comments:

The observer did not board the LSPLVs in transhipment 2 and 26 due to extreme bad weather conditions.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	90.073	95.425	2.224	2.613	0	0	0	0	92.297	98.038	5.74	5.86%
2	21.658	23.352	1.755	1.824	3.164	3.164	0	0	26.577	28.34	1.76	6.22%
3	106.04	111.599	1.86	1.926	15.338	15	0	0	123.238	128.525	5.29	4.11%
4	49.852	51.793	1.338	1.409	0	0	0	0	51.19	53.202	2.01	3.78%
5	120.341	126	3.481	3.263	0	0	0	0	123.822	129.263	5.44	4.21%
6	94.989	98.125	2.511	3.236	7.951	8	0	0	105.451	109.361	3.91	3.58%
7	29.921	30.161	0.188	0.188	4.374	4.499	0	0	34.483	34.848	0.37	1.05%
8	40.362	40.979	0	0	3.468	3.468	0	0	43.83	44.447	0.62	1.39%
9	27.007	27.192	0	0	0.909	0.909	0	0	27.916	28.101	0.18	0.66%
10	32.931	33.125	0.233	0.233	1.03	1.236	0	0	34.194	34.594	0.40	1.16%
11	59.41	50.491	2.68	2.519	1.02	1.02	0	0	63.11	54.03	-9.08	-16.81%
12	30.545	30.862	0	0.21	5.64	5.64	0	0	36.185	36.712	0.53	1.44%
13	54.301	55.387	0.507	0.549	0	0	0	0	54.808	55.936	1.13	2.02%
14	20.935	21.39	1.387	1.387	0	0	0	0	22.322	22.777	0.46	2.00%
15	18.216	18.339	1.388	1.388	0	0	0	0	19.604	19.727	0.12	0.62%
16	28.086	28.683	1.899	2.386	8.385	8.385	6.598	7.371	44.968	46.825	1.86	3.97%
17	28.544	29.789	2.621	2.961	5.124	5.17	15.096	15.711	51.385	53.631	2.25	4.19%
18	26.823	27.671	2.643	3.153	6.016	6.198	8.017	8.024	43.499	45.046	1.55	3.43%
19	24.575	26.688	1.822	2.358	0.671	0.671	13.087	13.09	40.155	42.807	2.65	6.20%
20	20.92	21.501	1.724	1.881	4.381	4.436	1.477	1.642	28.502	29.46	0.96	3.25%
21	18.146	18.9	5.415	6.29	0.43	0.43	0	0	23.991	25.62	1.63	6.36%
22	24.482	25.093	3.486	3.794	6.493	6.766	0	0	34.461	35.653	1.19	3.34%
23	11.449	12.644	23.746	24.649	0.1025	0.914	1.962	2.111	37.2595	40.318	3.06	7.59%
24	33.343	35.026	1.213	1.318	2.206	2.258	3.276	3.646	40.038	42.248	2.21	5.23%
25	23.577	24.391	0.5	0.556	4.926	5.087	7.422	7.816	36.425	37.85	1.42	3.76%
26	8.602	9.184	0.735	0.883	0.565	0.565	4.436	4.548	14.338	15.18	0.84	5.55%
27	34.024	36.531	20.798	26.809	2.864	3.021	5.89	6.4	63.576	72.761	9.19	12.62%
28	104.813	109.632	9.872	11.745	3.028	2.973	0	0	117.713	124.35	6.64	5.34%
29	5.75	5.75	1.391	1.391	4.324	4.324	0	0	11.465	11.465	0.00	0.00%
30	91.967	97.804	2.613	3.15	0	0	0	0	94.58	100.954	6.37	6.31%
31	1.688	2.088	82.777	87.106	2.466	2.466	0	0	86.931	91.66	4.73	5.16%
32	6.456	6.615	38.64	40.907	8.862	8.86	0	0	53.958	56.382	2.42	4.30%
33	67.303	73.013	33.072	38.015	8.868	8.857	0	0	109.243	119.885	10.64	8.88%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
34	24.463	27.505	5.226	7.002	1.022	1.079	78.795	83.332	109.506	118.918	9.41	7.91%
35	1.707	1.707	0.212	0.259	0.621	0.621	54.076	56.393	56.616	58.98	2.36	4.01%
36	22.214	25.29	1.685	1.655	0.6	0.6	57.759	57.68	82.258	85.225	2.97	3.48%

Comments:

Transshipment 11: The observer counted 786 bigeye tuna (*Thunnus obesus*) compared to 668 declared by the master of the LSPLV. The observer was confident his count was relatively accurate as the transshipment method allowed sufficient time for accurate counts. The LSPLV may have provided the incorrect number of fish (too few), effecting the average weight calculation.

Transshipment 27; The strings were assembled in the hold of the LSPLV, and the fish was haled directly from the hold of the LSPLV to the hold of the CV. These conditions made it difficult to see all the fish in the strings and the observer is likely to have underestimated the number of fish.

The total amount received by the CV in the Atlantic Ocean was 2133.119 tons. In addition, 177.050 tons was transhipped in 2 ports.

6 Species and weight transferred

The vessel contained 1163.539 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
	Other fish Unclassified	All	29.59	1.45%	2.63	0.12%
Albacore	<i>Thunnus alalunga</i>	All	31.39	1.54%	9.53	0.45%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	12.33	0.58%
Albacore	<i>Thunnus alalunga</i>	S	38.86	1.91%	69.24	3.25%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	20.66	1.01%	23.18	1.09%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.00	0.00%	0.02	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.50	0.02%	2.10	0.10%
Bigeye tuna	<i>Thunnus obesus</i>	All	1405.51	68.90%	1459.73	68.43%
Oilfish	<i>Ruvettus pretiosus</i>	All	1.32	0.06%	2.29	0.11%
Opah	<i>Lampris guttatus</i>	All	2.66	0.13%	7.33	0.34%
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	All	1.37	0.07%	1.77	0.08%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	1.58	0.08%	2.97	0.14%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	130.34	6.39%	137.63	6.45%
Striped marlin	<i>Tetrapturus audax</i>	All	0.98	0.05%	0.42	0.02%
Swordfish	<i>Xiphias gladius</i>	All	112.61	5.52%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	37.24	1.75%
Swordfish	<i>Xiphias gladius</i>	S	2.24	0.11%	79.38	3.72%
Yellowfin tuna	<i>Thunnus albacares</i>	All	261.64	12.83%	289.01	13.55%

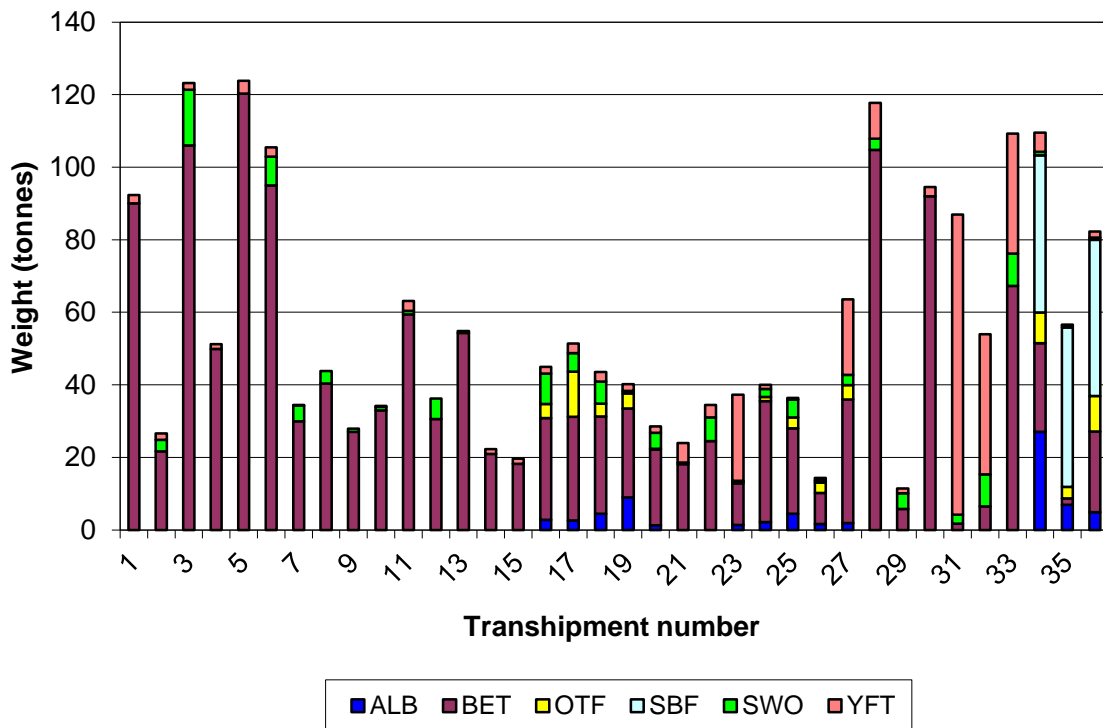


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	17.20
Atlantic blue marlin	<i>Makaira nigricans</i>	87.16
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.31
Bigeye tuna	<i>Thunnus obesus</i>	49.02
Oilfish	<i>Ruvettus pretiosus</i>	19.94
Opah	<i>Lampris guttatus</i>	16.00
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	45.98
Southern bluefin tuna	<i>Thunnus maccoyii</i>	45.57
Striped marlin	<i>Tetrapturus audax</i>	39.00
Swordfish	<i>Xiphias gladius</i>	52.90
Yellowfin tuna	<i>Thunnus albacares</i>	38.96

Comments:

The main tuna species transhipped to the CV were, bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), southern bluefin tuna (*Thunnus maccoyii*) and albacore (*Thunnus alalunga*). The billfish species (*Istiophoridae spp.*) consisted of swordfish (*Xiphias gladius*), striped marlin (*Tetrapturus audax*) and atlantic blue marlin (*Makaira mazara*).

The other fish category contained mainly of the oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*), atlantic spanish mackerel (*Scomberomorus maculates*) and various shark nei (*Selachimorpha (Pleurotremata)*).

The southern bluefin (*T. maccoyii*), bigeye (*T. obesus*) and yellowfin (*T. albacares*) were gilled and gutted when processed, striped marlin (*T. audax*) were also gilled and gutted when processed, rounded for albacore (*T. alalunga*). The atlantic blue marlin were processed as dressed. The swordfish (*X. gladius*) were either dressed or filleted when processed. The species in the other fish category were processed as OT (mostly rounded or dressed). The observer's transhipment total weights were all based on the LSPLVs declared weights and quantities.

7 Southern bluefin tuna transhipments

Three transhipments contained southern bluefin (*T. maccoyii*).

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Insp ecte d	Date	Lat	Lon	Transhipment time	Percentage observed
34				Yes	06/08/2015	21 ⁰ 30.951'S	02 ⁰ 32.585'E	06:30	100
35				Yes	07/08/2015	23 ⁰ 00.036'S	02 ⁰ 55.084'E	02:50	100
36				Yes	07/08/2015	22 ⁰ 58.124'S	02 ⁰ 53.459'E	04:00	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (t)	Catch Monitoring Form Number	Tag series number (from – to)
34	9	1228	45.616		001 – 1228
35	9	856	45.658		001 – 856
36	9	936	46.366		001 – 936

The observer was supplied with the CCSBT Catch Monitoring Forms (CMF) forms prior to the start of transhipment process by the respective master of the LSPLV. During the transhipment process the observer was requested to counter-sign the CMF. This formality was concluded with the Co of the CV for each of these transhipments.

Each (*T. maccoyii*) transhipped was tagged. Each tag contained a unique number. In addition, each fish was labelled with a label (containing the same information as the CCSBT tag) adhered to the gill operculum.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	24/06/15	No	Yes		Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	23/06/15
2			No		Yes	Yes	Yes	Yes	No	31/07/17	Yes	Yes			Yes	PU	22/06/15
3			Yes	27/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	25/06/15
4			Yes	28/06/15	Yes	Yes		Yes	Yes	05/12/15	Yes	Yes	Yes	Yes	Yes	PB	27/06/15
5			Yes	28/06/15	Yes	Yes	No	Yes	Yes	08/02/19	Yes	Yes	Yes	Yes	Yes	PB	28/06/15
6			Yes	29/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	26/06/15
7			Yes	30/06/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	29/06/15
8			Yes	30/06/15	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	28/06/15
9			Yes	30/06/15	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	30/06/15
10			Yes	01/07/15	Yes	Yes		Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	01/07/15
11			Yes	03/07/15	Yes	Yes		Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	30/06/15
12			Yes	03/07/15	Yes	Yes		Yes	Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	PB	02/07/15
13			Yes	05/07/15	Yes	Yes		Yes	Yes	13/11/15	Yes	Yes	Yes	Yes	Yes	PB	04/07/15
14			Yes	08/07/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	06/07/15
15			Yes	08/07/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	06/07/15
16			Yes	09/07/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	08/07/15
17			Yes	09/07/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	08/07/15
18			Yes	11/07/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	10/07/15
19			Yes	11/07/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	08/07/15
20			Yes	12/07/15	Yes	Yes	No	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	11/07/15
21			Yes	13/07/15	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Yes	Yes	Yes	Yes	PB	12/07/15
22			Yes	13/07/15	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	11/07/15
23			Yes	14/07/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	13/07/15
24			Yes	16/07/15	Yes	Yes	NA*	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	15/07/15
25			Yes	16/07/15	Yes	Yes	NA*	Yes	Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	PB	13/07/15
26			No		Yes	Yes	NA*	Yes	No	31/03/17	Yes	Yes			Yes	PB	16/07/15
27			Yes	21/07/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	19/07/15

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
28			Yes	22/07/15	Yes	Yes	NA	Yes	Yes	09/12/15	Yes	Yes	Yes	Yes	Yes	PU	17/07/15
29			Yes	24/07/15	Yes	Yes	NA	Yes	Yes	25/07/16	Yes	Yes	Yes	Yes	Yes	PB	03/07/15
30			Yes	26/07/15	Yes	Yes	NA*	Yes	Yes	09/12/15	Yes	Yes	Yes	Yes	Yes	PB	24/07/15
31			Yes	28/07/15	Yes	Yes	NA	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	25/07/15
32			Yes	29/07/15	Yes	Yes	NA	Yes	Yes	11/11/18	Yes	Yes	Yes	Yes	Yes	PB	27/07/15
33			Yes	29/07/15	Yes	Yes	NA	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	PB	27/07/15
34			Yes	06/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	27/07/15
35			Yes	07/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	06/08/15
36			Yes	07/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	07/08/15

Comments.

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
 Transhipment No.2 and No.26 the LSPLVs were not boarded due to severe bad weather.

* These LSPLVs did not display the National registration Number (NRN).

Table 9 Reported LSTLVs for Potential Non Compliance

TS. No.	NAME	RFMO No.	FLAG	PNC
2				LNB
3				LNB; LNN
7				LNB
23				LNB
28				LNB; LNN
34				LNB
35				LNB
36				LNB

Table 10 Comments from inspections

TS No.	Vessel Name	Comments
1	XXX	<p>The LSPLV displayed the name "XXX" on the bow and the stern. This vessel name did not correspond with the name "XXX" provided in the ICCAT list of vessels. The LSPLV did not display the vessel's NRN.</p> <p>Figure 3 Bow markings of the LSTLV XXX</p>
2	XXX	<p>The sea was very rough and the observer and the master of the CV advised the observer not to board the LSPLV as it was very dangerous to cross over. The fishing logbooks provided were printed and unbound with no apparent sequential page numbers.</p> <p>Figure 4 Fishing logbook of the LSPLV XXX</p>
3	XXX	<p>The fishing logbooks were printed and unbound. The pages were not marked with sequential page numbers.</p> <p>Figure 5 Fishing logbook of the LSPLV XXX</p>
4	XXX	<p>The LSPLV displayed the XXX on the bow. The NRN was not reflected in the database provided and could not be verified.</p>
5	XXX	<p>The LSPLV's identification features was partially obscured by fouling on the hull.</p> <p>Figure 6 Bow markings of the LSTLV XXX</p> <p>The observer could not verify the NRN as the details were not reflected in the ICCAT vessel list provided.</p>
6	XXX	<p>The fishing logbooks were printed and unbound. The pages were not marked with sequential page numbers.</p> <p>Figure 7 Fishing logbook of the LSPLV XXX</p>

TS No.	Vessel Name	Comments
7	XXX	<p>The fishing logbooks were printed and unbound. The pages were not marked with sequential page numbers.</p> <p>Figure 8 Fishing logbook of the LSPLV XXX</p>
8	XXX	No comment.
9	XXX	No comment.
10	XXX	<p>The bow markings were partially obscured by fouling. The NRN was only visible at very close range.</p> <p>Figure 9 Bow markings of the LSTLV XXX</p> <p>The observer could not verify the NRN as it was not reflected in the ICCAT vessel list.</p>
11	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
12	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
13	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
14	XXX	The LSPLV did not display the NRN.
15	XXX	The LSPLV did not display the vessel's NRN.
16	XXX	<p>The name on the bow was partially worn away and difficult to read at longer distances.</p> <p>Figure 10 Bow markings of the LSTLV XXX</p> <p>The NRN was not displayed on the exterior structure of the LSPLV</p>
17	XXX	The NRN was not displayed on the exterior structure of the LSPLV.
18	XXX	The NRN was not displayed on the exterior structure of the LSPLV.
19	XXX	The NRN was not displayed on the exterior structure of the LSPLV.
20	XXX	<p>Due to heavy rain the observer could not photograph the Stern of the LSPLV and the aerial on top of the bridge.</p> <p>The NRN was not displayed by the LSPLV.</p>

TS No.	Vessel Name	Comments
21	XXX	No comment.
22	XXX	No comment.
23	XXX	<p>The fishing logbooks were printed and retained in a ring binder (not bound). The last page was marked with 43-①.</p> <p>Figure 11 Fishing logbook of the LSPLV XXX</p>
24	XXX	The NRN was not displayed on the exterior structure of the LSPLV.
25	XXX	The NRN was not displayed on the exterior structure of the LSPLV.
26	XXX	<p>The observer was advised by the master of the CV not to board the LSPLV due to windy and very rough sea.</p> <p>The LSPLV's paint work on the bow was partially worn away.</p> <p>Figure 12 Bow markings of the LSTLV XXX</p> <p>The NRN was not displayed by the LSPLV.</p>
27	XXX	<p>The fishing logbooks were printed but not bound. The last page was numbered with the page number 35.</p> <p>Figure 13 Fishing logbook of the LSPLV XXX</p>
28	XXX	The LSPLV did not display the NRN and the International Radio Call Sign (IRCS) was displayed in very light font and was not clearly visible unless at very close range.
29	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
30	XXX	<p>The LSPLV did not display the vessel's NRN.</p> <p>The fishing logbook was printed and bound but the pages were not numbered.</p>
31	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
32	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.

TS No.	Vessel Name	Comments
33	XXX	The observer was not able to verify the NRN as the NRN data was not included in the ICCAT vessel list supplied.
34	XXX	<p>The fishing logbooks were printed but not bound.</p> <p>Figure 14 Fishing logbook of the LSPLV XXX</p>
35	XXX	<p>The fishing logbooks were printed but not bound.</p> <p>Figure 15 Fishing logbook of the LSPLV XXX</p>
36	XXX	<p>The fishing logbooks were printed but not bound.</p> <p>Figure 16 Fishing logbook of the LSPLV XXX</p>

8.1 Verifying vessel name / RFMO number and National Registration Number.

The name of the LSPLV “XXX” (TS 1) was not same as RFMO record.

The previous NRN for the LSPLV “XXX (TS 20) was FT- 200023 and was later changed to FT- 200075.

Below is the listing of all the NRNs that were either not displayed on the exterior of the LSPLV or not listed in the ICCAT database.

Table 11 Summary of Non- listing of NRN

TS No.	Vessel Name	ICCAT No.	NRN	Comments	
				Displayed	Database
1				N	Y
2				Y	N
3				Y	N
4				Y	N
5				N	N
6				Y	N
7				Y	N
10				N	N
11				Y	N
12				Y	N
13				Y	N
16				N	N
17				N	N
18				N	N
19				N	N
20				N	N
24				N	N
25				N	Y
26				N	N
27				Y	N
28				N	Y
29				Y	N
30				N	Y
31				Y	N
32				Y	N
33				Y	N
34				Y	N
35				Y	N
36				Y	N

8.2 Issues with Fishing Licence, logbooks or VMS

The observer was unfamiliar with the VMS used by LSPLV "XXX" (transshipment 24)

The VMS used by LSPLV "XXX" (Transshipment 28).

9 Other Observer Tasks.

9.1 CV waste disposal

The kitchen waste was disposed at sea daily whenever the CV was out of the port. The plastics and all other types of waste separated according to different class categories and stored in drums that were stencilled for the particular type. The CV also made use of an incinerator to disposal of combustible waste.

Waste oil was stored in waste oil tank to be disposed back in XXX. All the hot ash from the incinerator was stored in 20 Lt Cans and later transferred into 210Lt drum when cooled down.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted.

9.3 Marine mammals.

No marine mammals were sighted for the duration of the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 In-port transhipments

No	LSTLV Name	ICCAT RFMO No	Date	Port	Location		Flag	Transhipped (MT's)						
					Lat	Long		BFT	BET	YFT	SWO	SWO	OTF	Total
1			23/06/15	Walvis bay Namibia	22 ^o 53.5'S	14 ^o 27.7'E	JPN		53.160	7.173	0.218	5.018	29.157	94.726
2			20/07/15	Mindelo Cabo Verde	16 ^o 53.1'N	25 ^o 00.5'W	CHN	34.568	34.007	0.974	2.008		10.767	82.324

The Namibian fishery monitor observed the transhipment conducted whilst on anchorage inside the port limits of Walvis Bay. The TD documents were counter-signed by the authorised agent in each port. The transhipment from the XXXdeclared Bluefin Tuna (East). The observer was provided with copies of the ICCAT TD.

Appendix 2 Non-ICCAT transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
XXX	XXX	25/06/15	23 ^o 39.149'S	9 ^o 42.893'E	Transhipped fuel, baits and general cargo.	Yes
XXX	XXX	15/07/15	6 ^o 30.145'N	20 ^o 59.858'W	Transhipped general cargo	Yes
XXX	XXX	15/07/15	6 ^o 30.451'N	20 ^o 58.750'W	Transhipped two passengers and cargo	Yes
XXX	XXX	06/08/15	21 ^o 25.954'S	02 ^o 28.549'E	Fuel	Yes

ICCAT

Observer Report



Trip Number:	171/15
Vessel Name:	GENTA MARU
ICCAT Ref. No.	AT000VUT00014
Observer Name:	PEDRO SOUSA DE JESUS
Cruise Dates:	From: 26/06/2015 To: 01/08/2015

1 Cruise Summary

In accordance with the bilateral agreement between TOEI Reefer Line Ltd and Marine Resources Assessment Group Ltd (MRAG Ltd.), Pedro de Jesus (ROP no. 118) joined the Vanuatu registered Carrier Vessel (CV) GENTA MARU (ICCAT AT000VUT00014) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 26/06/2015 to 01/08/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	GENTA MARU	Call sign:	YJRE3
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	PANAMA TRL S.A.	Charterer:	TOEI Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2,860 ton
Size (GRT):	3,989 ton	Length (LOA):	99.06 m
On-board acoustic equipment:	JRC EchoSounder JFE-680		
Position fixing equipment:	TOKYOKEIKI AIS TRA-2000 GPS Navigator JLR-7800 (x2)		
Vessel monitoring system (present/absent):	Present (CLS - Collective Localisation Satellites)		
Radar:	TOKYOKEIKI (BR-3200-X26M; BR-3200-S312M)		
Communications equipment:	INMARSAT FB JUE-500; JUE-250 INMARSAT C JUE-85 JRC 250W MF/HF JSS-296 JRC VHF 150 MHz JHS-770S JRC Two-Way VHF 150 MHz JHS-7 (x3) JRC Navtex Receiver NCR-333		
Plotters:	Absent		
Tuna products already on board (Quantity)	311.361 ton		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	24/06/2015
Method of embarkation*	Portside
Date of departure	26/06/2015
Date of first transshipment	27/06/2015
Date of last transshipment	30/07/2015
Date of return	01/08/2015
Date of disembarkation	01/08/2015
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 25 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

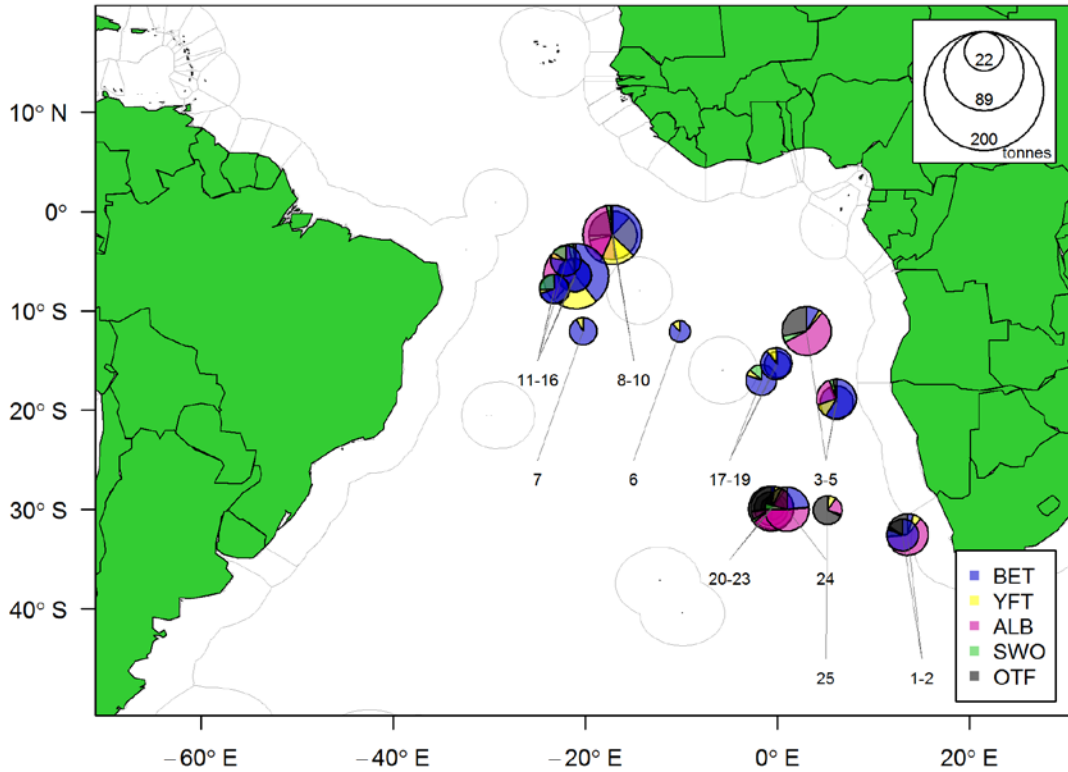


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	5
XXX	6
XXX	14

Comments:

The vessel received a total of 1,505.979 tonnes of declared tuna and tuna like products related to transshipments at sea from XXX, XXX and XXX all registered LSPLVs, between 27/06/2015 and 28/07/2015 in the Atlantic Ocean. Total transshipment time ranged from 00:30 to 10:33 hours with an average time of 03:17 hours. Quantities transhipped at sea ranged from 11.486 tonnes to 167.136 tonnes with an average of 60.263 tonnes.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	27/06/15	32°29.900 S	013°31.198 E	02:00	100
2				Yes	29/06/15	32°32.459 S	013°00.306 E	05:34	100
3				Yes	02/07/15	19°13.048 S	006°08.589 E	09:53	100
4				Yes	03/07/15	18°50.676 S	006°06.777 E	10:33	100
5				Yes	05/07/15	12°01.184 S	003°00.746 E	01:29	100
6				Yes	08/07/15	12°03.530 S	010°10.876 W	01:24	100
7				Yes	08/07/15	12°02.501 S	020°13.983 W	01:09	100
8				Yes	11/07/15	02°25.554 S	017°06.098 W	00:51	100
9				Yes	11/07/15	02°23.018 S	017°09.275 W	01:09	100
10				Yes	11/07/15	02°20.355 S	017°12.266 W	01:11	100
11				Yes	13/07/15	06°30.422 S	021°00.053 W	01:02	100
12				Yes	13/07/15	06°26.851 S	021°03.879 W	01:32	100
13				Yes	13/07/15	06°22.853 S	021°09.045 W	00:30	100
14				Yes	14/07/15	07°49.508 S	023°11.125 W	01:11	100
15				Yes	14/07/15	07°46.772 S	023°16.664 W	01:14	100
16				Yes	15/07/15	04°56.453 S	022°02.561 W	02:14	100
17				Yes	20/07/15	16°57.355 S	001°42.130 W	04:59	100
18				Yes	21/07/15	15°25.216 S	000°02.193 W	02:53	100
19				Yes	21/07/15	15°17.624 S	000°08.879 W	04:51	100
20				Yes	25/07/15	29°50.756 S	000°33.451 W	05:04	100
21				Yes	25/07/15	29°53.252 S	000°41.830 W	05:21	100
22				Yes	26/07/15	29°49.994 S	000°34.271 W	05:02	100
23				Yes	26/07/15	29°52.126 S	000°40.294 W	03:02	100
24				Yes	27/07/15	29°57.100 S	000°57.962 E	04:49	100
25				Yes	28/07/15	30°02.589 S	005°12.188 E	03:17	100

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Southern Bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	46.358	46.452	0	0	0	0	0	0	0	0	46.358	46.452	0.09	0.20
2	46.22	47.325	6.257	7.015	19.82	22.143	1.959	1.912	32.195	28.827	106.451	107.222	0.77	0.72
3	57.809	57.806	28.316	33.521	15.401	17.51	1.579	1.694	40.624	37.077	143.729	147.608	3.88	2.63
4	57.522	57.904	38.224	42.927	21.753	24.235	2.479	2.575	35.872	39.495	155.85	167.136	11.29	6.75
5	0	0	25.34	25.139	1.522	1.856	0	0	0.537	0	27.399	26.995	-0.40	-1.50
6	0	0	28.697	28.7	0.215	0.215	0	0	0.096	0	29.008	28.915	-0.09	-0.32
7	0	0	21.741	21.668	0.409	0.409	0	0	0.448	0	22.598	22.077	-0.52	-2.36
8	0	0	14.481	15.062	0.995	1.078	5.978	5.527	0.189	0	21.643	21.667	0.02	0.11
9	0	0	17.109	18.368	1.633	1.375	4.308	3.801	0.325	0	23.375	23.544	0.17	0.72
10	0	0	20.191	19.117	1.567	1.567	3.152	3.212	0.36	0	25.27	23.896	-1.37	-5.75
11	0	0	15.679	16.427	1.461	1.461	0	0	0.691	0	17.831	17.888	0.06	0.32
12	0	0	22.585	22.889	2.913	2.705	0	0	0.726	0	26.224	25.594	-0.63	-2.46
13	0	0	9.797	10.098	1.388	1.388	0	0	0.509	0	11.694	11.486	-0.21	-1.81
14	0	0	16.866	17.52	1.878	1.631	0	0	0.534	0	19.278	19.151	-0.13	-0.66
15	0	0	26.127	26.728	1.609	1.902	0	0	0.943	0	28.679	28.63	-0.05	-0.17
16	0	0	21.59	24.017	4.273	4.376	1.915	1.468	14.059	10.79	41.837	40.651	-1.19	-2.92
17	46.884	47.294	3.642	5.056	1.68	1.766	2.063	2.557	48.085	49.207	102.354	105.88	3.53	3.33
18	45.064	45.431	0.399	0.466	0	0	0	0	13.945	12.835	59.408	58.732	-0.68	-1.15
19	44.761	45.144	1.917	2.451	0.222	0.349	0.382	0.278	23.679	25.37	70.961	73.592	2.63	3.58
20	43.898	45.251	3.184	3.126	1.165	1.245	0.424	0.424	40.308	40.472	88.979	90.518	1.54	1.70
21	44.999	45.405	1.019	1.259	2.636	2.71	1.28	1.038	48.477	46.086	98.411	96.498	-1.91	-1.98
22	44.72	45.156	5.755	11.622	0.399	0.439	1.88	2.238	34.819	35.07	87.573	94.525	6.95	7.35
23	45.129	45.325	0.247	0.269	1.235	1.778	0.432	0.389	19.878	18.609	66.921	66.37	-0.55	-0.83
24	44.958	45.245	1.988	1.988	2.838	2.883	0.283	0.329	40.08	38.735	90.147	89.18	-0.97	-1.08
25	45.778	45.78	20.235	20.976	0.356	0.4	0.488	0.495	4.681	4.121	71.538	71.772	0.23	0.33

6 Species and weight transferred

The vessel contained 311.361 ton of tuna products when the observer boarded. The total declared weight and Stock Identification Areas of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2 and the average weight of fish transhipped by species is shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed %	Declared weight (t)	Declared %
	Other fish Unclassified	UNK	0.048	0.00	0.000	0.00
Albacore	<i>Thunnus alalunga</i>	IND	12.808	0.86	0.000	0.00
Albacore	<i>Thunnus alalunga</i>	MIX	90.574	6.11	0.000	0.00
Albacore	<i>Thunnus alalunga</i>	S	150.439	10.14	73.961	4.91
Albacore	<i>Thunnus alalunga</i>	UNK	0.000	0.00	198.384	13.17
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	5.258	0.35	0.000	0.00
Atlantic blue marlin	<i>Makaira nigricans</i>	UNK	0.000	0.00	7.382	0.49
Bigeye tuna	<i>Thunnus obesus</i>	ALL	336.068	22.65	76.448	5.07
Bigeye tuna	<i>Thunnus obesus</i>	IND	6.257	0.42	0.000	0.00
Bigeye tuna	<i>Thunnus obesus</i>	MIX	9.061	0.61	0.000	0.00
Bigeye tuna	<i>Thunnus obesus</i>	UNK	0.000	0.00	299.961	19.91
Black marlin	<i>Makaira indica</i>	IND	0.048	0.00	0.000	0.00
Black marlin	<i>Makaira indica</i>	SW	0.978	0.07	0.000	0.00
Black marlin	<i>Makaira indica</i>	UNK	0.000	0.00	1.449	0.10
Blue shark	<i>Prionace glauca</i>	SE	0.030	0.00	0.000	0.00
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	92.145	6.21	0.000	0.00
Butterfly kingfish	<i>Gasterochisma melampus</i>	UNK	0.000	0.00	91.990	6.11
Indo-Pacific blue marlin	<i>Makaira mazara</i>	IND	0.090	0.01	0.000	0.00
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	IND	2.304	0.16	0.000	0.00
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	UNK	0.000	0.00	1.669	0.11
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	IND	1.915	0.13	0.000	0.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	IND	1.414	0.10	0.000	0.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	UNK	0.000	0.00	1.640	0.11
Opah	<i>Lampris guttatus</i>	MIX	10.700	0.72	0.000	0.00
Opah	<i>Lampris guttatus</i>	SE	3.504	0.24	0.000	0.00
Opah	<i>Lampris guttatus</i>	UNK	0.000	0.00	14.238	0.95
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	IND	1.048	0.07	0.000	0.00
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	UNK	0.000	0.00	0.985	0.07
Skipjack tuna	<i>Katsuwonus pelamis</i>	IND	0.022	0.00	0.000	0.00
Skipjack tuna	<i>Katsuwonus pelamis</i>	UNK	0.000	0.00	0.087	0.01

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed %	Declared weight (t)	Declared %
Southern bluefin tuna	<i>Thunnus maccoyii</i>	IND	46.358	3.12	0.000	0.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	0.000	0.00	115.710	7.68
Southern bluefin tuna	<i>Thunnus maccoyii</i>	SE	567.742	38.27	0.000	0.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	UNK	0.000	0.00	503.808	33.44
Striped marlin	<i>Tetrapturus audax</i>	IND	0.644	0.04	0.000	0.00
Striped marlin	<i>Tetrapturus audax</i>	UNK	0.000	0.00	0.523	0.03
Swordfish	<i>Xiphias gladius</i>	IND	1.959	0.13	0.000	0.00
Swordfish	<i>Xiphias gladius</i>	MIX	1.139	0.08	0.000	0.00
Swordfish	<i>Xiphias gladius</i>	S	25.504	1.72	4.269	0.28
Swordfish	<i>Xiphias gladius</i>	UNK	0.000	0.00	24.253	1.61
Tunas nei	<i>Thunnini</i>	ALL	1.620	0.11	0.000	0.00
Tunas nei	<i>Thunnini</i>	MIX	9.827	0.66	0.000	0.00
Tunas nei	<i>Thunnini</i>	SE	22.895	1.54	0.000	0.00
Tunas nei	<i>Thunnini</i>	UNK	0.000	0.00	1.700	0.11
Yellowfin tuna	<i>Thunnus albacares</i>	ALL	60.630	4.09	41.745	2.77
Yellowfin tuna	<i>Thunnus albacares</i>	IND	19.820	1.34	0.000	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	MIX	6.918	0.47	0.000	0.00
Young Tunas		MIX	0.028	0.00	0.000	0.00
Young Tunas		SE	0.823	0.06	0.000	0.00

Comments:

Stock IDs of transferred products were identified from transshipment declarations where possible. However, a previous version of the transshipment declaration which did not indicate stock IDs remained in circulation, and was used for most transshipments. Stock IDs were only indicated on the transshipment declarations from transshipment 3 (XXX and XXX)This issue was highlighted to the Chief Officer of XXX by the observer.

The observer therefore obtained stock information from fishing logbooks, consultation with the fishing masters, Authorisations to Tranship (e.g. Figure 2) and an internal Toei Reefer line Area of Catch document (example fig).

As well as the standard ICCAT stock IDs, some vessels indicated catches either wholly or partially from IOTC waters. Catches from entirely within IOTC are indicated by the stock ID IND. Catches from both the Indian and Atlantic Oceans are indicated by the stock ID MIX.

Catches within the Indian Ocean were indicated in the Authorisations to Tranship of:

- XXX (transshipment 1) (Figure 4)
- XXX (transshipment 2) (Figure 5)
- XXX (transshipment 17) (Figure 6)
- XXX (transshipment 20) (Figure 7)
- XXX (transshipment 23) (Figure 8)
- XXX (transshipment 24) (Figure 2)

Tunas nei with stock ID ALL indicate tuna eggs.

Figure 2 Authorisation to Tranship from XXX indicating catches from IOTC

Figure 3 Internal Toei Reefer Line document from XXX showing catch area

Figure 4 Authorisation to Tranship from XXX indicating catches from IOTC

Figure 5 Authorisation to Tranship from XXX indicating catches from IOTC

Figure 6 Authorisation to Tranship from XXX indicating catches from IOTC

Figure 7 Authorisation to Tranship from XXX indicating catches from IOTC

Figure 8 Authorisation to Tranship from XXX indicating catches from IOTC

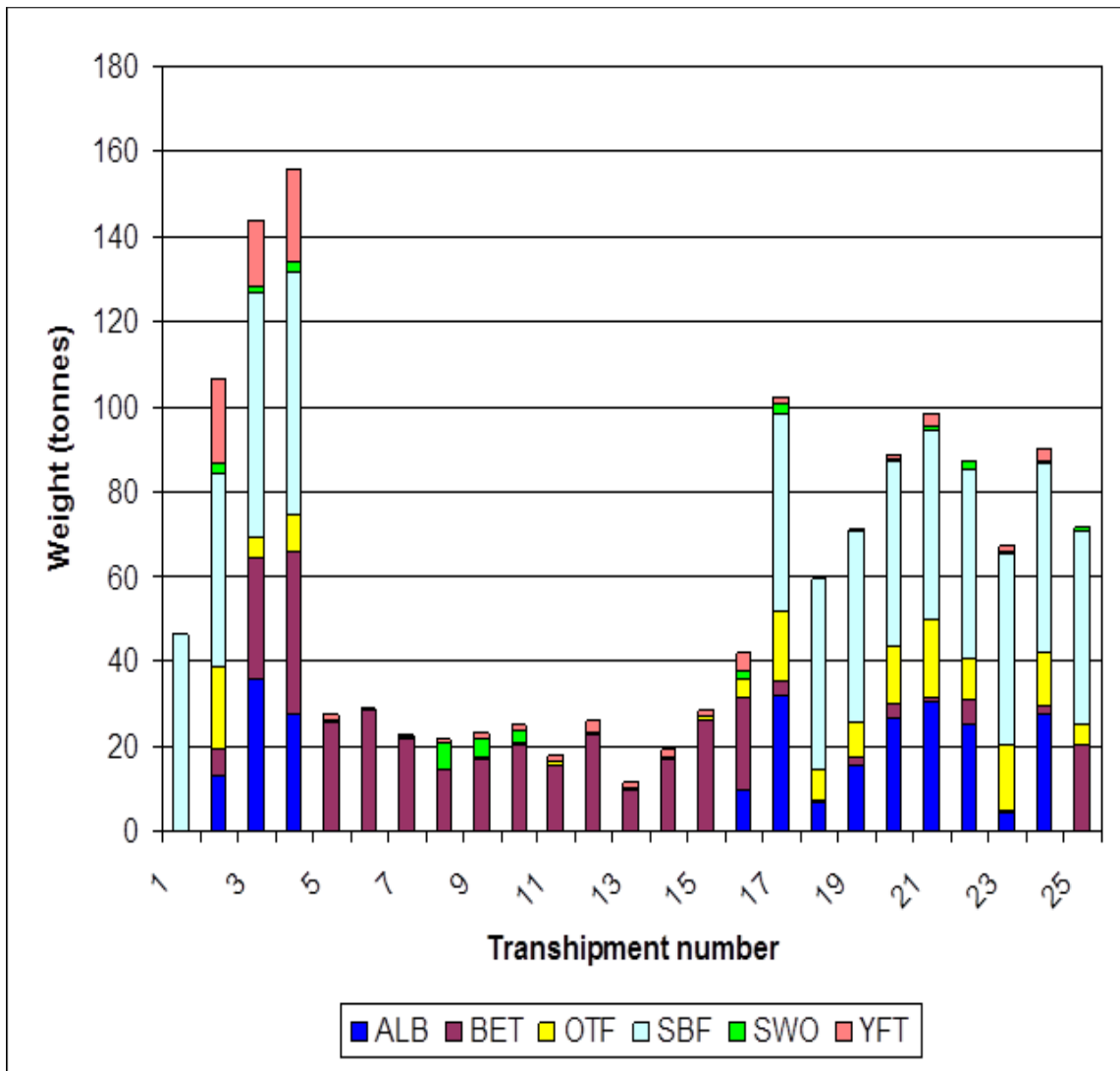


Figure 9 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	8.00
Albacore	<i>Thunnus alalunga</i>	14.99
Atlantic blue marlin	<i>Makaira nigricans</i>	83.46
Bigeye tuna	<i>Thunnus obesus</i>	39.50
Black marlin	<i>Makaira indica</i>	57.00
Blue shark	<i>Prionace glauca</i>	15.00
Butterfly kingfish	<i>Gasterochisma melampus</i>	14.92
Indo-Pacific blue marlin	<i>Makaira mazara</i>	90.00
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	18.14
Marlins,sailfishes,etc. nei	Istiophoridae	76.60
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	8.57
Opah	<i>Lampris guttatus</i>	9.88
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	12.63

Skipjack tuna	<i>Katsuwonus pelamis</i>	7.33
Southern bluefin tuna	<i>Thunnus maccoyii</i>	46.53
Striped marlin	<i>Tetrapturus audax</i>	40.25
Swordfish	<i>Xiphias gladius</i>	37.54
Tunas nei	Thunnini	41.23
Yellowfin tuna	<i>Thunnus albacares</i>	37.16
Young Tunas		4.28

Comments:

Average weights of species transhipped were taken from the LSPLV declared weights. Tuna that could not be identified during transfer were recorded as Tunas nei or Young Tunas (Thunnini). Marlins that could not be identified were recorded as Billfish (Istiophoridae). Other species that could not be identified were recorded as Other Fish Unclassified.

Species were transferred as the following products

Bigeye tuna (*Thunnus obesus*), Yellowfin tuna (*Thunnus albacares*), Tunas nei (Thunnini), Southern bluefin tuna (*Thunnus maccoyii*), Young Tunas (Thunnini) and Billfish (*Istiophoridae*) were transferred as Gilled and Gutted (GG) product.

Striped marlin (*Tetrapturus audax*), Indo-Pacific Blue Marlin (*Makaira mazara*), Atlantic Blue Marlin (*Makaira nigricans*) and Black Marlin (*Makaira indica*) were transferred as GG or Gutted with Head Removed (DR).

Albacore (*Thunnus alalunga*) and Skipjack tuna (*Katsuwonus pelamis*) were transferred Whole (RD).

Shortbill spearfish (*Tetrapturus angustirostris*), Indo-Pacific sailfish (*Istiophorus platypterus*), Blue shark (*Prionace glauca*), Butterfly kingfish (*Gasterochisma melampus*), Narrow-barred Spanish mackerel (*Scomberomorus commerson*) and Other fish Unclassified were transferred as DR while Swordfish (*Xiphias gladius*) and Opah (*Lampris guttatus*) were transferred in DR or Fillet (FL). Tuna Eggs were transferred in blocks.

7 Southern bluefin tuna (*T. maccoyii*) transhipments

Table 6 Summary of Southern bluefin tuna (*T. maccoyii*) transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date (DD/MM/YY)	Lat	Lon	Transhipment time	% Observed
01				Yes	27/06/15	32°29.900 S	013°31.198 E	02:00	100
02				Yes	29/06/15	32°32.459 S	013°00.306 E	05:34	100
03				Yes	02/07/15	19°13.048 S	006°08.589 E	09:53	100
04				Yes	03/07/15	18°50.676 S	006°06.777 E	10:33	100
17				Yes	20/07/15	16°57.355 S	001°42.130 W	04:59	100
18				Yes	21/07/15	15°25.216 S	000°02.193 W	02:53	100
19				Yes	21/07/15	15°17.624 S	000°08.879 W	04:51	100
20				Yes	25/07/15	29°50.756 S	000°33.451 W	05:04	100
21				Yes	25/07/15	29°53.252 S	000°41.830 W	05:21	100
22				Yes	26/07/15	29°49.994 S	000°34.271 W	05:02	100
23				Yes	26/07/15	29°52.126 S	000°40.294 W	03:02	100
24				Yes	27/07/15	29°57.100 S	000°57.962 E	04:49	100
25				Yes	28/07/15	30°02.589 S	005°12.188 E	03:17	100

Table 7 Summary of Southern bluefin tuna (*T. maccoyii*) catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Number	Monitoring Form	Tag series number (from – to)
01	9	1,024			
02	9	986			
03	9	46			
03	9	1,487			
04	9	59			
04	9	1,458			
17	9	1,028			
18	9	880			
19	9	938			

20	9	938		
21	9	777		
22	9	912		
22	15	25		
23	9	937		
24	9	937		
25	9	880		

Comments:

Southern Bluefin tuna (*T. maccoyii*) were usually transferred directly from the LSPLV hold to the CV hold in strings mixed with other species, which created difficulties in identifying Southern bluefin tuna and performing accurate estimates of numbers transferred. The presence of tags was checked throughout, with periodic closer inspections on strings that were laid down on the CV deck before being put in the hold (Figure 10). During transshipment 17 with XXX, the observer saw some possibly untagged Southern Bluefin tuna being transferred (Figure 11) in addition to the tagged Southern Bluefin tuna.

Figure 10 Tagged Southern bluefin tuna transhipped from XXX

Figure 11 Possible untagged Southern bluefin tuna transferred by XXX

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Y	27/06/15	Y	Y	Y	Faxed	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	27/06/15
2			Y	29/06/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	29/06/15
3			Y	02/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	01/07/15
4			Y	03/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	02/07/15
5			Y	05/07/15	Y	Y	Y	Y	Y	15/07/18	Y	Y	Y	Y	Y	Y	PB	04/07/15
6			Y	08/07/15	Y	Y	Y	Y	Y	24/01/17	Y	Y	Y	Y	Y	Y	PB	07/07/15
7			Y	08/07/15	Y	Y	Y	Y	Y	02/01/15	Y	Y	Y	Y	Y	Y	PB	07/07/15
8			Y	11/07/15	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	Y	PB	09/07/15
9			Y	11/07/15	Y	Y	Y	Y	Y	26/06/17	Y	Y	Y	Y	Y	Y	PB	10/07/15
10			Y	11/07/15	Y	Y	Y	Y	Y	25/05/18	Y	Y	Y	Y	Y	Y	PB	10/07/15
11			Y	13/07/15	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	12/07/15
12			Y	13/07/15	Y	Y	UNK	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	10/07/15
13			Y	13/07/15	Y	Y	N	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	18/06/15
14			Y	14/07/15	Y	Y	UNK	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	12/07/15
15			Y	14/07/15	Y	Y	UNK	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	13/07/15
16			Y	15/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	13/07/15
17			Y	20/07/15	Y	Y	Y	Y	Y	31/07/15	Y	Y	Y	Y	Y	Y	EL	19/07/15
18			Y	21/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	20/07/15
19			Y	21/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	20/07/15
20			Y	25/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	25/07/15
21			Y	25/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	24/07/15
22			Y	26/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	EL	26/07/15

23			Y	26/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	05/07/15
24			Y	27/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	26/07/15
25			Y	28/07/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	28/07/15

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 Comments from inspections

XXX (transhipment 12), XXX (transhipment 14) XXX (transhipment 15) did not display National Registration Number markings.

No.	Comments
1	14.480 t of Total Catch remained onboard LSPLV after transhipment consisted by OTF (7.145t); SKH (7.145t); SF (0.190t).
2	14.200 t of Total Catch remained onboard LSPLV after transhipment consisted by SKH (13.800t); SF (0.400t).
3	17.282 t of Total Catch remained onboard LSPLV after transhipment consisted by BET (0.420t); SKJ (0.023t); SBF (0.134t); ALB (1.232t); SFA (1.359t); BLZ (0.053t); LEC (1.872t); OIL (0.327t); BSH (6.093t); MAK (0.914t); BRA (0.330t); OPA (2.455t); DOL (0.0)
4	36.581 t of Total Catch remained onboard LSPLV after transhipment consisted by SKJ (0.010t); BSH (12.842t); MAK (2.138t); POR (0.859t); BUK (9.052t); SWO (1.438t); OTF (10.242t).
5	29.071 t of Total Catch remained onboard LSPLV after transhipment consisted by SWO (8.266t); BUM (1.179t); BLM (1.114t); SKH (15.133t); OIL (0.705t); OTF (2.674t).
6	0.410t of Total Catch remained onboard LSPLV after transhipment consisted by SKH (0.250t); OTF (0.160t)
7	0.610t of Total Catch remained onboard LSPLV after transhipment consisted by SKH (0.360t); SWO (0.250t)
8	22.700t of Total Catch remained onboard LSPLV after transhipment consisted by SKH (6.000t); SWO (11.600t); BUM (1.800t).
9	10.100t of Total Catch remained onboard LSPLV after transhipment consisted by SKH (1.600t); SWO (6.300t); BUM (1.800t); OIL (0.400t).
12	1.000t of Total Catch remained onboard LSPLV after transhipment consisted by OTF (1.000t).
13	NRN vessel markings displayed ET-200133, but recorded as FT-200133 in fishing licence and in ICCAT vessel list. Last logbook entry was on 18/06/2015

16	20.004t of Total Catch remained onboard LSPLV after transhipment consisted by OTF (1.554t); COM (2.448t); OPA (1.282t); DOL (1.128t); SKJ (0.454t); BUM (1.147t); BSH (11.106t); SKH (0.875t); SF (0.010t).
17	10.698 t of Total Catch remained onboard LSPLV after transhipment consisted by SKJ (0.149t); MAK (0.290t); BSH (3.614t); DOL (0.134t); OTF (3.549t); OIL (0.017t); LEC (2.653t).
18	5.316 t of Total Catch remained onboard LSPLV after transhipment consisted by SMA (0.164t); SF (0.085t); BSH (3.136t); DOL (0.008t); BRA (1.814t).
19	13.717 t of Total Catch remained onboard LSPLV after transhipment consisted by SKJ (0.043t); SKH (0.152t); BSH (8.892t); DOL (0.007t); BRA (4.389t); OIL (0.234t).
20	14.758 t of Total Catch remained onboard LSPLV after transhipment consisted by SKJ (0.280t); BSH (5.654t); MAK (1.234t); SF (0.150t); BRA (3.528t); OIL (0.555t); SSP (1.009t); MLS (0.321t); BLM (0.531t); BLZ (1.348t); SFA (0.048t); OTH (0.100t).
21	6.302 t of Total Catch remained onboard LSPLV after transhipment consisted by DOL (0.015t); BSH (1.743t); SF (0.096t); BRA (3.406t); OTH (1.042t).
22	16.246 t of Total Catch remained onboard LSPLV after transhipment consisted by LMA (1.204t); MAK (1.065t); BSH (10.097t); SF (0.324t); DOL (0.025t); BRA (2.146t); OIL (0.406t); LEC (0.824t).
23	7.483 t of Total Catch remained onboard LSPLV after transhipment consisted by MAK (0.921t); BSH (4.535t); SF (0.078t); BRA (1.949t). Last log book entry was on 05/07/2015. Logbook pages to cover 18/07/2015 to 26/07/2015 were emailed XXX on 27/0
24	3.629 t of Total Catch remained onboard LSPLV after transhipment consisted by MLS (0.050t); MAK (0.190t); BSH (1.026t); SF (0.050t); SFA (0.048t); BRA (0.965t); BLZ (0.300t); OTH (1.000t).
25	Last transhipment recrded in Fishing Logbook on the 22/07/2015 in Cape Town (SA).

The observer made two Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
13			17113	LND	IIM	
23			17123	LND		

8.1 Verifying vessel name / RFMO number and National Registration Number.

XXX (transshipment 13) displayed National Registration Number markings (Figure 12) which differed from that indicated in the fishing licence (Figure 13). The number indicated in the licence was in agreement with that recorded in the ICCAT vessel list.

**Figure 12 Incorrect National Registration Number on
XXX**

**Figure 13 National Registration Number on fishing
licence of XXX**

8.2 Issues with Fishing Licence, logbooks or VMS

The logbook shown to the observer during inspection on 13/07/2015 of XXX (transshipment 13) indicated the last entry to have been on 18/06/2015 (Figure 14). The fishing vessel master informed the observer that the vessel had experienced engine problems and had not been involved in fishing operations since then.

Figure 14 Logbook of XXX, showing out-of-date last entry

The logbook shown to the observer during inspection on 26/07/2015 of XXX (transshipment 23) indicated the last entry to have been on 05/07/2015 (Figure 15). The fishing vessel master informed the observer that the vessel operator had not released information on the latest fishing days due to the weekend. However, on 27/07/2015 the observer received via email the logbook pages covering 18/07/2015 to 26/07/2015.

Figure 15 Fishing logbook of XXX showing out-of-date last entry

9 Other Observer Tasks.

9.1 CV waste disposal

The waste management plan provided written procedures for minimising, collecting, storing, processing and disposing of garbage

General waste collection points were situated on the bridge, ship's office, engine room and in accommodations and recreational areas. Larger waste collection points, clearly segregated into different waste categories, were also present in the hospital, galley and on the upper deck. A comminuter was situated in the galley and an incinerator in the engine room.

Waste designated for short term storage, and comminuted food waste, was stored and then discharged to sea once outside restricted areas. The observer was unable to confirm if waster designated for long term and / or special storage and incinerator ash was stored until onshore disposal was possible.

Waste disposal procedures were recorded in the vessel's Garbage Record Book.

Placards notifying the crew and passengers of the discharge requirements of regulations 3, 4, 5 and 6 of MARPOL Annex V were not displayed in prominent places where crew work and live, and in areas where bins are placed for collection of garbage.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels observed during deployment period.

9.3 Marine mammals.

No marine mammals species observed during deployment period.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Long	Comments	Photo
		29/06/15	32°28.524 S	011°35.867 E	Dry Cargo	Yes
		02/07/15	19°13.048 S	006°08.589 E	Oil Drums; Dry Cargo; Bait; Frozen Food; Fishing Tackle	Yes
		03/07/15	18°50.676 S	006°06.777 E	Oil Drums; Dry Cargo; Bait; Frozen Food; Fishing Tackle	Yes
		05/07/15	12°01.184 S	003°00.746 E	Dry Cargo; Frozen Food; Fishing Tackle	Yes
		08/07/15	12°03.530 S	010°10.876 W	Dry Cargo; Frozen Food; Fishing Tackle	Yes
		08/07/15	12°02.501 S	020°13.983 W	Dry Cargo; Bait; Frozen Food; Fishing Tackle	Yes
		11/07/15	02°26.891 S	017°04.786 W	Bait	Yes
		11/07/15	02°25.554 S	017°06.098 W	Oil Drums; Dry Cargo; Bait; Frozen Food;	Yes
		11/07/15	02°23.018 S	017°09.275 W	Dry Cargo; Bait; Frozen Food; Fishing Tackle; Wood Box; Life Raft	Yes
		11/07/15	02°20.355 S	017°12.266 W	Dry Cargo; Bait; Fishing Tackle; Life Raft	Yes
		13/07/15	06°30.422 S	021°00.053 W	Dry Cargo; Frozen Food; Fishing Tackle	Yes
		13/07/15	06°26.851 S	021°03.879 W	Dry Cargo; Frozen Food	Yes
		13/07/15	06°22.853 S	021°09.045 W	Frozen Food; Fishing Tackle; Wood Box	Yes
		14/07/15	07°49.508 S	023°11.125 W	Dry Cargo; Frozen Food; Fishing Tackle;	Yes
		14/07/15	07°46.772 S	023°16.664 W	Dry Cargo; Frozen Food; Fishing Tackle	Yes
		15/07/15	04°56.453 S	022°02.561 W	Dry Cargo	Yes
		20/07/15	16°57.355 S	001°42.130 W	Dry Cargo; Frozen Food	Yes
		21/07/15	15°25.216 S	000°02.193 W	Dry Cargo; Frozen Food	Yes
		21/07/15	15°17.624 S	000°08.879 W	Fuel; Frozen Food	Yes
		25/07/15	29°50.756 S	000°33.451 W	Dry Cargo	Yes
		25/07/15	29°53.252 S	000°41.830 W	Dry Cargo; Fuel; Water	Yes
		26/07/15	29°49.994 S	000°34.271 W	Dry Cargo	Yes

ICCAT

Observer Report



Trip Number:	172/15
Vessel Name:	Taisei Maru No. 15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Rebeca Ocon Rodriguez
Cruise Dates:	From: 07/07/2015 To: 29/08/2015

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha LTD and MRAG, Rebeca Ocon (ROP no. 124) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No 15 (RFMO No AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 07/07/2015 to 29/08/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No 15	Call sign:	7JTK
Port of registration:	ISE	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha LTD	Charterer:	Taisei Maru Kaiun Kaisha LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 ton
Size (GRT):	4,969 ton	Length (LOA):	124.25 m
On-board acoustic equipment:		JRC-JFE 570S	
Position fixing equipment:		2 x JRC-Type JLR-7700MK II	
Vessel monitoring system (present/absent):		JRC JUE-95VM INMARSAT C	
Radar:		1 x JMA-9833SA ; 1 x JMA-7700 series	
Communications equipment:		MF/HF: JRC JSS-800 2 x VHF: JRC JHS-32A INMARSAT F33, FB, C	
Plotters:		JRC JMA-7700	
Tuna products already on board (Quantity)		26 tonnes	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	07/07/2015
Method of embarkation*	In port (dockside)
Date of departure	07/07/2015
Date of first transshipment	08/07/2015
Date of last transshipment	22/08/2015
Date of return	26/08/2015
Date of disembarkation	29/08/2015
Method of disembarkation*	In port (dockside)
Port of return	Cape Town, South Africa

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 30 transhipments at sea, the locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

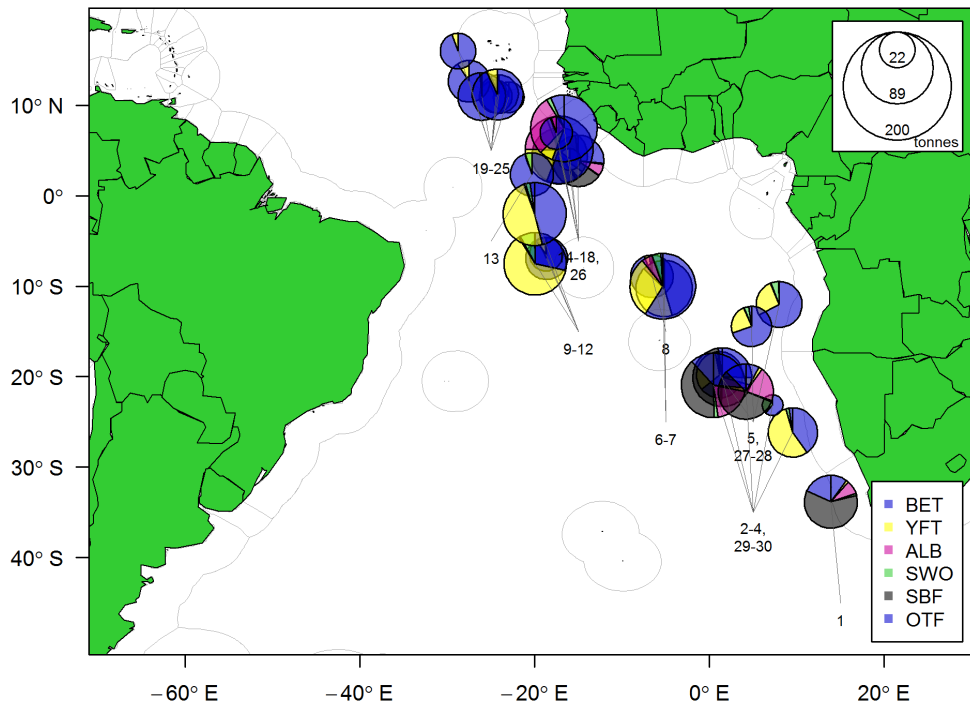


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	13
	17

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	08/07/2015	33°49,22 S	013°53,071 E	4:51	100
2				Yes	10/07/2015	26°09,349 S	009°31,969 E	3:50	100
3				Yes	11/07/2015	23°08,505 S	007°13,495 E	1:05	100
4				Yes	13/07/2015	20°03,506 S	001°27,581 E	6:56	100
5				Yes	13/07/2015	19°46,777 S	001°09,017 E	8:14	100
6				Yes	17/07/2015	10°14,763 S	005°11,402 W	1:57	100
7				Yes	18/07/2015	10°00,507 S	005°20,314 W	2:54	100
8				Yes	19/07/2015	08°54,111 S	006°35,147 W	1:54	100
9				Yes	21/07/2015	06°55,443 S	018°38,15 W	2:29	100
10				Yes	22/07/2015	06°29,008 S	018°40,743 W	2:31	100
11				Yes	23/07/2015	07°31,353 S	019°56,836 W	2:41	100
12				Yes	25/07/2015	02°01,253 S	019°59,897 W	3:44	100
13				Yes	26/07/2015	02°21,22 N	020°18,912 W	3:47	100
14				Yes	27/07/2015	04°25,667 N	017°09,075 W	6:12	100
15				Yes	28/07/2015	03°51,265 N	015°00,537 W	2:11	100
16				Yes	29/07/2015	04°00,954 N	015°59,711 W	2:24	100
17				Yes	30/07/2015	05°03,223 N	017°12,925 W	2:16	100
18				Yes	31/07/2015	07°27,2 N	016°39,417 W	7:52	100
19				Yes	02/08/2015	10°53,32 N	022°57,87 W	3:57	100
20				Yes	03/08/2015	10°58,695 N	024°27,046 W	3:56	100
21				Yes	04/08/2015	11°15 N	024°03,45 W	5:07	100
22				Yes	04/08/2015	11°11,567 N	024°14,243 W	2:39	100
23				Yes	05/08/2015	12°39,806 N	027°29,771 W	2:24	100
24				Yes	06/08/2015	15°59,46 N	028°45,96 W	2:53	100
25				Yes	09/08/2015	10°58,137 N	026°03,716 W	3:19	100
26				Yes	11/08/2015	06°55,72 N	017°31,629 W	0:37	100
27				Yes	17/08/2015	12°00,714 S	007°58,247 E	4:24	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
28				Yes	19/08/2015	14°26,696 S	004°48,303 E	5:21	100
29				Yes	20/08/2015	20°57,31 S	000°26,919 E	3:31	100
30				Yes	22/08/2015	21°38,583 S	004°09,21 E	3:25	100

Comments:

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	30.79674	29.02	3.84	3.6	0.461997	0.462	4.884052	4.82	85.736495	83.656	-2.08	-2.49
2	20.499935	18.928	0.3042	0.351	0.581784	0.374	7.788248	6.552	73.929399	70.96	-2.97	-4.18
3	11.46132	11.135	1.810632	1.778	0	0	0	0	13.271952	12.913	-0.36	-2.78
4	70.80635	70.112	24.321234	24.161	4.600992	2.539	28.561981	27.323	128.290557	124.135	-4.16	-3.35
5	73.359792	67.113	8.647815	7.723	3.21257	2.532	43.352894	41.59	128.573071	118.958	-9.62	-8.08
6	27.963279	26.738	0.448	0.256	0	0	1.827191	1.434	30.23847	28.428	-1.81	-6.37
7	48.339816	47.819	0.147	0.147	2.553168	2.5	0	0	51.039984	50.466	-0.57	-1.14
8	25.30325	24	0.224	0.16	1.33334	1.2	0	0	26.86059	25.36	-1.50	-5.92
9	26.8666896	26.73	2.372612	2.103	0	0	0	0	29.2393016	28.833	-0.41	-1.41
10	37.421054	37	3.122424	3	0	0	0	0	40.543478	40	-0.54	-1.36
11	45.082107	42.685	4.800768	4.515	0	0	0	0	49.882875	47.2	-2.68	-5.68
12	33.469074	32.315	2.15112	1.936	0	0	0	0	35.620194	34.251	-1.37	-4.00
13	62.104916	60.843	0.724368	0.664	0	0	0	0	62.829284	61.507	-1.32	-2.15
14	64.335485	65	5.082606	5	0	0	0	0	69.418091	70	0.58	0.83
15	49.46656	46.118	2.605328	1.954	0.922	0.922	0	0	52.993888	48.994	-4.00	-8.16
16	40.25	44.502	2.96	2.472	0.95	0.937	0	0	44.16	47.911	3.75	7.83
17	29.029131	26.803	3.641093	3.077	0	0	0	0	32.670224	29.88	-2.79	-9.34
18	34.017156	30.012	75.063456	66.1	8.394561	8.1	1.60183	1.3	119.077003	105.512	-13.57	-12.86

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
19	50.618775	50.1	52.8596	52.5	2.576	2.4	3.856258	3.6	109.910633	108.6	-1.31	-1.21
20	41.07502	38.9	38.739393	36	4.194372	4.012	7.313128	6.952	91.321913	85.864	-5.46	-6.36
21	73.849632	69.234	38.411505	35.313	5.342082	5.189	7.961247	7.605	125.564466	117.341	-8.22	-7.01
22	38.701146	38.396	15.097581	14.998	3.558422	3.249	0.337	0.337	57.694149	56.98	-0.71	-1.25
23	31.52814	30.772	10.905099	10.671	2.153388	1.615	2.372323	1.131	46.95895	44.189	-2.77	-6.27
24	39.26611	36.837	20.15272	18.919	1.486712	1.022	1.36	0.763	62.265542	57.541	-4.72	-8.21
25	28.623336	26.583	38.931256	36.204	1.342	1.342	1.831	1.73	70.727592	65.859	-4.87	-7.39
26	7.957845	7.2	0.13	0.13	4.766671	4.4	0	0	12.854516	11.73	-1.12	-9.59
27	25.6632	23.539	4.364541	3.999	1.612284	1.02	22.974378	21.855	98.069403	93.868	-4.20	-4.48
28	36.050886	29.467	2.458194	1.906	3.45056	2.386	35.4376654	35.47	120.5113054	112.343	-8.17	-7.27
29	7.347388	6.581	2.00652	1.832	1.393368	0.663	26.772581	26.359	84.342857	82.258	-2.08	-2.53

Comments:

- On Transshipment No. 18 the difference between the observer and vessel's estimations was bigger than 10%. The transshipment procedure was as usual, with no unusual transfer methods or large mixed strings of fish which might explain the difference in estimations. A possible explanation is that the LSPLV captain did not provide an accurate estimate of the quantity to be transhipped. His first estimation was 140 tons, the second estimation was 105 tons (the latter was recorded on the ICCAT Transshipment Declaration) and the total weight obtained with the hook scale on board the CV was 110.16 tons. Also, during the inspection the LSPLV captain commented that the total quantity on board the LSPLV would be 70 tonnes. It is possible that a part of this quantity was transferred to the CV, hence affecting the weight estimations.
- On Transshipment No. 14 the CV rejected six albacores because they were not recorded on the ICCAT Declaration by the LSPLV.

6 Species and weight transferred

The vessel contained 26 tonnes of tuna products when the observer boarded, which had been transhipped in port at Cape Town from the Torng Tay No.3. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, and a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Other fish Unclassified	-	All	1.44	0.07	0.53	0.03
Other fish Unclassified	-	NE	1.20	0.06	1.05	0.05
Other fish Unclassified	-	SE	0.28	0.01	2.54	0.13
Albacore	<i>Thunnus alalunga</i>	All	37.26	1.83	35.24	1.82
Albacore	<i>Thunnus alalunga</i>	N	10.52	0.52	11.23	0.58
Albacore	<i>Thunnus alalunga</i>	S	99.58	4.90	95.76	4.93
Atlantic blue marlin	<i>Makaira nigricans</i>	N	11.15	0.55	9.98	0.51
Atlantic blue marlin	<i>Makaira nigricans</i>	S	28.57	1.41	25.77	1.33
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NW	1.32	0.06	0.15	0.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.01	0.00	0.04	0.00
Bigeye tuna	<i>Thunnus obesus</i>	All	1118.96	55.09	1071.96	55.23
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	22.36	1.10	21.94	1.13

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	NW	0.20	0.01	0.17	0.01
Opah	<i>Lampris guttatus</i>	NW	0.10	0.01	0.10	0.01
Opah	<i>Lampris guttatus</i>	S	3.39	0.17	3.10	0.16
Opah	<i>Lampris guttatus</i>	SE	4.53	0.22	4.17	0.22
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	269.96	13.29	269.96	13.91
Striped marlin	<i>Tetrapturus audax</i>	NE	0.60	0.03	0.50	0.03
Swordfish	<i>Xiphias gladius</i>	All	1.87	0.09	0.92	0.05
Swordfish	<i>Xiphias gladius</i>	N	25.42	1.25	23.23	1.20
Swordfish	<i>Xiphias gladius</i>	S	28.92	1.42	23.58	1.21
Yellowfin tuna	<i>Thunnus albacares</i>	All	367.70	18.10	342.75	17.66

Comments:

- The 'Other fish unclassified' field consisted of: other tuna products such as bigeye tuna eggs and stomachs, which came on board in sacks, in addition to small pieces of cut bigeye tuna which were also transhipped in sacks.

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

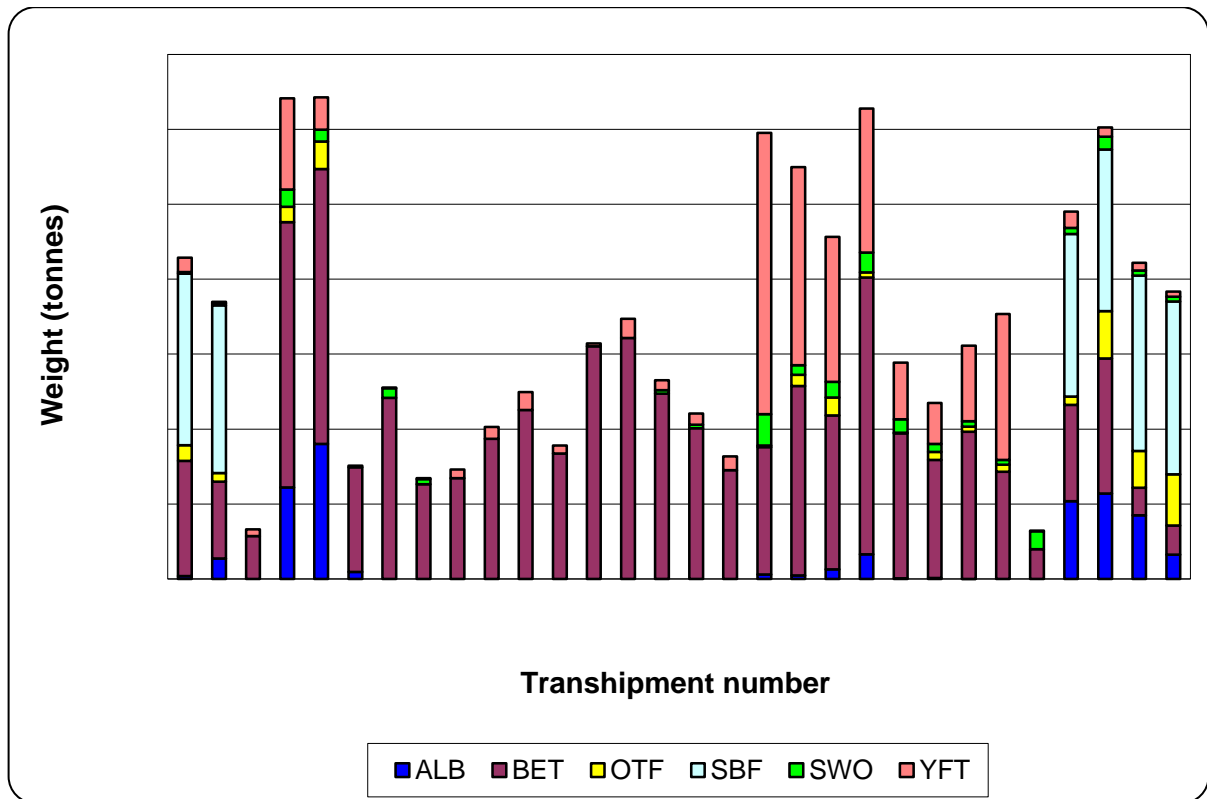


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	14.08
Albacore	<i>Thunnus alalunga</i>	12.07
Atlantic blue marlin	<i>Makaira nigricans</i>	110.62
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	147.72
Bigeye tuna	<i>Thunnus obesus</i>	42.52
Butterfly kingfish	<i>Gasterochisma melampus</i>	12.40
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	16.70
Opah	<i>Lampris guttatus</i>	8.67
Southern bluefin tuna	<i>Thunnus maccoyii</i>	49.79
Striped marlin	<i>Tetrapturus audax</i>	23.81
Swordfish	<i>Xiphias gladius</i>	44.02
Yellowfin tuna	<i>Thunnus albacares</i>	40.10

Comments:

- Brief description of the species transferred and the main product types:

Common Name	Scientific name	Product Types
Other fish Unclassified	-	OTHER
Albacore	<i>Thunnus alalunga</i>	RD
Atlantic blue marlin	<i>Makaira nigricans</i>	DR
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	DR
Bigeye tuna	<i>Thunnus obesus</i>	GG
Butterfly kingfish	<i>Gasterochisma melampus</i>	DR
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	DR
Opah	<i>Lampris guttatus</i>	DR
Southern bluefin tuna	<i>Thunnus maccoyii</i>	GG
Striped marlin	<i>Tetrapturus audax</i>	DR
Swordfish	<i>Xiphias gladius</i>	DR / FL
Yellowfin tuna	<i>Thunnus albacares</i>	DR

- The observer derived average weights from the information provided by the LSPLV on the ICCAT Declaration, and then multiplied the observed numbers by the average weights of each respective product or species group.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Trans. time	% Obs
1				Yes	08/07/2015	33°49,220 S	013°53,071 E	10:30	100
2				Yes	10/07/2015	26°09,349 S	009°31,969 E	6:30	100
27				Yes	17/08/2015	12.00.714 S	07.58.247 E	6:00	100
28				Yes	19/08/2015	14.26.696 S	04.48.303 E	7:15	100
29				Yes	20/08/2015	20.57.310 S	00.26.919 E	7:25	100
30				Yes	22/08/2015	21.38.583 S	04.09.210 E	7:10	100

Each transhipment of SBT came with catch documentation, which is summarised in Table 7.

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No. Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	899		
2	9	904		
27	9	840		
28	9	1092		
29	9	818		
30	9	869		

8 LSPLV Inspections

The LSPLV inspections carried out by the observer are summarised below in Table 8.

Table 8 Summary of inspections made on board LSPLVs.

					Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
1			Yes	08/07/15	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Y	Yes	Yes	Yes	PU	06/07/2015
2			Yes	10/07/15	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Y	Yes	Yes	Yes	PU	09/07/2010
3			Yes	11/07/15	Yes	Yes	Yes	Yes	Yes	09/08/18	Yes	Y	Yes	Yes	Yes	PB	10/07/2015
4			Yes	13/07/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	No	Yes	PU	12/07/2015
5			Yes	13/07/15	Yes	Yes	Yes	Yes	Yes	31/07/15	Yes	Y	Yes	Yes	Yes	PU	13/07/2015
6			Yes	17/07/15	Yes	Yes	Yes	Yes	Yes	09/01/18	Yes	Y	Yes	No	Yes	PB	17/07/2015

					Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
7			Yes	18/07/15	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Y	Yes	Yes	Yes	PB	17/07/2015
8			Yes	19/07/15	Yes	Yes	Yes	Yes	Yes	01/03/17	Yes	Y	Yes	Yes	Yes	PB	18/07/2015
9			Yes	21/07/15	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Y	Yes	Yes	Yes	PB	19/07/2015
10			Yes	22/07/15	Yes	Yes	Yes	Yes	Yes	01/12/19	Yes	Y	Yes	Yes	Yes	PB	21/07/2015
11			Yes	23/07/15	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Y	Yes	Yes	Yes	PB	21/07/2015
12			Yes	25/07/15	Yes	Yes	Un k	Yes	Yes	12/01/17	Yes	Y	Yes	Yes	Yes	PB	16/07/2015
13			Yes	26/07/15	Yes	Yes	Yes	Yes	Yes	11/05/16	Yes	Y	Yes	Yes	Yes	PB	20/07/2015
14			Yes	27/07/15	Yes	Yes	Yes	Yes	Yes	03/11/16	Yes	Y	Yes	Yes	Yes	PB	26/07/2015

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

					Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
15			Yes	28/07/15	Yes	Yes	Yes	Yes	Yes	18/10/15	Yes	Y	Yes	Yes	Yes	PB	27/07/2015
16			Yes	29/07/15	Yes	Yes	Yes	Yes	Yes	03/04/16	Yes	Y	Yes	Yes	Yes	PB	28/07/2015
17			Yes	30/07/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	F	Yes	Yes	Yes	PU	29/07/2015
18			Yes	31/07/15	Yes	Yes	Yes	Yes	Yes	10/07/18	Yes	F	Yes	Yes	Yes	PB	30/07/2015
19			Yes	02/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	31/07/2015
20			Yes	03/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	02/08/2015
21			Yes	04/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	03/08/2015
22			Yes	04/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/08/2015
					Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
23			Yes	05/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/08/2015
24			Yes	06/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	05/08/2015
25			Yes	09/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	08/08/2015
26			Yes	11/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	F	Yes	Yes	Yes	PU	10/08/2015
27			Yes	17/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/08/2015
28			Yes	18/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	17/08/2015
29			Yes	20/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	19/08/2015
30			Yes	22/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	20/08/2015

Comments.

- Inspection #17, #18 and #26: The authorisation to tranship was not on board the LSPLV. In all cases, the fax on board the LSPLV was not working and the CV Company sent the document to the CV.

Table 9 Comments from inspections

No	Comments
1	<ul style="list-style-type: none"> - PNC regarding Logbook was generated - 17 tons remained on board after transshipment
2	<ul style="list-style-type: none"> - PNC regarding Logbook was generated - 25,5 tons remained on board after transshipment
3	<ul style="list-style-type: none"> - 105,364 tons remained on board after transshipment. - Markings at bow of the vessel: Name and national registration number were clearly visible
4	<ul style="list-style-type: none"> - During the inspection VMS was not working. LSPLV Captain explained to the observer that the VMS had been broken since 26/06/2015 and he was unable to fix it. The CV brought a new VMS for the LSPLV. After Inspection (during the transshipment) the LSPLV Captain prepared the new VMS and invited the observer to check it. Upon a second inspection the VMS light was on. The LSPLV Captain wrote a comment on the hard copy of the Observer Inspection Report, which translates as "Argos was broken on 26/06/2015" - PNC regarding Logbook and VMS was generated - 19,043 tons remained on board after transshipment
5	<ul style="list-style-type: none"> - PNC regarding Logbook was generated. - 2,349 tons remained on board after transshipment. - Fishing Vessel had 2 Fishing Logbooks: <ol style="list-style-type: none"> 1) The Logbook for Large Scale Tuna Longline Vessels. 2) ICCAT Logbook for Tuna Fishery
6	<ul style="list-style-type: none"> - No power light visible on the VMS unit. LSPLV captain explained to the observer that the light was off but the signal was working, and therefore his company did not send a new VMS. The LSPLV captain showed the observer a second VMS unit but it was not contained in the Observer VMS identification guide. Also, the LSPLV captain asked the National Observer on board to write about this situation on the ICCAT Observer Inspection report paper form. - PNC regarding the VMS was generated - Vessel marking: Home port at stern was hard to read
7	<ul style="list-style-type: none"> - Nothing to report

8	- LSPLV had 2 kinds of VMS, and the observer could not identify either system. - Marking on vessel: a) Call Sign at side was hard to read b) No home port at stern was recorded
9	30 tons remained on board after transshipment
10	13 tons remained on board after transshipment
11	During inspection the LSPLV captain explained to the observer that the total quantity of fish to tranship was 55,72 tons. However, during transshipment the CV noted that this quantity was 47,20 tons and modified the regarding documentation.
12	- Fishing Logbook: Date of last entry: 16/07/2015 Date of inspection: 25/07/2015 LSPLV captain explained that these dates were due to the LSPLV visiting Senegal in order to fix an engine problem. - Markings on vessel: Name and national registration number were not visible on the bow. NRN neither was registered on the side, so the observer could not verify if marking on vessel was same as RFMO Record. Home port of the vessel was not recorded on the stern. PNC regarding the fishing logbook and vessel markings was generated.
13	- Fishing Logbook: Date of last entry: 20/07/2015 Date of inspection: 26/07/2015 LSPLV Captain explained that these dates were due to this LSPLV towing the xxx to Senegal (see comments in section 12) PNC regarding fishing logbook dates was generated.

14	- Markings on vessel: No home port was recorded on the stern.
15	6,900 tons remained on board after transshipment.
16	8,600 tons remained on board after transshipment.
17	- Authorisation to Tranship was not on board due to fax not working. The CV Company later sent the authorisation to the CV. - Incorrect RFMO number recorded on ICCAT Transshipment Declaration: The RFMO number recorded on ICCAT Declaration was Axx. The correct RFMO number for [LL is different].

	A PNC regarding the authorisation to tranship, the incorrect RFMO number and the logbook was generated.
18	Authorisation to Tranship was not on board due to fax not working. The CV Company later sent the authorisation to the CV.
19	- PNC regarding Logbook was generated.
20	- PNC regarding Logbook was generated.
21	- PNC regarding Logbook was generated.
22	- PNC regarding Logbook was generated.
23	- PNC regarding Logbook was generated. - Incorrect RFMO number recorded on ICCAT Transhipment Declaration: RFMO number recorded on ICCAT Declaration was xx Correct RFMO number for [LL is different]
24	- PNC regarding Logbook was generated.
25	- PNC regarding Logbook was generated.
26	- Authorisation to Transhipment was not on board. LSPLV captain explained to observer that the fax was still not working (this vessel was previously inspected on 30/07/2015 , and the fax was not working). The CV Company later sent the authorisation to the CV. - Incorrect RFMO number recorded on ICCAT Transhipment Declaration: RFMO number recorded on ICCAT Declaration was xx. Correct RFMO number for [LL is different]. - PNC regarding the logbook, the authorisation to tranship and incorrect RFMO number was generated.
27	- PNC regarding Logbook was generated.
28	- PNC regarding Logbook was generated
29	- PNC regarding Logbook was generated
30	- PNC regarding Logbook was generated

The observer made 20 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1	LNB	LNN	-
2			2	LNB	LNN	-
4			3	LNB	LNN	VNL
5			4	LNB	LNN	-
6			5	VNL	-	-
12			6	LND	IIM	-
13			7	LND	-	-
17			8	LNB	LNN	-
19			9	LNB	LNN	-
20			10	LNB	LNN	-
21			11	LNB	LNN	-
22			12	LNB	LNN	-
23			13	LNB	LNN	OTH
24			14	LNB	LNN	-
25			15	LNB	LNN	-
26			16	LNB	DNP	OTH
27			17	LNB	LNN	-
28			18	LNB	LNN	-
29			19	LNB	LNN	-
30			20	LNB	LNN	-

Comments:

- Other activities or vessels that may be in breach of ICCAT conservation and management measures were not observed during the monitoring period.

8.1 Issues relating to PNCs

- **Issues related to RFMO number:**

Incorrect RFMO Number was recorded on ICCAT Transhipment Declaration:

LSPLV Name:		
Transhipment number	17 and 26	23
PNC Number	8 and 16	13
RFMO number on ICCAT Declaration		
Correct RFMO number		

CV Company admitted this mistake and added they have directed the LSPLV to check the ICCAT number before each transhipment. The incorrect Transhipment Declarations produced were corrected by the CV several days later, but there was no correction for the xxx. Photographs of the relevant Transhipment Declarations [were] include.

- **Issues related to vessel markings**

LSPLV Name: xxx

On Transshipment No. 12 the vessel name was partially obscured on the bow (PNC No. 6). See photo a below

a)

- LSTLV Name: (Transshipment No. 8):
Call Sign on the side was hard to read

- LSTLV Name: (Transshipment No. 8):
Name on bow was hard to read

- **Issues related to fishing licences, logbooks or VMS**

- During Transshipment No. 4 no power light was visible on the VMS unit (PNC No.3) The LSPLV Captain explained to the observer that the VMS had been broken since 26/06/2015 and he was unable to fix it. The CV brought a new VMS for the LSPLV. After Inspection (during the transshipment) the LSPLV Captain prepared the new VMS and invited the observer to check it. Upon a second inspection the VMS light was on. The LSPLV Captain wrote a comment on the Observer Inspection Report, which translates as "Argos was broken on 26/06/2015". See photos a, b, c and d below.



a) VMS during first inspection



c) LSPLV captain preparing the new VMS



d) VMS after second inspection (

-
- During Transshipment No. 6 no power light was visible on the VMS unit (PNC No.5). The LSPLV captain explained to the observer that the light was off but the signal was working, and therefore his company did not send a new VMS. The LSPLV captain showed the observer a second VMS unit but it was not contained in the Observer VMS identification guide. Also, the LSPLV captain asked the National Observer on board to write about this situation on the ICCAT Observer Inspection report paper form.



a) VMS unit, no power light was visible



b) 2nd kind of VMS shown to the observer

- Fishing Logbook not bound and sheets not numbered:
- Fishing logbook not up to date

9 Other Observer Tasks.

9.1 CV waste disposal

All kind of produced waste were retained on board in containers for disposal ashore.

9.2 Unidentified or IUU vessels

Tr. 12 - (PNC No. 6)

No
were

Tr. 13 - (PNC No. 7)

unidentified or IUU vessels
sighted during the cruise.

9.3 Marine mammals.

On one occasion a Sperm Whale was observed.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
17/08/2015	08:05	12 ⁰⁰ ,714 S	07 ⁵⁸ ,247 E	Sperm Whale (<i>Physeter macrocephalus</i>)	1	Sperm whale swam past, there were no interactions with the vessel.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

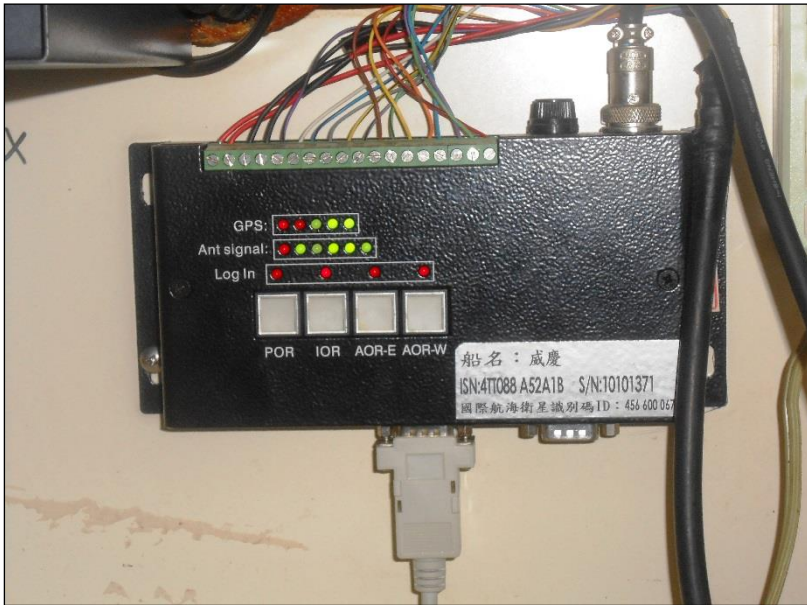
Appendix I: Non-ROP transhipments conducted by the Carrier Vessel.

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		12/07/2015	21° 53,498 S	04° 46,630 E	Bait transhipped = 2596 c/s	Y
		12/07/2015	21° 48,030 S	04° 42,226 E	Bunkering = 100 k/l	Y
		12/07/2015	21° 42,532 S	04° 36,117 E	Bait transhipped = 2218 c/s	Y
		16/07/2015	10° 20,000 S	04° 48,000 W	Bait transhipped = 4515 c/s	Y
		25/07/2015	02° 11,607 S	20° 09,169 W	Bait transhipped = 3000 c/s	Y
		28/07/2015	04° 48,148 N	16° 10,641 W	Frozen/Dry food = 1,830 ton	Y
		02/08/2015	10° 57,041 N	22° 51,176 W	Frozen/Dry food = 414 c/s	Y
		02/08/2015	11° 05,022 N	23° 00,697 W	Frozen/Dry food = 141 c/s	Y
		03/08/2015	11° 04,807 N	24° 27,656 W	Frozen/Dry food = 333 c/s	Y
		03/08/2015	11° 04,115 N	24° 31,045 W	Frozen/Dry food = 436 c/s	Y
		03/08/2015	11° 04,940 N	24° 30,489 W	Frozen/Dry food = 166 c/s	Y
		05/08/2015	12° 13,326 N	27° 00,787 W	Frozen/Dry food = 141 c/s	Y
		16/08/2015	09° 05,397 S	09° 29,534 E	Bunkering = 110 k/l	Y
		21/08/2015	21° 04,675 S	04° 30,566 E	Bunkering = 200 k/l	Y
		21/08/2015	21° 10,572 S	04° 28,403 E	Bunkering = 200 k/l	Y
		23/08/2015	21° 59,077 S	04° 58,780 E	Fish transhipment on Walvis Bay (75 tons). Inspectors were in charge of this operation.	Y

Appendix II

1. - Unidentified or Unusual VMS systems:



Make: Unknown
Model: Unknown

LSPLV Name:(Transhipment No. 6)

ICCAT

Observer Report



Trip Number:	173
Vessel Name:	TAISEI MARU NO. 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	HAKAN YILMAZYERLI
Cruise Dates:	From: 20/08/2015 To: 21/10/2015

1 Cruise Summary

In accordance with the bilateral agreement between TAISEIMARU KAIUN KAISHA, LTD., Hakan Yilmazyerli (ROP No. 127) joined the JAPAN registered Carrier Vessel (CV) TAISEI MARU NO. 24 (RFMO No. AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 20/08/2015 to 21/10/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU NO. 24	Call sign:	JILE
Port of registration:	ISE – SHI (JAPAN)	Flag State:	JAPAN
Owner:	TAISEIMARU KAIUN KAISHA, LTD.	Charterer:	TAISEIMARU KAIUN KAISHA, LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3113 t
Size (GRT):	4992	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC – JFE 570S		
Position fixing equipment:	JRC – JLR 7800, JLR 6800, JLR 7700 MK II		
Vessel monitoring system (present/absent):	Present: JRC – JUE 95VM, INMARSAT-C		
Radar:	JRC – JMA 9132-SA, JMA 6503-9		
Communications equipment:	HF/MF: JRC – JSS 800 2x VHF: JRC – JHS 31 INMARSAT B, C and F33		
Plotters:	JRC – NWU 53		
Tuna products already on board (Quantity)	0		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	20/08/2015
Method of embarkation*	Portside
Date of departure	20/08/2015
Date of first transshipment	26/08/2015
Date of last transshipment	16/10/2015
Date of return	21/10/2015
Date of disembarkation	21/10/2015
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

*(portside, transfer vessel in port, transfer vessel offshore)

The observer embarked at 15:30 on 20/08/2015. He disembarked at Cape Town at 10:00 on 21/10/2015, then rejoined the vessel at 17:00 the same day to remain onboard as an IOTC observer.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 45 transhipments at sea. The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

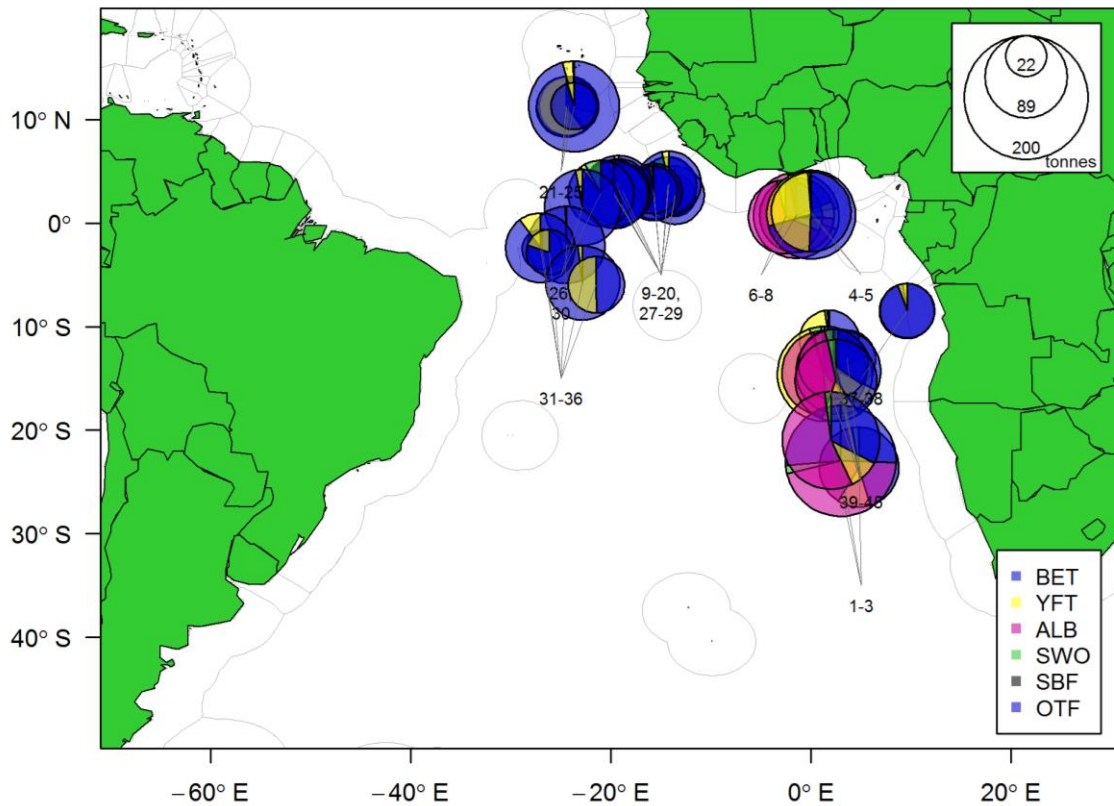


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	26
	17
	1

Comments:

25 exclusively non-ROP transhipments were also carried out (Table 9).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Y	26/08/2015	23°33 S	004°47 E	06:25	100
2				Y	27/08/2015	22°57 S	002°58 E	03:30	100
3				Y	31/08/2015	20°59 S	001°59 E	05:00	100
4				Y	05/09/2015	00°49 N	000°00 W	01:30	100
5				Y	05/09/2015	01°05 N	000°00 W	01:55	100
6				Y	06/09/2015	00°44 N	001°29 W	01:35	100
7				Y	06/09/2015	00°45 N	001°25 W	02:45	100
8				Y	07/09/2015	00°37 N	002°35 W	02:25	100
9				Y	09/09/2015	02°38 N	013°35 W	01:30	100
10				Y	09/09/2015	02°42 N	013°36 W	02:15	100
11				Y	10/09/2015	03°33 N	014°20 W	01:05	100
12				Y	10/09/2015	03°41 N	014°16 W	01:15	100
13				Y	10/09/2015	03°50 N	014°13 W	01:40	100
14				Y	11/09/2015	02°53 N	015°43 W	02:45	100
15				Y	11/09/2015	03°00 N	015°44 W	02:40	100
16				Y	11/09/2015	03°13 N	015°45 W	01:10	100
17				Y	12/09/2015	02°57 N	018°47 W	02:55	100
18				Y	12/09/2015	03°03 N	018°51 W	02:40	100
19				Y	13/09/2015	03°11 N	019°14 W	03:05	100
20				Y	13/09/2015	03°11 N	019°14 W	03:30	100
21				Y	15/09/2015	11°19 N	024°12 W	04:35	100
22				Y	16/09/2015	11°10 N	024°30 W	03:10	100
23				Y	16/09/2015	11°17 N	024°25 W	02:15	100
24				Y	17/09/2015	11°16 N	023°41 W	02:05	100
25				Y	17/09/2015	11°18 N	023°39 W	01:55	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
26				Y	19/09/2015	02°53 N	021°00 W	07:00	100
27				Y	20/09/2015	02°41 N	019°38 W	02:10	100
28				Y	20/09/2015	02°48 N	019°39 W	03:30	100
29				Y	26/09/2015	01°53 N	019°00 W	01:35	100
30				Y	27/09/2015	01°31 N	022°51 W	04:15	100
31				Y	28/09/2015	02°06 S	024°27 W	01:15	100
32				Y	29/09/2015	02°32 S	026°53 W	04:35	100
33				Y	29/09/2015	02°23 S	027°03 W	02:30	100
34				Y	30/09/2015	02°49 S	026°11 W	02:20	100
35				Y	01/10/2015	05°46 S	022°49 W	01:55	100
36				Y	02/10/2015	05°57 S	021°28 W	02:05	100
37				Y	08/10/2015	08°29 S	009°34 E	01:55	100
38				Y	08/10/2015	08°27 S	009°37 E	05:55	100
39				Y	10/10/2015	13°05 S	003°37 E	06:00	100
40				Y	11/10/2015	11°18 S	001°49 E	06:15	100
41				Y	12/10/2015	14°33 S	001°22 E	03:20	100
42				Y	13/10/2015	14°28 S	001°18 E	05:25	100
43				Y	14/10/2015	14°20 S	002°43 E	04:45	100
44				Y	15/10/2015	13°37 S	002°13 E	13:20	100
45				Y	16/10/2015	15°11 S	002°29 E	08:00	100

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	23.466	23.466	8.53	8.53	1.615	1.615	72.569	72.569	106.18	106.18	0.00	0.00
2	15.207	15.207	6.119	6.119	1.121	1.121	58.043	58.043	80.49	80.49	0.00	0.00
3	20.153	20.153	4.598	4.598	2.933	2.933	51.221	51.221	78.905	78.905	0.00	0.00
4	25.626	23.4	1.095	1	0	0	0	0	26.721	24.4	-2.32	-9.51
5	41.243	43.036	0.665	0.694	5.64	5.64	0	0	47.548	49.37	1.82	3.69

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
6	47.463	43.412	0.479	0.438	4.61	4.61	0	0	52.552	48.46	-4.09	-8.44
7	41.464	41.676	0.402	0.404	4.055	4.055	0	0	45.921	46.14	0.21	0.46
8	55.953	58.144	1.979	2.056	0	0	0	0	57.932	60.2	2.27	3.77
9	37.048	37.541	0.779	0.789	0	0	0	0	37.827	38.33	0.50	1.31
10	46.062	45.854	1.322	1.316	0	0	0	0	47.384	47.17	-0.21	-0.45
11	31.7	32.714	0.2	0.206	0	0	0	0	31.9	32.92	1.02	3.10
12	43.157	42.357	0.4	0.393	0	0	0	0	43.557	42.75	-0.81	-1.89
13	44.476	46.632	0.341	0.358	0	0	0	0	44.817	46.99	2.17	4.62
14	64.876	68.355	1.343	1.415	0	0	0	0	66.219	69.77	3.55	5.09
15	56.155	55.968	0.755	0.752	0	0	0	0	56.91	56.72	-0.19	-0.33
16	15.708	16.146	13.04	13.404	0	0	0	0	28.748	29.55	0.80	2.71
17	62.57	61.96	1.767	1.75	0	0	0	0	64.337	63.71	-0.63	-0.98
18	61.88	66.206	0.78	0.834	0	0	0	0	62.66	67.04	4.38	6.53
19	59.325	56.57	1.573	1.5	5.285	5.04	0	0	66.183	63.11	-3.07	-4.87
20	81.95	81.591	2.51	2.499	0	0	0	0	84.46	84.09	-0.37	-0.44
21	78.018	80.911	30.907	32.053	1.042	1.08	0.372	0.386	110.339	114.43	4.09	3.58
22	47.65	46.762	45.033	44.194	0.711	0.698	0.393	0.386	93.787	92.04	-1.75	-1.90
23	13.228	13.821	35.116	36.689	0	0	0	0	48.344	50.51	2.17	4.29
24	22.388	20.49	33.315	30.49	0	0	0	0	55.703	50.98	-4.72	-9.26
25	18.594	20.53	27.723	30.61	0	0	0	0	46.317	51.14	4.82	9.43
26	105.158	114.746	4.274	4.664	0	0	0.376	0.41	109.808	119.82	10.01	8.36
27	28.388	30.045	1.479	1.565	0	0	0	0	29.867	31.61	1.74	5.51
28	94.858	85.886	0.424	0.384	0	0	0	0	95.282	86.27	-9.01	-10.45
29	24.202	22.525	0.532	0.495	0	0	0	0	24.734	23.02	-1.71	-7.45
30	63.547	62.968	7.167	7.102	0	0	0	0	70.714	70.07	-0.64	-0.92
31	22.436	24.06	5.595	6	0	0	0	0	28.031	30.06	2.03	6.75
32	78.97	78.142	1.807	1.788	0	0	0	0	80.777	79.93	-0.85	-1.06
33	31.564	22.98	31.963	23.27	0	0	0	0	63.527	46.25	-17.28	-37.36
34	44.095	42.731	1.041	1.009	0	0	0	0	45.136	43.74	-1.40	-3.19
35	37.288	40.554	2.304	2.506	0	0	0	0	39.592	43.06	3.47	8.05
36	41.435	43.782	2.269	2.398	0	0	0	0	43.704	46.18	2.48	5.36
37	15.463	16.194	32.757	34.305	0.834	0.873	0.409	0.428	49.463	51.8	2.34	4.51
38	22.208	24.153	91.609	99.634	4.865	5.291	1.583	1.722	120.265	130.8	10.54	8.05
39	39.125	39.506	11.748	11.862	4.333	4.375	47.307	47.767	102.513	103.51	1.00	0.96
40	33.476	33.751	16.177	16.31	3.074	3.099	50.941	51.36	103.668	104.52	0.85	0.82
41	22.205	24.518	6.216	6.864	2.505	2.766	32.787	36.202	63.713	70.35	6.64	9.43

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
42	46.632	39.126	17.792	14.928	3.849	3.23	47.24	39.636	115.513	96.92	-18.59	-19.18
43	46.434	41.942	13.523	12.215	2.864	2.587	39.021	35.246	101.842	91.99	-9.85	-10.71
44	47.994	45.567	0	0	4.568	4.337	135.276	128.473	187.838	178.377	-9.46	-5.30
45	49.572	45.01	15.335	13.904	3.191	2.892	83.755	75.914	151.853	137.72	-14.13	-10.26

Comments:

The vessel used a hook scale (Figure 2, Figure 3) to confirm weights transhipped, which were used to complete transshipment declarations. Numbers of fish were not verified by the carrier vessel with such precision. Therefore, differences between observed and declared weights were due to differences between the number of pieces counted by the observer and the number of pieces recorded by LSTLVS.



Figure 2 Hook scale in operation



Figure 3 Hook scale display

A difference of greater than 10% between observed and declared figures was found for transshipments 28, 33, 43 and 45. In these cases, the number of fish transferred was increased from that originally intended and declared. Whilst the weight was adjusted in the transshipment declaration, the number of pieces was not.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 4

Table 4 Total weight of fish transhipped, by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
	Other fish Unclassified	All	0.83	0.03	0.78	0.03
Albacore	<i>Thunnus alalunga</i>	N	0.05	0.00	0.06	0.00
Albacore	<i>Thunnus alalunga</i>	S	565.89	18.17	546.66	17.74
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.71	0.02	0.72	0.02
Atlantic blue marlin	<i>Makaira nigricans</i>	S	2.05	0.07	2.20	0.07
Atlantic sailfish	<i>Istiophorus albicans</i>	All	1.43	0.05	1.36	0.04
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.23	0.01	0.22	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	1950.41	62.64	1941.09	62.99
Blue shark	<i>Prionace glauca</i>	All	25.83	0.83	24.52	0.80
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.20	0.01	0.19	0.01
Mako sharks	<i>Isurus spp</i>	All	2.97	0.10	2.82	0.09
Oilfish	<i>Ruvettus pretiosus</i>	All	8.35	0.27	7.93	0.26
Opah	<i>Lampris guttatus</i>	All	21.32	0.68	20.56	0.67
Pomfret	<i>Brama brama</i>	All	1.36	0.04	1.29	0.04
Swordfish	<i>Xiphias gladius</i>	All	5.29	0.17	5.04	0.16
Swordfish	<i>Xiphias gladius</i>	N	1.75	0.06	1.78	0.06
Swordfish	<i>Xiphias gladius</i>	S	50.06	1.61	49.42	1.60
Various sharks nei	Selachimorpha (Pleurotremata)	All	0.72	0.02	0.72	0.02
Yellowfin tuna	<i>Thunnus albacares</i>	All	484.78	15.57	484.29	15.72

Fish recorded by vessels as 'other fish unclassified' were considered by the observer to be Ocean Sunfish (*Mola mola*).

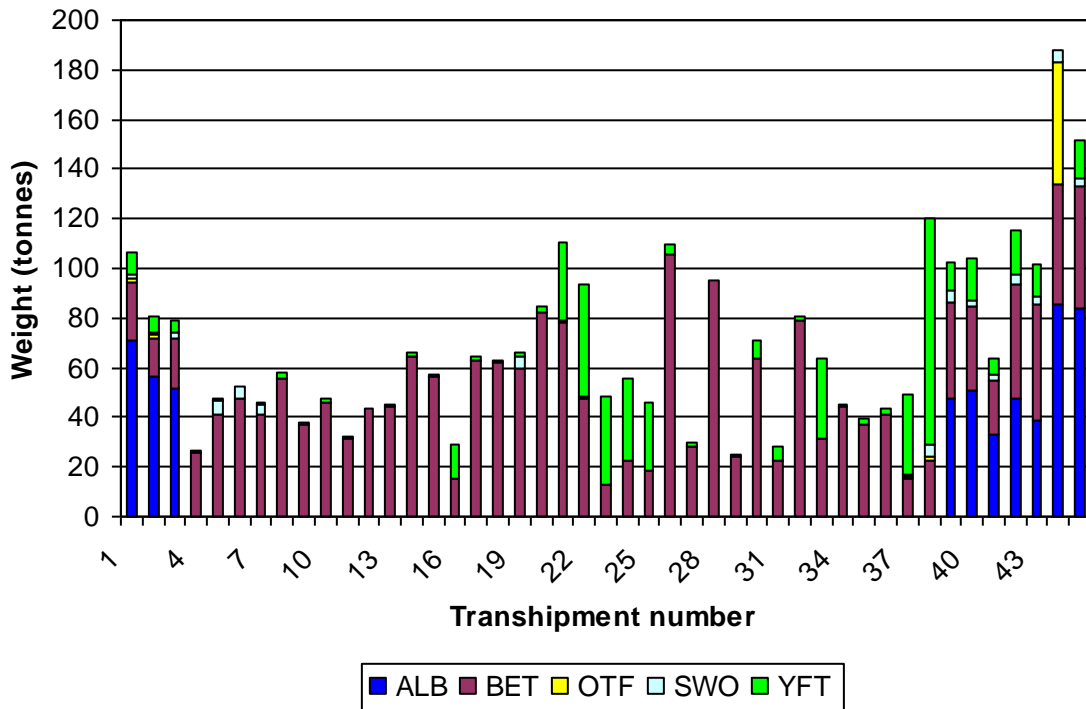


Figure 4 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	63.54
Albacore	<i>Thunnus alalunga</i>	14.08
Atlantic blue marlin	<i>Makaira nigricans</i>	131.38
Atlantic sailfish	<i>Istiophorus albicans</i>	22.36
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.31
Bigeye tuna	<i>Thunnus obesus</i>	52.09
Blue shark	<i>Prionace glauca</i>	25.47
Dolphinfish	<i>Coryphaena hippurus</i>	3.46
Mako sharks	<i>Isurus spp</i>	14.57
Oilfish	<i>Ruvettus pretiosus</i>	12.66
Opah	<i>Lampris guttatus</i>	7.30
Pomfret	<i>Brama brama</i>	5.56
Swordfish	<i>Xiphias gladius</i>	45.17
Various sharks nei	Selachimorpha (Pleurotremata)	20.00
Yellowfin tuna	<i>Thunnus albacares</i>	31.58

Comments:

Bigeye (*T. obesus*) and yellowfin tuna (*T. albacares*) were transhipped gilled and gutted. Albacore (*T. alalunga*) were transhipped as round weight. Other species were transhipped as dressed weight, or occasionally as fillets.

7 Southern bluefin tuna transshipments

No Southern Bluefin Tuna was transhipped during this deployment period.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	26/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	25/08/15
2			Yes	27/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	26/08/15
3			Yes	31/08/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	30/08/15
4			Yes	05/09/15	Yes	Yes	Yes	Yes	Yes	10/11/18	Yes	Y	Yes	Yes	Yes	PB	04/09/15
5			Yes	05/09/15	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Y	Yes	Yes	Yes	PB	04/09/15
6			Yes	06/09/15	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Y	Yes	Yes	Yes	PB	04/09/15
7			Yes	06/09/15	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	05/09/15
8			Yes	07/09/15	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Y	Yes	Yes	Yes	PB	06/09/15
9			Yes	09/09/15	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Y	Yes	Yes	Yes	PB	09/09/15
10			Yes	09/09/15	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Y	Yes	Yes	Yes	PB	08/09/15
11			Yes	10/09/15	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Y	Yes	Yes	Yes	PB	09/09/15
12			Yes	10/09/15	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	10/09/15
13			Yes	10/09/15	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Y	Yes	Yes	Yes	PB	09/09/15
14			Yes	11/09/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	10/09/15
15			Yes	11/09/15	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	11/09/15
16			Yes	11/09/15	Yes	Yes	Yes	Yes	Yes	11/11/18	Yes	Y	Yes	Yes	Yes	PB	07/09/15
17			Yes	12/09/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	11/09/15
18			Yes	12/09/15	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	11/09/15
19			Yes	13/09/15	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	12/09/15

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
20			Yes	13/09/15	Yes	Yes	Yes	Yes	Yes	05/11/16	Yes	Y	Yes	Yes	Yes	PB	12/09/15
21			Yes	15/09/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	14/09/15
22			Yes	16/09/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	15/09/15
23			Yes	16/09/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/09/15
24			Yes	17/09/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/09/15
25			Yes	17/09/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	16/09/15
26			Yes	19/09/15	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	17/09/15
27			Yes	20/09/15	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Y	Yes	Yes	Yes	PB	19/09/15
28			Yes	20/09/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	19/09/15
29			Yes	26/09/15	Yes	Yes	Yes	Yes	Yes	01/12/17	Yes	Y	Yes	Yes	Yes	PB	25/09/15
30			Yes	27/09/15	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Y	Yes	Yes	Yes	PB	26/09/15
31			Yes	28/09/15	Yes	Yes	Yes	Yes	Yes	09/12/15	Yes	Y	Yes	Yes	Yes	PB	26/09/15
32			Yes	29/09/15	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Y	Yes	Yes	Yes	PB	28/09/15
33			Yes	29/09/15	Yes	Yes	Yes	Yes	Yes	01/01/17	Yes	Y	Yes	Yes	Yes	PB	28/09/15
34			Yes	30/09/15	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Y	Yes	Yes	Yes	PB	29/09/15
35			Yes	01/10/15	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Y	Yes	Yes	Yes	PB	30/09/15
36			Yes	02/10/15	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Y	Yes	Yes	Yes	PB	19/09/15
37			Yes	08/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	07/10/15
38			Yes	08/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	07/10/15
39			Yes	10/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	10/10/15
40			Yes	11/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	10/10/15
41			Yes	12/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	11/10/15
42			Yes	13/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	13/10/15
43			Yes	14/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	14/10/15
44			Yes	15/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	14/10/15
45			Yes	16/10/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	15/10/15

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 7 Comments from inspections

No	Comments
1	<p>2680 box bait and 100 t oil transferred to this vessel.</p> <p>Logbook printed but bound into ring binder</p>
2	<p>After transhipment: BET 1.894 t, YFT 0.760 t, SWO 0.105 t, ALB 1.636 t, OPA 0.049 t. Also 5565 box bait, 100 t oil and some cargo transferred to this vessel.</p> <p>Logbook bound into a ring binder</p>
3	<p>Species after transhipment: BSH, OIL and BRA. Also 717 box bait, 100 t oil and some cargo transferred to this vessel.</p> <p>Logbook bound into ring binder</p>
4	<p>Also some cargo transferred to this vessel.</p>
7	<p>Callsign and name on bow were worn and difficult to read</p>
6	<p>Also some cargo transferred to this vessel.</p>
9	<p>Species after transhipment: BET and YFT. Also cargo transferred to this vessel.</p>
10	<p>3000 box bait transferred to this vessel.</p>
11	<p>Species after transhipment: SWO, BIL, OIL and BSH. Also 3000 box bait and some cargo transferred to this vessel.</p>
12	<p>Species after transhipment: SWO, BIL, OIL, BSH and OTF. Also 3500 box bait and some cargo transferred to this vessel.</p> <p>Name on bow was partially obscured and difficult to read</p>
13	<p>Species after transhipment: SWO, BIL and BSH. Also 3500 box bait and some cargo transferred to this vessel.</p>
14	<p>Species after transhipment: ALB, SWO, BIL, OIL, BSH, OIL. Mahi Mahi and OTF. Also cargo transferred to this vessel.</p>
15	<p>Also 4000 box bait and some cargo transferred to this vessel.</p> <p>Name on bow was obscured and difficult to read (Error! Reference source not found.)</p>

No	Comments
16	Also 2000 box baits and some cargo transferred to this vessel.
17	Species after transshipment: ALB, SWO, BIL and OTF. Also cargo transferred to this vessel.
18	<p>Species after transshipment: BET and YFT. Also 1000 box baits and some cargo transferred to this vessel.</p> <p>Name on bow was partially worn</p>
19	<p>Also 500 box baits and some cargo transferred to this vessel.</p> <p>Name on bow was partially obscured and difficult to read</p> <p>Figure 5 Partially obscured name on bow of</p>
20	Species after transshipment: ALB, BSH, BIL and OTF. Also 1500 box baits and some cargo transferred to this vessel.
21	<p>Species after transshipment: SFA, BRA, OIL, BSH, OPA and SSM. Also 3780 box baits and some cargo transferred to this vessel.</p> <p>Logbook bound into ring binder</p>
22	Species after transshipment: OIL, BSH, OPA, SSM and Dolphinfish. Also 3780 box baits and some cargo transferred to this vessel.
23	<p>Species after transshipment: BET: 13.168 t, YFT: 54.283 t, SWO: 0.48 t, MLS: 0.274 t, BLZ: 1.193 t, ALB: 0.058 t</p> <p>Logbook bound into ring binder</p>
24	<p>Species after transshipment: BET: 27.856 t, YFT: 34 t, SWO: 0.529 t, MLS: 0.358 t, BLZ: 0.853 t, ALB: 1.54 t. Also some cargo transferred to this vessel.</p> <p>Logbook bound into ring binder</p>
25	Species after transshipment: Total: 42.805 t. BET: 52.93 t, YFT: 14.131 t, SWO: 2.245 t, BLZ: 0.148 t, ALB: 0.365 t and OTF: 0.764 t (BSH, Shortfin Mako shark, <i>Lepidocybium flavobrunneum</i>). Also some cargo transferred to this vessel.
26	Species after transshipment: BET, BSH, ALB:5 t and OTF. Also 5998 box baits and some cargo transferred to this vessel.
27	Species after transshipment: BSH: 2.651 T, ALB:4.55 t and OTF: 3.476 t. Also 1000 box baits received and some cargo transferred to this vessel.
28	Species after transshipment: BET, BLZ, SFA, BSH, SWO and YFT. Also 1000 box baits and some cargo transferred to this vessel.
29	Species after transshipment: SWO: 2.7 t, ALB: 0.28 t, BLZ: 0.048 t, OIL: 0.78 t and OTF: 0.435 t. Also 3000 box baits and some cargo transferred to this vessel.
30	Species after transshipment: BET: 3.947 t and YFT: 0.053 t.

No	Comments
31	<p>Species after transshipment: BET: 65.08 t.</p> <p>PB logbook but without any distinctive numbers on pages</p>
32	<p>Species after transshipment: BET: 1.258 t. Also 3000 box baits and some cargo transferred to this vessel.</p>
33	<p>Species after transshipment: BET: 2 t and YFT: 10 t. Also 3000 box baits transferred to this vessel.</p>
34	<p>Species after transshipment: BET: 24 t and YFT: 1.369 t. Also 3007 box baits and some cargo transferred to this vessel.</p> <p>The ICCAT number of xxx on the Authorisation to Tranship shown during inspection was found to be incorrect. However, the observer was also shown the Authorisation to Tranship from a previous transshipment which indicated the correct ICCAT number (. The CPC subsequently sent a corrected ATT directly to MRAG</p>
35	<p>Species after transshipment: SWO: 12.377 t, SMA: 0.133 t, BLZ: 1.31 t, Atlantic White Marlin: 0.422 t, BIL: 0.104 t and BSH:3.118 t. Also 2500 box baits and some cargo transferred to this vessel.</p>
36	<p>Species after transshipment: BET:2.274 t, SWO: 8.105 t, ALB: 0.326 t, BUM: 1.452 t, SFA: 0.202 t, BIL: 0.766 t, MLS: 0.498 t, LEC: 0.19 t, WAH: 0.217 t, DOL: 0.027 t, SMA:0.239 t, BSH: 1.078 t and Shark Fin: 0.053 t. Also 4062 box baits and some cargo transferred to this vessel.</p>
37	<p>Species after transshipment: BSH: 2.074 t, MAK: 0.216 t, BRA: 0.160 t, OIL: 0.472 t, OPA: 0.417 t, DOL: 0.105 t and Sunfish: 2.839 t. Also 90 t oil and some cargo transferred to this vessel.</p>
38	<p>Species after transshipment: DOL: 0.082 t, OPA: 0.317 t, OIL: 0.288 t, BRA: 1.231 t, SFA: 0.160 t and OTF: 1.716 t. Also 80 t oil and some cargo transferred to this vessel.</p> <p>Logbook bound into ring binder</p>
39	<p>Species after transshipment: SSM: 0.090 t, OPA: 1.83 t, OIL: 1.87 t, BRA: 0.928 t, SKJ: 0.218 t, MAK: 0.816 t, BSH: 11.031 t and Sunfish: 0.177 t. Also 100 t oil transferred to this vessel.</p>

No	Comments
	Logbook bound into ring binder
40	Species after transshipment: BSH: 25.878 t, Blacktip Shark: 1.197 t, OPA: 1.181 t, BRA: 0.801 t, 2.305 t, Sunfish: 0.826 t, Dolphin Fish: 0.042 t, SSM: 0.346 t and SKJ: 0.045 t. Also 80 t oil transferred to this vessel.
41	Species after transshipment: Big scale mackerel: 0.32 t, BSH: 15.534 t, OIL: 2.548 t, BRA: 0.926 t, DOL: 0.126 t, MAK: 0.421 t, SSM: 0.061 t, Sunfish: 0.827 t and OPA: 2.74 t. Logbook bound into ring binder)
42	Species after transshipment: OPA: 0.798 t, SSM: 0.096 t, DOL: 0.012 t, SKJ: 0.135 t, MAK: 0.338 t, BSH: 10.448 t, Sunfish: 0.214 t, OIL: 1.314 t and BRA: 0.771 t. Also 80 t oil transferred to this vessel.
43	Species after transshipment: OPA: 0.942 t, DOL: 0.029 t, Sunfish: 0.485 t, MAK: 0.33 t, BSH: 9.405 t, BRA: 0.168 t, OIL: 1.817 t and SSM: 0.015 t. Also 60 t oil transferred to this vessel. Logbook bound only by string
44	Species after transshipment: BET: 1.785 t, YFT: 18.777 t, ALB: 3.2 t, SSM: 0.017 t, SWO: 0.104 t, OIL: 0.038 t, OPA: 0.011 t, BSH: 0.82 t, MAK: 0.02 t and OTF: 4.367 t. Logbook bound into ring binder
45	Also 100 t oil transferred to this vessel. Logbook had plastic bindings

The observer made 2 Potential Non Compliance (PNC) reports summarised below in Table.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
31			17331	LNN	-	-
34			17334	OTH	-	-

The ICCAT number of xxx on the Authorisation to Tranship shown during inspection was found to be incorrect. However, the observer was also shown the Authorisation to Tranship from a previous transshipment which indicated the correct ICCAT number The Fisheries Agency replied to the PNC with the following explanation:

Thank you for your e-mail dated on Oct. 3, 2015, regarding the authorization letter of our fishing vessel Ray Home, we had confirmed the authorization letter on transshipment at sea was indeed issued by Fisheries Agency, but the ICCAT number on said authorization letter should be corrected. The previous number was believed to be a typo error.

In addition to such correction on the ICCAT number, Fisheries Agency has reissued the authorization letter to xxx with the correct ICCAT number.

8.1 Verifying vessel name / RFMO number and National Registration Number.

Vessel markings were obscured or worn away, and therefore difficult to read, during the following transshipments

Transshipment 7
 Transshipment 12 Transshipment 15
 Transshipment 18 Transshipment 19

8.2 Issues with Fishing Licence, logbooks or VMS

Logbooks shown during inspections were found to be bound into ring binders or with string during the following transshipments:

Transshipment 1
 Transshipment 2
 Transshipment 3
 Transshipment 21
 Transshipment 23
 Transshipment 24
 Transshipment 37
 Transshipment 38
 Transshipment 39
 Transshipment 41
 Transshipment 43
 Transshipment 44

Transshipment 45

During transshipment 31 the logbook shown to the observer was bound but lacked clear page numbering (**Error! Reference source not found.**).

9 Other Observer Tasks.

9.1 CV waste disposal

Organic food waste was comminuted and discarded overboard. Other waste was separated into categories (e.g. paper and cardboard, plastic) and retained for onshore disposal.

9.2 Unidentified or IUU vessels

No IUU vessels were seen.

9.3 Marine mammals.

No marine mammals were seen.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
√	

Table 9 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/08/2015	21 59 S	04 58 E	Cargo transfer.	Y
		23/08/2015	21 57 S	04 57 E	1000 box bait transfer.	Y
		23/08/2015	22 55 S	04 59 E	4000 box bait transfer.	Y
		24/08/2015	22 01 S	04 16 E	1000 box bait transfer.	Y
		24/08/2015	21 57 S	04 16 E	70 t oil and cargo transfer.	Y
		24/08/2015	21 55 S	04 16 E	110 t oil and cargo transfer.	Y
		24/08/2015	21 52 S	04 15 E	60 t oil and cargo transfer.	Y
		25/08/2015	22 09 S	03 05 E	100 t oil and cargo transfer.	Y
		25/08/2015	22 19 S	03 04 E	100 t oil and cargo transfer.	Y
		26/08/2015	23 35 S	04 48 E	4300 box bait and cargo transfer.	Y
		27/08/2015	22 59 S	03 00 E	70 t oil transfer.	Y
		28/08/2015	21 24 S	02 15 E	120 t oil transfer.	Y
		28/08/2015	21 23 S	02 10 E	120 t oil transfer.	Y
		29/08/2015	20 25 S	01 26 E	160 t oil transfer.	Y
		29/08/2015	20 20 S	01 21 E	1921 box bait and cargo transfer.	Y
		30/08/2015	19 53 S	00 27 E	921 box bait and cargo transfer.	Y
		30/08/2015	19 53 S	00 28 E	2100 box bait and cargo transfer.	Y
		03/09/2015	08 27 S	09 32 E	4771 box bait, 40 t oil and cargo transfer.	Y
		03/09/2015	08 25 S	09 33 E	2252 box bait transfer.	Y
		08/10/2015	08 31 S	09 33 E	80 t oil and cargo transfer.	Y
		09/10/2015	11 14 S	09 50 E	100 t oil transfer.	Y
		09/10/2015	11 13 S	09 51 E	100 t oil transfer.	Y
		10/10/2015	13 10 S	03 40 E	150 t oil transfer.	Y
		11/10/2015	13 07 S	01 38 E	100 t oil transfer.	Y
		15/10/2015	13 39 S	02 14 E	70 t oil transfer.	Y

ICCAT

Observer Report



Trip Number:	174
Vessel Name:	IBUKI
ICCAT Ref. No.	AT000PAN00163
Observer Name:	MAURICE O MALLEY
Cruise Dates:	From: 31/10/2015 To: 31/12/2015

1 Cruise Summary

In accordance with the bilateral agreement between MRS CORPORATION and MRAG, Maurice O Malley (no.128) joined the Panamanian registered Carrier Vessel (CV) IBUKI AT000PAN00163 as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 31/10/2015 to 31/12/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	IBUKI	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	MRS Corporation	Charterer:	Star Navigation S.A
Vessel type:	Refrigerated cargo vessel	Hold capacity:	2930 t
Size (GRT):	6,558 t	Length (LOA):	134.15m
On-board acoustic equipment:	No information		
Position fixing equipment:	FURUNO GPS NAVIGATOR GP-150		
Vessel monitoring system (present/absent):	Present		
Radar:	FURUNO RADA MO-190		
Communications equipment:	INMARSAT / email / fax		
Plotters:	Paper Charts		
Tuna products already on board (Quantity)	394.374 t (from previous IOTC transshipment)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Singapore
Date of embarkation	31/10/2015
Method of embarkation*	Transfer vessel in port
Date of departure	31/10/2015
Date of first transshipment	12/11/2015
Date of last transshipment	22/12/2015
Date of return	31/12/2015
Date of disembarkation	31/12/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Cristobal, Panama

*(portside, transfer vessel in port, transfer vessel offshore)

The observer remained on the vessel from a previous IOTC deployment.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 47 transhipments at sea. The locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1. Five exclusively non-ROP transhipments were also performed (Table 9).

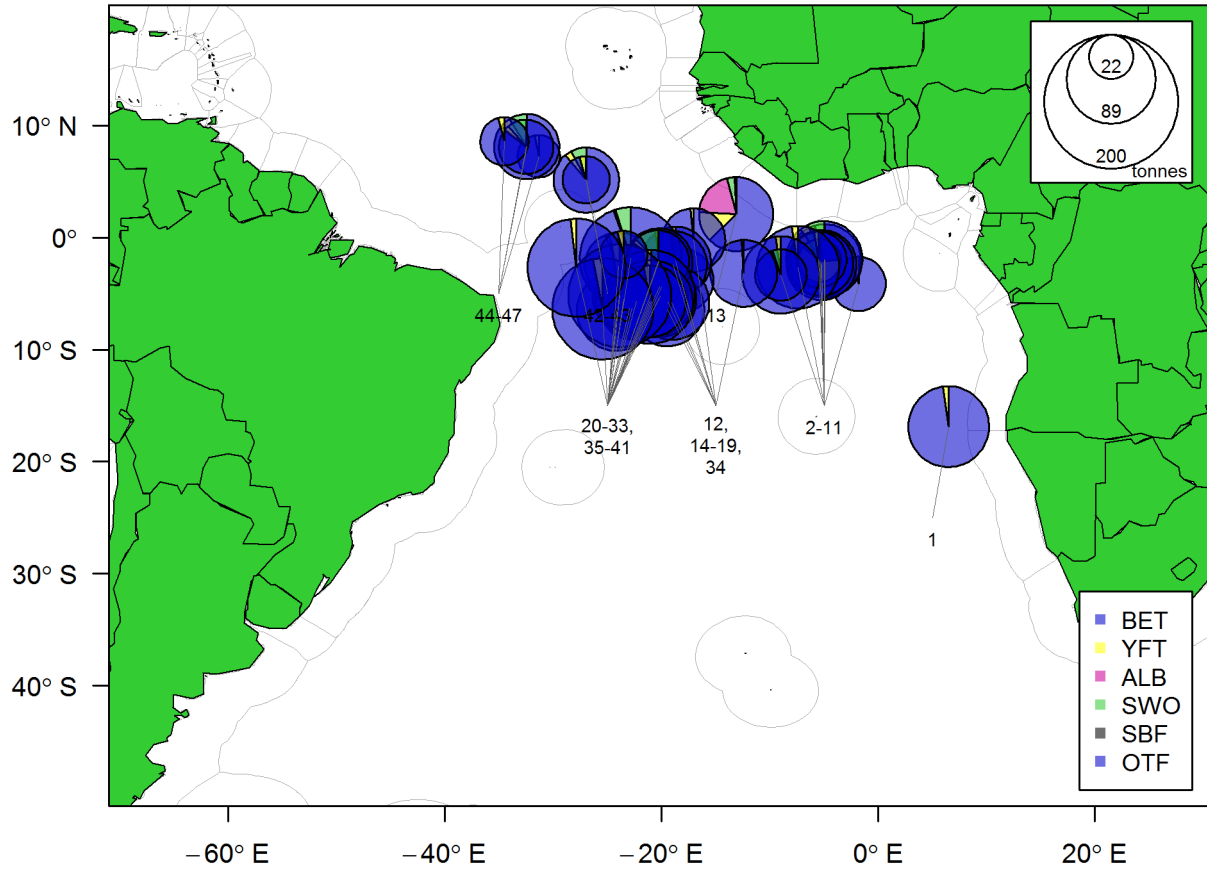


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	16
	26
	3
	2

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	12/11/2015	16°52.007 S	006°29.032 E	04:13	100
2				Yes	15/11/2015	04°07.495 S	001°49.111 W	02:32	100
3				Yes	16/11/2015	02°02.388 S	004°55.502 W	02:33	100
4				Yes	16/11/2015	01°56.384 S	004°59.105 W	00:50	100
5				Yes	17/11/2015	02°26.755 S	005°14.11 W	03:38	100
6				Yes	17/11/2015	02°18.842 S	005°18.195 W	02:29	100
7				Yes	18/11/2015	02°03.706 S	005°25.559 W	01:51	100
8				Yes	18/11/2015	01°57.669 S	005°30.172 W	02:09	100
9				Yes	19/11/2015	02°38.568 S	007°24.538 W	04:42	100
10				Yes	20/11/2015	03°19.914 S	008°58.988 W	03:53	100
11				Yes	21/11/2015	03°19.914 S	008°58.988 W	02:24	100
12				Yes	21/11/2015	03°11.599 S	012°25.286 W	03:06	100
13				Yes	23/11/2015	02°05.178 N	013°06.918 W	01:27	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
14				Yes	24/11/2015	00.2°01.08 4 S	017°02.795 W	01:53	100
15				Yes	25/11/2015	02°09.158 S	018°41.535 W	04:22	100
16				Yes	25/11/2015	02°26.87 S	018°56.318 W	04:00	100
17				Yes	26/11/2015	03°49.509 S	018°08.997 W	01:21	100
18				Yes	27/11/2015	05°48.048 S	019°01.902 W	02:28	100
19				Yes	27/11/2015	05°45.861 S	019°23.483 W	02:51	100
20				Yes	28/11/2015	05°30.329 S	020°16.77 W	02:42	100
21				Yes	29/11/2015	05°39.79 S	022°20.498 W	02:47	100
22				Yes	30/11/2015	06°18.395 S	022°42.579 W	03:29	100
23				Yes	30/11/2015	06°17.269 S	022°57.625 W	03:31	100
24				Yes	01/12/2015	06°33.19 S	024°08.563 W	03:53	100
25				Yes	02/12/2015	05°32.357 S	023°31.171 W	01:04	100
26				Yes	03/12/2015	05°40.612 S	023°31.325 W	03:53	100
27				Yes	04/12/2015	02°31.879 S	023°58.225 W	02:43	100
28				Yes	05/12/2015	01°50.47 S	022°50.998 W	03:50	100
29				Yes	06/12/2015	02°09.731 S	020°13.713 W	04:07	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
30				Yes	06/12/2015	02°06.702 S	020°18.936 W	02:35	100
31				Yes	07/12/2015	04°25.754 S	020°01.679 W	02:35	100
32				Yes	07/12/2015	04°21.997 S	020°10.32 W	03:38	100
33				Yes	08/12/2015	05°13.647 S	020°07.807 W	05:38	100
34				Yes	09/12/2015	06°25.138 S	019°27.258 W	03:18	100
35				Yes	10/12/2015	04°59.476 S	020°56.126 W	02:20	100
36				Yes	11/12/2015	05°44.332 S	020°58.255 W	00:52	100
37				Yes	11/12/2015	05°40.938 S	021°04.67 W	00:51	100
38				Yes	12/12/2015	05°10.904 S	023°50.972 W	03:15	100
39				Yes	13/12/2015	06°21.631 S	025°25.091 W	03:28	100
40				Yes	14/12/2015	01°31.013 S	023°29.51 W	04:42	100
41				Yes	16/12/2015	02°41.052 S	027°51.044 W	05:03	100
42				Yes	18/12/2015	05°07.789 N	026°56.414 W	04:20	100
43				Yes	18/12/2015	05°09.399 N	026°57.365 W	08:18	100
44				Yes	20/12/2015	07°15.565 N	031°19.805 W	07:50	100
45				Yes	21/12/2015	08°06.965 N	032°26.663 W	01:30	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
46				Yes	21/12/2015	08°05.627 N	032°29.598 W	06:15	100
47				Yes	22/12/2015	08°35.106 N	034°29.711 W	04:45	100

Comments:

All vessels were boarded for inspection.

Table 3 Summary of vessel / observer estimated figures

No.	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	43.083	49.934	10.04	10.34	2.555	2.563	14.308	16.586	69.988	79.423	9.43	11.88
2	52.046	54.595	3.42	2.12	4.4	4.65	0	0	59.866	61.365	1.5	2.44
3	30.674	30.674	1.503	1.5036	0	0	0	0	32.177	32.177	0	0.00
4	25.573	25.075	1.513	0.79	0	0	0	0	27.086	25.845	-1.22	-4.72
5	50.631	52.464	4.561	3.368	5.742	5.479	0	0	60.934	61.311	0.38	0.61
6	34.722	36.479	2.232	1.396	4.636	4.784	0	0	41.59	42.659	1.07	2.51
7	33.003	32	2.32	1.451	0	0	0	0	35.323	33.451	-1.87	-5.60
8	39.824	40.358	2.485	2.199	0	0	0	0	42.309	42.557	0.25	0.58
9	68.757	70.777	2.415	1.26	3.488	3.492	0	0	74.66	75.529	0.87	1.15
10	74.088	75	3.168	3	5.916	6	0	0	83.172	84	0.83	0.99
11	72.423	70.393	0	0	0	0	0	0	72.423	70.393	-2.03	-2.88
12	55.38	53.332	2.665	2.268	5.07	4.807	0	0	63.115	60.407	-2.71	-4.48
13	6.409	6.5	15.808	16.18	3.51	3.563	0	0	25.727	26.243	0.52	1.97
14	45.087	44.028	1.12	1.119	0	0	0	0	46.207	45.147	-1.06	-2.35
15	89.822	95.131	3.143	2.399	0	0	0	0	92.965	97.53	4.56	4.68
16	81.618	84.374	2.194	1.871	0	0	0	0	83.812	86.245	2.43	2.82
17	36.148	35.835	0.26	0.26	2.1	2.1	0	0	38.508	38.195	-0.31	-0.82
18	63.393	63.821	0.723	0.571	0	0	0	0	64.116	64.392	0.28	0.43
19	50.374	49.41	0.27	0.677	8.631	0.12611	0	0	59.275	58.375	-0.900	-1.54

No.	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
20	54.578	57.012	1.097	1.006	0	0	0	0	55.675	58.018	2.34	4.04
21	70.027	69.313	1.389	1.389	0	0	0	0	71.416	70.702	-0.71	-1.01
22	65.221	65.795	0.946	0.816	0	0	0	0	66.167	66.611	0.44	0.67
23	75.694	75.572	2.749	2.497	0	0	0	0	78.443	78.069	-0.37	-0.48
24	78.3	77.602	1.979	1.98	0	0	0	0	80.279	79.582	-0.7	-0.88
25	24.64	18.648	0.912	0.738	0	0	0	0	25.552	19.386	-6.17	-31.81
26	76.949	78.974	4.202	3.478	0	0	0	0	81.151	82.452	1.3	1.58
27	52.896	53.636	3.464	3.117	0	0	0	0	56.36	56.753	0.39	0.69
28	38.456	43.313	1.039	0.886	0	0	0	0	39.495	44.199	4.7	10.64
29	85.904	88.086	2.408	2.73	0	0	0	0	88.312	90.816	2.5	2.76
30	49.342	49	1.401	1.45	2.144	2.45	0	0	52.887	52.9	0.01	0.02
31	40.885	41	1.6	1.5	2.27	2.27	0	0	44.755	44.77	0.02	0.03
32	60.536	61.024	1.299	1.113	3.312	3.2	0	0	65.147	65.337	0.19	0.29
33	141.446	141.292	1.19	1.016	6.327	7.34	0	0	148.963	149.648	0.69	0.46
34	63.385	63.385	1.295	1.295	0	0	0	0	64.68	64.68	0	0.00
35	46.86	47.229	1.285	1.019	7.426	7.2	0	0	55.571	55.448	-0.12	-0.22
36	19.69	19.765	0.0625	0.481	0	0	0	0	19.752	20.246	0.49	2.44
37	21.68	21.61	0.39	0.345	0	0	0	0	22.07	21.955	-0.12	-0.52
38	44.38	44.3	0.595	0.476	0	0	0	0	44.975	44.776	-0.2	-0.44
39	64.682	65	3.064	2.85	2	2	0	0	69.746	69.85	0.1	0.15
40	104.662	105.365	2.956	3.402	0	0	0	0	107.618	108.767	1.15	1.06
41	97.968	99.378	2.009	1.63	0	0	0	0	99.977	101.008	1.03	1.02
42	70.144	72.516	2.358	2.148	0	0	0	0	72.502	74.664	2.16	2.90
43	145.413	149.491	4.69	3.882	0	0	0	0	150.103	153.373	3.27	2.13
44	132.342	142.943	5.32	4.648	0	0	0	0	137.662	147.591	9.93	6.73
45	28.517	30.953	1.403	1.403	0	0	0	0	29.92	32.356	2.44	7.53
46	129.81	136.047	3.436	2.794	0	0	0	0	133.246	138.841	5.6	4.03
47	85.858	91.915	2.739	2.2	0	0	0	0	88.597	94.115	5.52	5.86

Comments:

During three transhipments, the differences between observed and declared weights were greater than 10%.

Transhipment 1: The observer believes the difference between the observed and declared weights was due to the LSPLV transshipping a greater number of pieces than were declared, and that the *T. obesus* observed appeared to be larger than was reflected by the average weight. The CV captain also noted that the transhipment occupied more space in the hold than expected.

Transhipment 25: The observer believes the difference between the observed and declared weights was due to a greater number of fish being transferred than were declared. The CV captain also noted that the transhipment occupied more space in the hold than expected.

Transhipment 28: The observer believes the difference between the observed and declared weights was due to a greater number of fish being transferred than were declared.

6 Species and weight transferred

The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	13.8	0.44	16.02	0.51
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.57	0.02	0.57	0.02
Bigeye tuna	<i>Thunnus obesus</i>	All	2925.1	93.57	2980.34	94.19
Swordfish	<i>Xiphias gladius</i>	All	23.16	0.74	4.78	0.15
Swordfish	<i>Xiphias gladius</i>	N	0	0.00	2.66	0.08
Swordfish	<i>Xiphias gladius</i>	S	46.38	1.48	54.58	1.72
Yellowfin tuna	<i>Thunnus albacares</i>	All	117.16	3.75	105.06	3.32

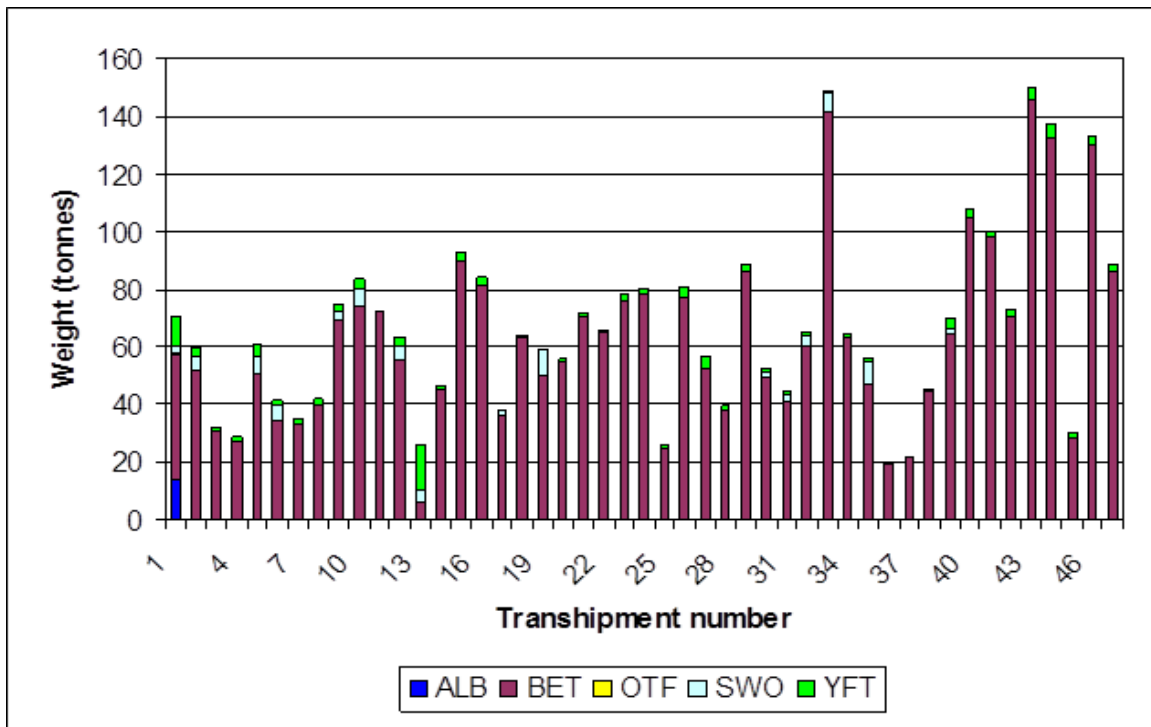


Figure 2 Proportions, by weight, of fish species transferred, by transshipment

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	12
Atlantic blue marlin	<i>Makaira nigricans</i>	141.25
Bigeye tuna	<i>Thunnus obesus</i>	56.35
Swordfish	<i>Xiphias gladius</i>	63.51
Yellowfin tuna	<i>Thunnus albacares</i>	38.34

Comments:

T. obesus and *T. albacares* were transhipped gilled and gutted, *T. alalunga* were transhipped whole, and *X. gladius* and *M. nigricans* were transhipped dressed.

Weight estimates were derived from the average weights calculated from the numbers and weights provided by the LSPLV.

7 Southern bluefin tuna transhipments

No southern bluefin tuna were transhipped during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels:

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	12/11/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	11/11/2015
2			Yes	15/11/15	Yes	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Y	Yes	Yes	Yes	PB	16/11/2015
3			Yes	16/11/15	Yes	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	15/11/2015
4			Yes	16/11/15	Yes	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Y	Yes	Yes	Yes	PB	16/11/2015
5			Yes	17/11/15	Yes	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	16/11/2015
6			Yes	17/11/15	Yes	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Y	Yes	Yes	Yes	PB	17/11/2015
7			Yes	18/11/15	Yes	Yes	Yes	Yes	Yes	Yes	11/10/18	Yes	Y	Yes	Yes	Yes	PB	18/11/2015
8			Yes	18/11/15	Yes	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Y	Yes	Yes	Yes	PB	17/11/2015
9			Yes	19/11/15	Yes	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Y	Yes	Yes	Yes	PB	18/11/2015
10			Yes	20/11/15	Yes	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Y	Yes	Yes	Yes	PB	19/11/2015
11			Yes	21/11/15	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	JU	21/11/2015
12			Yes	21/11/15	Yes	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Y	Yes	No	Yes	PB	21/11/2015
13			Yes	23/11/15	Yes	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	23/11/2015
14			Yes	24/11/15	Yes	No	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	20/11/2015
15			Yes	25/11/15	Yes	Yes	No	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	24/11/2015
16			Yes	25/11/15	Yes	Yes	Yes	Yes	Yes	Yes	31/05/17	Yes	Y	Yes	Yes	Yes	PB	24/11/2015
17			Yes	26/11/15	Yes	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	Y	Yes	Yes	Yes	PB	26/11/2015
18			Yes	27/11/15	Yes	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Y	Yes	Yes	Yes	PB	26/11/2015
19			Yes	27/11/15	Yes	Yes	No	Yes	Yes	Yes	21/01/17	Yes	Y	Yes	Yes	Yes	PB	27/11/2015
20			Yes	28/11/15	Yes	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Y	Yes	Yes	Yes	PB	27/11/2015
21			Yes	29/11/15	Yes	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	28/11/2015
22			Yes	30/11/15	Yes	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	28/11/2015

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
23			Yes	30/11/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	29/11/2015
24			Yes	01/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	30/11/2015
25			Yes	02/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	01/02/2015
26			Yes	03/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/12/2015
27			Yes	04/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/12/2015
28			Yes	05/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/12/2015
29			Yes	06/12/15	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Y	Yes	Yes	Yes	PB	06/12/2015
30			Yes	06/12/15	Yes	Yes	Yes	Yes	Yes	11/11/18	Yes	Y	Yes	Yes	Yes	PB	06/12/2015
31			Yes	07/12/15	Yes	Yes	Yes	Yes	Yes	01/03/17	Yes	Y	Yes	Yes	Yes	PB	05/12/2015
32			Yes	07/12/15	Yes	Yes	Yes	Yes	Yes	22/10/18	Yes	Y	Yes	Yes	Yes	PB	06/12/2015
33			Yes	08/12/15	Yes	Yes	Yes	Yes	Yes	18/08/19	Yes	Y	Yes	Yes	Yes	PB	06/12/2015
34			Yes	09/12/15	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Y	Yes	Yes	Yes	PU	09/12/2015
35			Yes	10/12/15	Yes	Yes	Yes	Yes	Yes	01/11/19	Yes	Y	Yes	Yes	Yes	PB	09/12/2015
36			Yes	11/12/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	10/12/2015
37			Yes	11/12/15	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	10/12/2015
38			Yes	12/12/15	Yes	Yes	No	Yes	No	09/12/15	Yes	Y	Yes	Yes	Yes	PU	11/12/2015
39			Yes	13/12/15	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Y	Yes	Yes	Yes	PB	11/12/2015
40			Yes	14/12/15	No	Yes	Yes	Yes	Yes	01/11/16	Yes	Y	Yes	Yes	Yes	PB	14/12/2015
41			Yes	16/12/15	Yes	Yes	No	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	15/12/2015
42			Yes	18/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	15/12/2015
43			Yes	18/12/15	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	15/12/2015
44			Yes	30/12/15	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	19/12/2015
45			Yes	21/12/15	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	19/12/2015
46			Yes	21/12/15	Yes	Yes	Yes	Yes	Yes	31/03/17	Yes	Y	Yes	Yes	Yes	PB	20/12/2015
47			Yes	22/12/15	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/2015

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 7 **Comments from inspections**

No	Comments
1	Logbook was bound only by a plastic binder Signature and stamp on ATF did not match those provided by CPC 20 t remained onboard following transshipment.
3	The name on the bow and the callsign markings were worn and difficult to read.
11	Logbook was unbound and unprinted, and lacked clear and consecutive page numbering)
13	Name on bow was worn and difficult to read
14	The vessel did not display a callsign, although a wooden board showing the first half of the callsign (JF) was seen discarded on the upper deck The logbook was printed but bound only by staples. The last entry was 20/11/2015. The captain explained that the vessel had experienced engine trouble and had therefore not fished from then up to the date of inspection.
15	The Authorisation to Tranship incorrectly indicated the name of the vessel
19	The name on the bow was obscured by algae and very difficult to read
21	0 tons were declared by LSPLV captain as remaining onboard after transshipment. However, the observer saw one shark which was brought onto deck accidentally, then immediately returned to the hold.

No	Comments
22	Observer unsure of VMS, although the antennae for a Thrane & Thrane Sailor VMS was seen on top of the bridge.
26	At least 1 SWO was transhipped by accident from LSPLV. Later, upon the CV captain discovering this, he had the SWO returned to the SWO and searched for any others. During inspection of the LSPLV, the LSPLV captain told the observer that all on board was to be transhipped.
34	Logbooks were of a kind that was originally printed and bound. However, at time of inspection the logbook pages were stapled together in groups of several pages each
38	Logbook was printed and unbound. The certificate of registry indicated the registry number 400957, which agreed with that shown on the fishing licence, but the extension of registry instead indicated the registry number to be 400959.
39	<p>The VMS unit appeared to be fitted with an on/off switch (Figure 3).</p> <p style="text-align: center;">Figure 3 On/off switch fitted to VMS unit onboard XXX</p>
40	The name markings on the bow and stern were not the same
42	<p>The ATT referred to the vessel as XXX 6 instead of XXX. The ICCAT number indicated on the ATT for XXX was different from that of the vessel's.</p> <p>The VMS unit was contained within a casing which concealed the unit itself, although the casing was labelled as a Thrane & Thrane TT3026</p>
43	<p>The name on the bow was worn and difficult to read</p> <p>The ATT referred to the vessel with a different name.</p>
45	incorrectly named on the ATT
46	incorrectly named on the ATT
47	incorrectly named on the ATT

The observer made 19 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No			PNC Ref.	PNC 1	PNC 2	PNC 3	PNC4
1			1	LNB			
3			2	IIM			
7			3	DNS			
11			5	LNB	LNN		
12			6	VNL			
13			19	IIM			
14			7	LNB	LEI	IIM	LND
15			8	DNS			
19			9	IIM			
34			10	LNB	LEI		
38			11	LNB	VNL	VNP	
40			12	VNP	VNL	IIM	
41			13	OTH			
42			14	VNL	DNS		
43			15	IIM	DNS		
45			16	DNS			
46			17	DNS			
47			18	DNS			

PNC 4 was determined to be not applicable, and was therefore not sent. PNC 12 was sent but subsequently determined to be not applicable, and has not been highlighted elsewhere in this report. One PNC for transshipment 1 (The authorising signature and stamp on the ATF shown to the observer during transshipment with SANEI MARU NO.8 did not match those provided by the CPC) was determined to not count as a PNC.

8.1 Verifying vessel name / RFMO number and National Registration Number.

Issues were found with vessel markings as follows:

Transshipment 3 : name and callsign

Transshipment 13: name

Transshipment 14 : callsign

Transshipment 19 : name

Transshipment 40: name

Transshipment 43: name Issues with Fishing Licence, logbooks or VMS

During transshipment 38, the registration number on the extension to registry was not in agreement with that shown on the ATF

Issues were found with logbooks as follows:

Transshipment 1
Transshipment 11
Transshipment 14.
Transshipment 34
Transshipment 38

During transshipment 39, the VMS unit shown to the observer appeared to have an on/off switch attached. During transshipment 42, the VMS unit shown to the observer was concealed inside a casing, making it impossible for the observer to verify the make and model **Error! Reference source not found.**)

Vessel names were recorded incorrectly on the ATTs for the following transshipments:

Transshipment 15.
Transshipment 42.
Transshipment 43 .
Transshipment 45.
Transshipment 46
Transshipment 47

9 Other Observer Tasks.

9.1 CV waste disposal

Waste was separated into biodegradables and non-biodegradables. Non-biodegradables were stored on deck in black plastic bags.

9.2 Unidentified or IUU vessels

No IUU vessels were seen during the deployment.

9.3 Marine mammals.

No marine mammals were sighted during the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 9 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		16/11/2015	01° 57.022'S	04° 59.089'W	Bait & supplies	Y
		10/12/2015	04° 57.586'S	21° 00.563'W	Bait & supplies	Y
		16/12/2015	02° 41.412'S	27° 50.428'W	Bait & supplies	Y
		20/12/2015	07° 16.578'N	31° 18.148'W	Bait & supplies	Y
		22/12/2015	08° 38.791'N	34° 25.789'W	Bait & supplies	Y

ICCAT

Observer Report



Trip Number:	175-15
Vessel Name:	Futagami
ICCAT Ref. No.	AT000VUT00027
Observer Name:	J. Newton
Cruise Dates:	From: 26/10/2015 to 21/15/2015

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Monitoring Fisheries, Jonathan Newton (ROP No.029) joined the Vanuatu registered Carrier Vessel (CV) Futagami (AT000VUT00027) in the port of Cape Town as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 26/10/2015 to 20/11/2015.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	VJQJ8
Port of registration:	Port Vila	Flag State:	Vanuatu
Owner:	Navisa MaritimeS.A	Charterer:	Toei Marine Reefer
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4029 cubic meters
Size (GRT):	2581t	Length (LOA):	88.94m
On-board acoustic equipment:		XXXX	
Position fixing equipment:		Furuno GP-150,JRC 7700,Aritsu RN406A	
Vessel monitoring system (present/absent):		Present	
Radar:		Furuno MU-190, MU-201R	
Communications equipment:		VHF Aritsu RU224A, RU218A,JRC JST-245Transciever	
Plotters:		Furuno GCDIS	
Tuna products already on board (Quantity)		196t	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	26/102015
Method of embarkation*	Portside
Date of departure	26/10/2015
Date of first transshipment	01/11/2015
Date of last transshipment	15/11/2015
Date of return	20/11/2015
Date of disembarkation	21/11/2015
Method of disembarkation*	Transfer vessel in port
Port of return	Sao Vicente, Cape Verde

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 12 transshipments at sea, receiving a total of 743.464 tons of tuna and tuna like species. The locations are shown in detail in

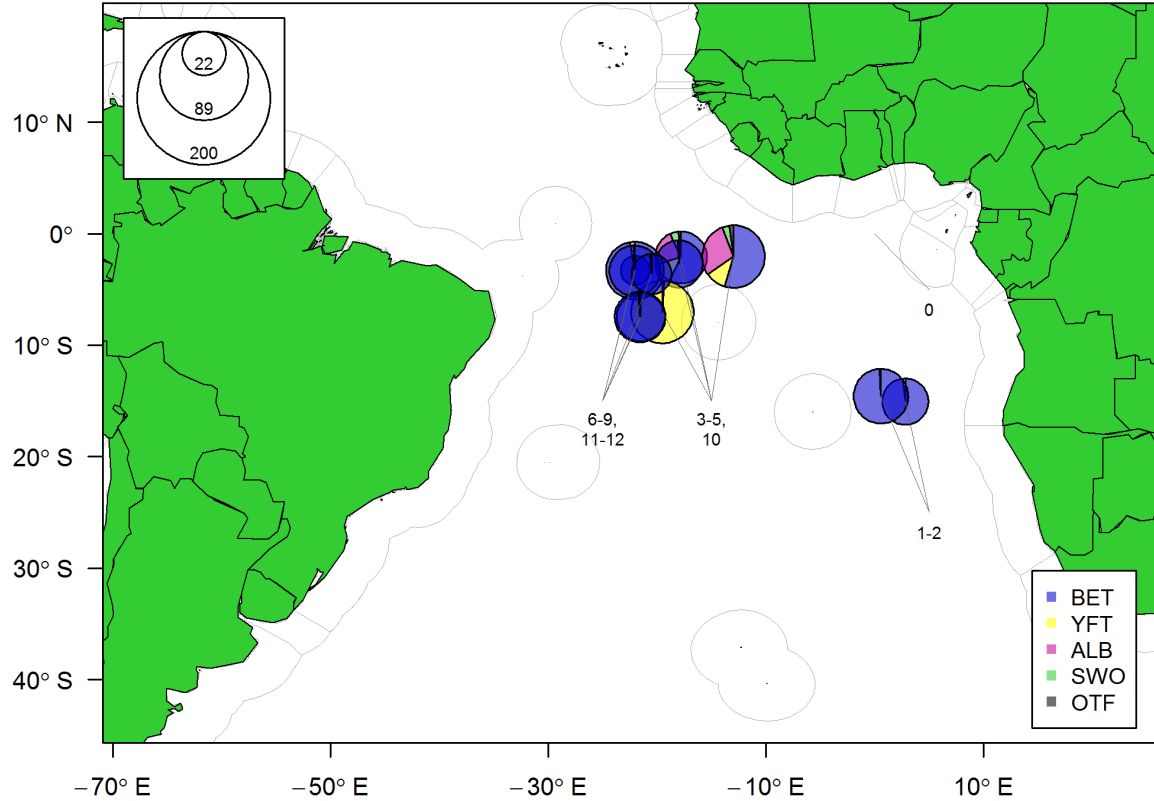


Figure 1 and the numbers received by nationality of vessel are given in Table 1. In addition, the CV conducted 9 non-ICCAT transshipments consisting of bait, supplies and frozen foods.

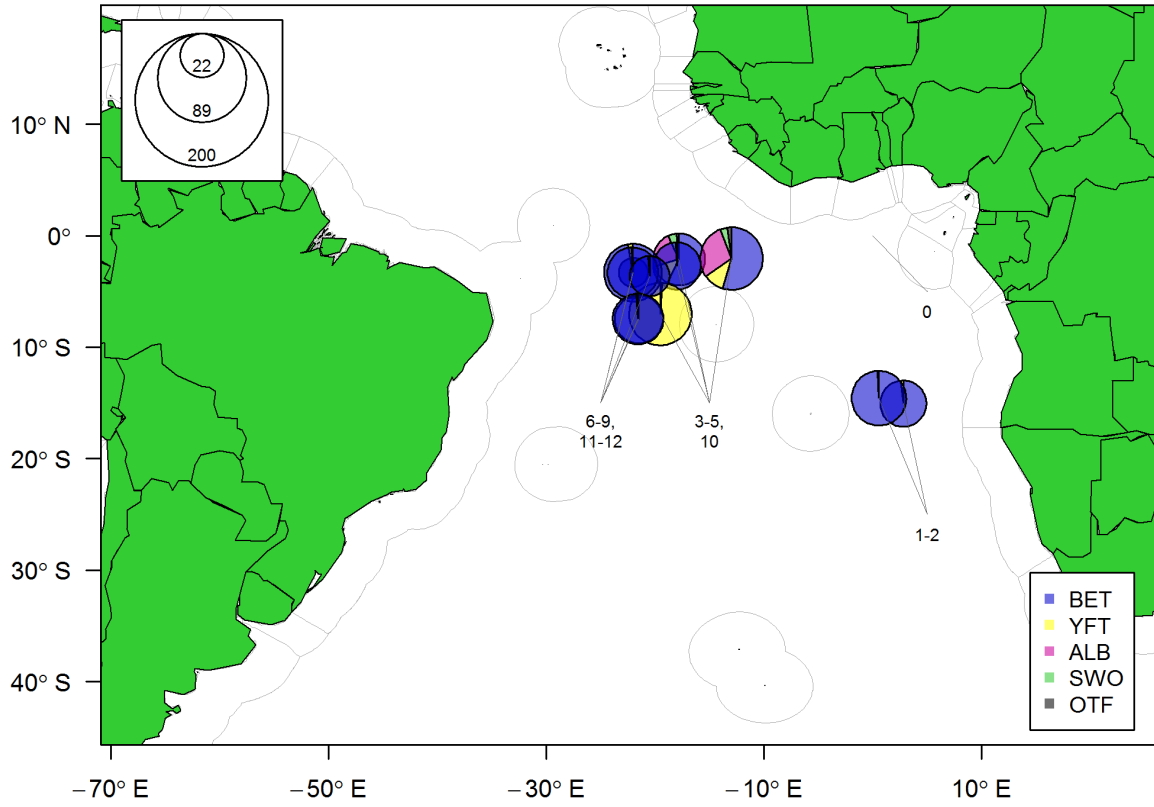


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	9
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	01/11/2015	15°03.76 S	002°47.95 E	03:25	100.00%
2				Yes	02/11/2015	14°34.574 S	000°33.42 E	05:10	100.00%
3				Yes	07/11/2015	02°07.32 S	017°48.645 W	02:18	100.00%
4				Yes	08/11/2015	02°02.895 S	012°59.137 W	02:25	100.00%
5				Yes	09/11/2015	02°43.022 S	017°59.613 W	00:40	100.00%
6				Yes	10/11/2015	03°37.401 S	020°29.932 W	02:50	100.00%
7				Yes	11/11/2015	03°17.929 S	022°00.558 W	02:20	100.00%
8				Yes	12/11/2015	03°18.729 S	022°02.865 W	01:10	100.00%
9				Yes	13/11/2015	03°19.862 S	022°03.578 W	01:35	100.00%
10				Yes	14/11/2015	07°01.776 S	019°31.221 W	03:05	100.00%
11				Yes	15/11/2015	07°30.102 S	021°30.597 W	02:15	100.00%
12				Yes	15/11/2015	07°28.18 S	021°34.045 W	03:05	100.00%

Comments

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	32.557	36.906	7.469	8.338	4.04	3.472	15.606	15.547	59.672	64.263	4.59	7.14%
2	50.513	51.14	6.289	9.939	2.446	3.4	27.918	29.041	87.166	93.52	6.35	6.79%
3	52.252	52.928	0.502	0.471	0	0	0	0	52.754	53.399	0.64	1.21%
4	91.736	0.801	0.612	92.43	0	0	0	0	92.348	93.231	0.88	0.95%
5	21.143	20.084	0.175	0.219	0	0	0	0	21.318	20.303	-1.02	-5.00%
6	81.003	77.8	1.421	2.2	0	0	0	0	82.424	80	-2.42	-3.03%
7	61.851	61.034	0.688	0.543	0	0	0	0	62.539	61.577	-0.96	-1.56%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
8	37.038	37.637	0.559	0.559	0	0	0	0	37.597	38.196	0.60	1.57%
9	54.573	54.339	0.631	0.841	0	0	0	0	55.204	55.18	-0.02	-0.04%
10	61.902	60.8	0.831	0.72	0	0	0	0	62.733	61.52	-1.21	-1.97%
11	50.476	50.025	0.846	1.01	0	0	0	0	51.322	51.035	-0.29	-0.56%
12	71.113	70.69	0.55	0.55	0	0	0	0	71.663	71.24	-0.42	-0.59%

6 Species and weight transferred

The vessel contained about 196 tons of tuna products, which came from transshipments in the Atlantic Ocean, when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	40.85	5.54%	41.53	5.59%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.37	0.05%	0.33	0.04%
Bigeye tuna	<i>Thunnus obesus</i>	All	666.16	90.42%	574.18	77.23%
Opah	<i>Lampris guttatus</i>	All	4.15	0.56%	4.99	0.67%
Swordfish	<i>Xiphias gladius</i>	All	6.49	0.88%	6.87	0.92%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	0.24	0.03%
West African Spanish mackerel	<i>Scomberomorus tritor</i>	All	0.24	0.03%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	20.57	2.79%	117.82	15.85%

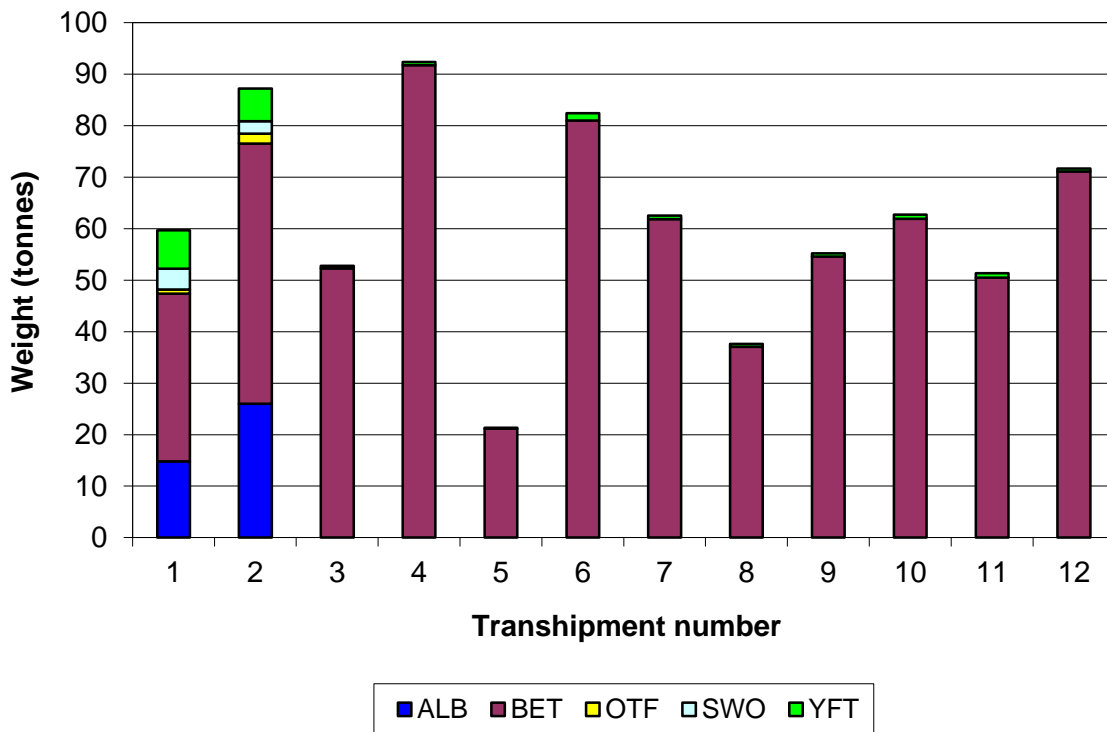


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	12.06
Atlantic blue marlin	<i>Makaira nigricans</i>	52.43
Bigeye tuna	<i>Thunnus obesus</i>	59.01
Opah	<i>Lampris guttatus</i>	7.74
Swordfish	<i>Xiphias gladius</i>	40.04
West African Spanish mackerel	<i>Scomberomorus tritor</i>	16.93
Yellowfin tuna	<i>Thunnus albacares</i>	25.75

Comments:

The main species transhipped were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), atlantic blue marlin (*Makaira nigricans*), opah (*Lampris guttatus*) and west-african Spanish mackerel (*Scomberomorus tritor*).

The main product types used by the LSPLVs on bigeye tuna (*T. obesus*) yellowfin tuna (*T. albacares*) and atlantic blue marlin (*M. nigricans*) was gilled and gutted (GG [the gills and guts are removed from the fish and head remaining attached]). Swordfish (*X. gladius*) and opah (*L. guttatus*) were Dressed (DR [the head and guts are removed]). Albacore (*T. alalunga*) were kept in the round (RD [whole fish]).

The observer used the LSPLV declared weight and estimated number of fish declared to get the average estimated weight. During the deployment, the average number of fish transferred in a string was 20. A crane scale was not in use on this deployment.

7 Southern bluefin tuna transhipments.

No southern bluefin (*Thunnus maccoyii*) were transhipped during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Ye s	01/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Yes	Y	Ye s	Ye s	Ye s	P U	30/10/ 15
2			Ye s	02/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	31/07/ 17	Yes	Y	Ye s	Ye s	Ye s	P U	01/11/ 15
3			Ye s	07/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	26/06/ 17	Yes	Y	Ye s	Ye s	Ye s	P B	06/11/ 15
4			Ye s	08/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	05/08/ 17	Yes	Y	Ye s	Ye s	Ye s	P B	07/11/ 15
5			Ye s	09/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	06/08/ 19	Yes	Y	Ye s	Ye s	Ye s	P B	08/11/ 15
6			Ye s	10/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	21/10/ 17	Yes	Y	Ye s	Ye s	Ye s	P B	10/11/ 15
7			Ye s	11/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	04/03/ 16	Yes	Y	Ye s	Ye s	Ye s	P B	10/11/ 15
8			Ye s	12/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	22/05/ 18	Yes	Y	Ye s	Ye s	Ye s	P B	10/11/ 15
9			Ye s	13/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	31/12/ 15	Yes	Y	Ye s	Ye s	Ye s	P B	12/11/ 15
10			Ye s	14/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	25/05/ 18	Yes	Y	Ye s	Ye s	Ye s	P B	14/11/ 15
11			Ye s	15/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	18/08/ 18	Yes	Y	Ye s	Ye s	Ye s	P B	14/11/ 15
12			Ye s	15/11/ 15	Ye s	Ye s	Ye s	Ye s	Ye s	18/08/ 18	Yes	Y	Ye s	Ye s	Ye s	P B	15/11/ 13

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			The LSVLP logbook was printed and unbound and the pages were not numbered. A PNC was issued and a copy was given to the LSPLV captain.

TS No.	Vessel Name	ICCAT No.	Comments
2			The LSVLP logbook was printed and unbound and not numbered. A PNC was issued and a copy was given to the LSPLV captain.
3			No comment.
4			No comment.
5			Of the two VMS units on board the LSVLP the Trimble Galaxy was in use with power light illuminated. With the Thrane and Thrane unit the power light was not illuminated.
6			No comments.
7			The LSVLP name on the stern partially obscured by dirt.
8			The LSVLP name on bow was partially obscured by rust and fouling on the hull.
9			No comments.
10			The LSVLP was equipped with two Thrane and Thrane 3022D INMARSAT C VMS units. Only one had the power light illuminated.
11			No comment.
12			No comment.

Comments.

The observer completed 2 Potential Non Compliance (PNC) reports on the following LSVLPs.

Transshipment 1 LNB, LNN

Transshipment 2 LNB, LNN

Table 10 PNC reports issued during the voyage

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			1	LNB	LNN	
2			2	LNB	LNN	

8.1 Verifying vessel name / RFMO number and National Registration Number.

All vessel names and registration marks were displayed and concurred with the information provided in the ICCAT vessel list. The markings of two LSPLVs was partially illegible due to fouling or wear on the hull.

8.2 Issues with Fishing Licence, logbooks or VMS.

No problems encountered.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV made use of colour coded drums to retain waste on-board in separate waste categories.



9.2 Unidentified or IUU vessels

None sighted

9.3 Marine mammals.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
14/11/2015	08:00	06°47.007S	019°61.617W	Dolphin (unknown species)	50 +	Feeding

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		30/10/2015	17 02.903S	07 30.676	Frozen foods and stores	Yes
		30/10/2015	17 00.540S	07 27.774E	Stores	Yes
		30/10/2015	17 00.540S	07 27.774E	Bait, frozen foods	Yes
		31/10/2015	16 38.328S	07 29.382E	Dry goods, frozen foods	Yes
		31/10/2015	16 34.770S	07 27. 677E	Bait,	Yes
		31/10/2015	16 33.024S	07 26.888E	Bait	Yes
		01/11/2015	15 07.697S	02 51.716E	Bait	Yes
		01/11/2015	15 06.498S	02 50.552E	Bait	Yes
		19/11/2015	10 42.587S	26 09 728W	Bait	Yes

ICCAT

Observer Report



Trip Number:	176
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000LBR00003
Observer Name:	BRUCE BIFFARD
Cruise Dates:	05/12/2015 TO 10/02/2016

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation LTD. and MRAG, Bruce Biffard (ICCAT no. 123) joined the Liberian registered Carrier Vessel (CV) Chikuma (ICCAT no. AT000LBR00003) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 05/12/2015 to 10/02/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Chikuma, on 05/12/2015. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 05/12/2015 and the vessel sailed from Port Louis, Mauritius the same day.

In total the vessel received 2589.290 tonnes of tuna and tuna like products from 38 Large Scale Tuna Longline Vessels (LSPLVs). The transshipments occurred between 15/12/2015 and 26/01/2016 in the Atlantic Ocean.

Transshipment times ranged from 45 minutes to 11 hours 11 minutes. With an average time of 3 hours 12 minutes. The quantities transhipped per hour ranged from 15.96 to 34.37 tonnes with an average of 23.12 tonnes.

The observer disembarked from the Chikuma in Port Louis, Mauritius by launch on 10/02/2016.

2 Carrier Vessel details

Vessel name:	CHIKUMA	Call sign:	D5JI4
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	OCEAN WIDE SHIPPING S.A. LTD	Charterer:	MRS CORP LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8020m3
Size (GRT):	6534 GRT	Length (LOA):	134.15m
On-board acoustic equipment:	1 FURUNO SOUNDER		
Position fixing equipment:	2 FURUNO GPS UNITS		
Vessel monitoring system (present/absent):	PRESENT		
Radar:	2 FURUNO'S		
Communications equipment:	HF,MF,VHF,INMARSAT,NAVTEX		
Plotters:	2 FURUNOS		
Tuna products already on board (Quantity)	YES (130.504T)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	PORT LOUIS, MAURITIUS
Date of embarkation	04/12/2015
Method of embarkation*	NA
Date of departure	05/12/2015
Date of first transshipment	15/12/2015
Date of last transshipment	26/01/2016
Date of return	10/02/2016
Date of disembarkation	10/02/2016
Method of disembarkation*	BY LAUNCH
Port of return	PORT LOUIS, MAURITIUS

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 38 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

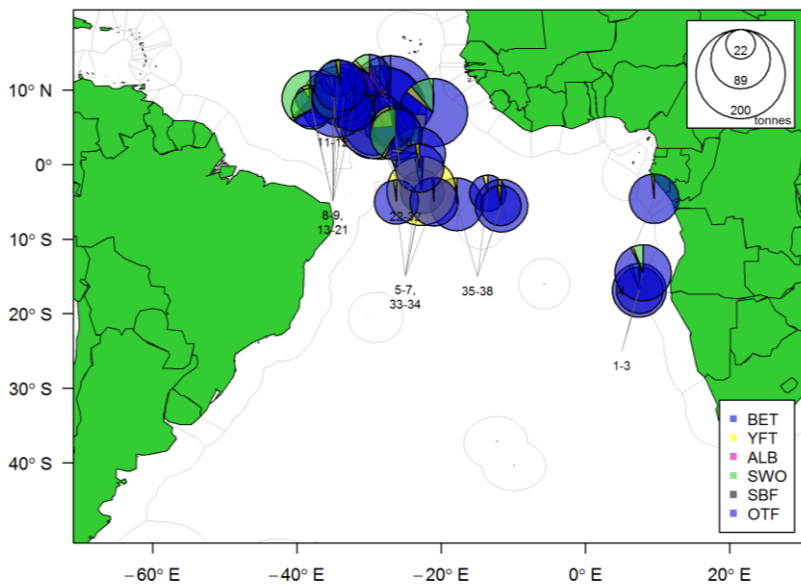


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	12
	18
	6
	2

5 Summary of Transhipments Observed.

A summary of the transhipments conducted during this deployment is given in Table 2, and a summary of the vessel and observer estimated figures for each transhipment is given in Table 3.

Table 2 Summary of transhipments.

Table 1								
No	Vessel Name	ICCAT Ref. No.	Flag	Date	Latitude	Longitude	Time	Obs. %
1				15/12/2015	16°50.615 S	007°26.305 E	04:40	100.00%
2				16/12/2015	16°49.990 S	007°30.346 E	11:11	100.00%
3				17/12/2015	14°30.679 S	007°57.954 E	09:55	100.00%
4				22/12/2016	04°34.593 S	009°30.365 E	00:45	100.00%
5				24/12/2015	03°38.773 S	022°36.928 W	03:50	100.00%
6				24/12/2015	03°32.030 S	022°45.000 W	04:42	100.00%
7				26/12/2015	05°00.923 S	026°12.026 W	04:29	100.00%
8				29/12/2015	07°22.494 N	032°12.466 W	05:52	100.00%
9				30/12/2015	09°04.342 N	035°06.178 W	03:17	100.00%
10				04/01/2016	11°59.070 N	029°55.675 W	01:33	100.00%
11				05/01/2016	11°37.940 N	034°19.544 W	03:44	100.00%
12				06/01/2016	10°33.235 N	034°02.400 W	02:56	100.00%
13				07/01/2016	08°21.557 N	034°29.462 W	02:34	100.00%
14				07/01/2016	08°18.683 N	034°30.593 W	05:33	100.00%
15				08/01/2016	09°11.994 N	033°29.561 W	05:51	100.00%
16				09/01/2016	09°03.153 N	033°30.307 W	03:07	100.00%
17				10/01/2016	07°29.561 N	037°55.923 W	01:02	100.00%
18				11/01/2016	08°50.446 N	038°11.323 W	02:57	100.00%
19				11/01/2016	08°48.391 N	038°15.151 W	01:37	100.00%
20				12/01/2016	09°00.781 N	034°52.574 W	01:31	100.00%

Table 1								
No	Vessel Name	ICCAT Ref. No.	Flag	Date	Latitude	Longitude	Time	Obs. %
21				12/01/2016	09°00.835 N	034°55.665 W	01:49	100.00%
22				14/01/2016	06°58.339 N	028°30.37 W	02:10	100.00%
23				15/01/2016	08°45.215 N	027°02.051 W	01:38	100.00%
24				15/01/2016	08°44.829 N	027°03.145 W	01:29	100.00%
25				16/01/2016	05°16.054 N	029°19.588 W	02:12	100.00%
26				16/01/2016	05°14.927 N	029°21.218 W	02:35	100.00%
27				16/01/2016	05°01.350 N	028°30.876 W	01:55	100.00%
28				17/01/2016	05°08.192 N	026°38.795 W	02:27	100.00%
29				17/01/2016	05°06.400 N	026°37.13 W	01:31	100.00%
30				17/01/2016	04°02.359 N	026°14.943 W	02:31	100.00%
31				19/01/2016	06°57.956 N	21°06.103 E	06:27	100.00%
32				21/01/2016	01°22.709 N	023°10.177 W	01:43	100.00%
33				22/01/2016	00°28.459 S	023°01.472 W	02:08	100.00%
34				23/01/2016	05°00.066 S	020°59.768 W	01:59	100.00%
35				24/01/2016	05°19.645 S	017°50.225 W	01:42	100.00%
36				25/01/2016	03°50.518 S	013°33.218 W	02:04	100.00%
37				26/01/2016	05°31.039 S	011°39.567 W	01:59	100.00%
38				26/01/2016	05°29.974 S	011°43.885 W	02:14	100.00%

Comments: All transshipments were monitored with 100% coverage by the observer.

Table 3 Summary of vessel / observer estimated figures

No	SBF		BET		YFT		SWO		OTF		TOT.		DIFF.	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	%
1	0	0	61.149	63.128	22.428	21.215	1.604	1.611	4.542	4.512	89.723	90.466	0.74	0.82%
2	3.468	3.443	100.286	102.781	42.482	44.544	6.774	6.308	25.49	25.686	178.5	182.762	4.26	2.33%
3	0	0	55.04	53.743	136.192	137.121	2.416	2.205	14.821	14.899	208.469	207.968	-0.50	-0.24%
4	0	0	21.616	21.9	0	0	0	0	0	0	21.616	21.9	0.28	1.30%
5	0	0	53.625	50	1.71	1.802	0	0	0	0	55.335	51.802	-3.53	-6.82%
6	0	0	83.694	85.109	0.987	0.982	0	0	0	0	84.681	86.091	1.41	1.64%
7	0	0	104.654	98.99	1.739	1.845	5.136	5.148	0	0	111.529	105.983	-5.55	-5.23%
8	0	0	91.133	95.7	4.182	3.971	12.272	12.392	0	0	107.587	112.063	4.48	3.99%
9	0	0	50.292	53.105	1.927	1.851	14.535	14.807	0	0	66.754	69.763	3.01	4.31%
10	0	0	31.2	30.563	9.328	9.525	1.38	1.367	0	0	41.908	41.455	-0.45	-1.09%
11	0	0	35.241	36.461	1.081	1.123	28.828	25.841	0	0	65.15	63.425	-1.73	-2.72%
12	0	0	50.56	50.679	11.613	11.775	0.816	0.808	0	0	62.989	63.262	0.27	0.43%
13	0	0	22.952	21.948	1.12	0.875	24.131	22.311	0	0	48.203	45.134	-3.07	-6.80%
14	0	0	70.4	70.164	3.15	3.218	21.412	21.345	0	0	94.962	94.727	-235.00	-0.25%
15	0	0	81.796	82.614	1.96	2.122	32.424	32.727	0	0	116.18	117.463	1.28	1.09%
16	0	0	43.952	44.984	1.152	1.221	29.127	28.431	0	0	74.231	74.636	0.41	0.54%
17	0	0	15.96	16.412	1.845	1.664	0	0	0	0	17.805	18.076	0.27	1.50%
18	0	0	50.002	49.446	3.192	2.756	5.184	5.372	0	0	58.378	57.574	-0.80	-1.40%
19	0	0	26.325	26.124	0.45	0.5	13.122	13.084	0	0	39.897	39.708	-0.19	-0.48%
20	0	0	21.497	21.845	1.175	0.792	21.17	21.54	0	0	43.842	44.177	0.34	0.76%
21	0	0	41.301	40.399	1.479	1.522	2.013	2.003	0	0	44.793	43.924	-0.87	-1.98%
22	0	0	40.832	41.247	1.431	1.174	1.909	1.92	0	0	44.172	44.341	0.17	0.38%
23	0	0	35.31	35.083	0.94	1.072	4.774	5.039	0	0	41.024	41.194	0.17	0.41%
24	0	0	24.576	25.165	0.98	1.037	5.994	5.62	0	0	31.55	31.822	0.27	0.85%

No	SBF		BET		YFT		SWO		OTF		TOT.		DIFF.	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	%
25	0	0	62.16	61.583	1.728	1.688	0	0	0	0	63.888	63.271	-0.62	-0.98%
26	0	0	65.205	65.65	1.248	1.103	0	0	0	0	66.453	66.753	0.30	0.45%
27	0	0	30.282	30.376	1.395	1.343	0	0	0	0	31.677	31.719	0.04	0.13%
28	0	0	63.68	64.603	1.377	1.478	0	0	0	0	65.057	66.081	1.02	1.55%
29	0	0	37.642	37.728	1.012	1.112	0	0	0	0	38.654	38.84	0.19	0.48%
30	0	0	42.636	42.82	1.908	2.168	0	0	0	0	44.544	44.988	0.44	0.99%
31	0	0	0.954	0.995	110.147	109.579	3.422	3.45	0	0	114.523	114.024	-0.50	-0.44%
32	0	0	46.8	46	1.225	0.94	0	0	0	0	48.025	46.94	-1.09	-2.31%
33	0	0	55	54.842	0.855	0.735	0	0	0	0	55.855	55.577	-0.28	-0.50%
34	0	0	57.558	54.539	1.792	1.557	0	0	0	0	59.35	56.096	-3.25	-5.80%
35	0	0	57.31	57.448	1.16	0.978	0	0	0	0	58.47	58.426	-0.04	-0.08%
36	0	0	64.764	65.102	1.125	1.177	3.149	3	0	0	69.038	69.279	0.24	0.35%
37	0	0	51.48	51.644	0.539	0.444	0	0	0	0	52.019	52.088	0.07	0.13%
38	0	0	70.38	70.313	1.02	0.969	4.485	4.5	0	0	75.885	75.782	-0.10	-0.14%

Comments: No differences of greater than 10% between the observer and vessel estimates were encountered.

6 Species and weight transferred

The vessel contained 130.504 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, and a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
	Other fish Unclassified	All	0.89	0.03%	0.21	0.01%
Albacore	<i>Thunnus alalunga</i>	S	35.40	1.37%	35.43	1.37%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	7.08	0.27%	7.07	0.27%
Bigeye tuna	<i>Thunnus obesus</i>	All	1814.59	69.99%	1822.24	70.37%
Bigeye tuna	<i>Thunnus obesus</i>	S	104.65	4.04%	98.99	3.82%
Black marlin	<i>Makaira indica</i>	All	0.80	0.03%	0.80	0.03%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	1.46	0.06%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	3.47	0.13%	3.44	0.13%
Swordfish	<i>Xiphias gladius</i>	All	15.35	0.59%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	78.73	3.04%	76.77	2.96%
Swordfish	<i>Xiphias gladius</i>	S	152.00	5.86%	164.06	6.34%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	All	0.68	0.03%	0.81	0.03%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	0.04	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	377.34	14.55%	377.13	14.56%
Yellowfin tuna	<i>Thunnus albacares</i>	S	1.74	0.07%	1.85	0.07%

Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Average weights-Observed		
Common name	Scientific name	Average weight (Kg)
	Other Fish Unclassified	7.46
Albacore	<i>Thunnus alalunga</i>	12.00
Atlantic blue marlin	<i>Makaira nigricans</i>	120.03
Bigeye tuna	<i>Thunnus obesus</i>	50.37
Black marlin	<i>Makaira indica</i>	133.83
Southern bluefin tuna	<i>Thunnus maccoyii</i>	68.00
Swordfish	<i>Xiphias gladius</i>	57.23
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	17.00
Yellowfin tuna	<i>Thunnus albacares</i>	26.21

Comments:

The main species transferred were Bigeye tuna (*Thunnus obesus*) and Yellowfin tuna (*Thunnus albacares*). The product type of these species was gilled and gutted while other species were head off, fillet, whole or gilled and gutted.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Trans. time	% Obs.
2				YES	16/12/2015	16° 49.990' S	07° 30.346' E	05:30 UTC	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
2	9	51		

Comments:

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		Last entry	
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type		
1			Y	15/12/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	14/12/2015
2			Y	16/12/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	15/12/2015
3			Y	17/12/15	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	16/12/2015
4			Y	22/12/15	Y	Y	Y	Y	Y	27/11/16	Y	Y	Y	Y	Y	Y	PB	22/12/2015
5			Y	24/12/15	Y	Y	Y	Y	Y	03/11/16	Y	Y	Y	Y	Y	Y	PB	23/12/2015
6			Y	24/12/15	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	23/12/2015
7			Y	26/12/15	Y	Y	Y	Y	Y	02/08/16	Y	Y	Y	Y	Y	Y	PB	26/12/2015
8			Y	29/12/15	Y	Y	Y	Y	Y	31/03/16	Y	Y	Y	Y	Y	Y	PB	28/12/2015
9			Y	30/12/15	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	29/12/2015
10			Y	04/01/16	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	03/01/2016
11			Y	05/01/16	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	05/01/2016
12			Y	06/01/16	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	Y	PU	06/01/2016
13			Y	07/01/16	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	07/01/2016
14			Y	07/01/16	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	Y	PB	06/01/2016
15			Y	08/01/16	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	07/01/2016
16			Y	09/01/16	N	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	08/01/2016
17			Y	10/01/16	Y	Y	Y	Y	Y	01/11/16	Y	Y	Y	Y	Y	Y	PB	09/01/2016
18			Y	11/01/16	Y	Y	Y	N	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	10/01/2016
19			Y	11/01/16	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	Y	PB	10/01/2016

Comment [HD1]: Incomp
for24 hours

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
20			Y	12/01/16	Y	Y	Y	Y	Y	31/03/17	Y	Y	Y	Y	Y	PB	12/01/2016
21			Y	12/01/16	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	PB	11/01/2016
22			Y	14/01/16	Y	Y	Y	Y	Y	22/12/18	Y	Y	Y	Y	Y	PB	13/01/2016
23			Y	15/01/16	Y	Y	Y	Y	Y	25/07/16	Y	Y	Y	Y	Y	PB	14/01/2016
24			Y	15/01/16	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PU	14/01/2016
25			Y	16/01/16	Y	Y	Y	Y	Y	12/03/16	Y	Y	Y	Y	Y	PB	16/01/2016
26			Y	16/01/16	Y	Y	Y	Y	Y	08/08/16	Y	Y	Y	Y	Y	PB	15/01/2016
27			Y	16/01/16	Y	Y	Y	Y	Y	01/11/16	Y	Y	Y	Y	Y	PB	15/01/2016
28			Y	17/01/16	Y	Y	Y	Y	Y	12/03/16	Y	Y	Y	Y	Y	PB	16/01/2016
29			Y	17/01/16	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	PB	16/01/2016
30			Y	17/01/16	Y	Y	Y	Y	Y	28/04/19	Y	Y	Y	Y	Y	PB	16/01/2016
31			Y	19/01/16	N	Y	Y	Y	Y	07/10/18	Y	Y	Y	Y	Y	PB	19/01/2016
32			Y	21/01/16	Y	Y	Y	Y	Y	18/08/18	Y	Y	Y	Y	Y	PB	20/01/2016
33			Y	22/01/16	Y	Y	Y	Y	Y	11/11/18	Y	Y	Y	Y	Y	PB	21/01/2016
34			Y	23/01/16	Y	Y	Y	Y	Y	18/08/19	Y	Y	Y	Y	Y	PB	22/01/2016
35			Y	24/01/16	Y	Y	Y	Y	Y	08/09/18	Y	Y	Y	Y	Y	PB	23/01/2016
36			Y	25/01/16	Y	Y	Y	Y	Y	21/10/17	Y	Y	Y	Y	Y	PB	25/01/2016
37			Y	26/01/16	Y	Y	Y	Y	Y	01/11/19	Y	Y	Y	Y	Y	PB	25/01/2016
38			Y	26/01/16	Y	Y	Y	Y	Y	08/02/19	Y	Y	Y	Y	Y	PB	25/01/2016

Table 9 **Comments from inspections**

No	Comments
1	The XXX s logbook was unbound and the pages were not sequentially numbered.
2	The XXX logbook was unbound and the pages were not sequentially numbered.
3	The XXX logbook was unbound and the pages were not sequentially numbered.
10	The XXX logbook was unbound and the pages were not sequentially numbered.
12	The XXX logbook was unbound and the pages were not sequentially numbered.
16	The bow marking of the XXX was partially obscured by dirt and was not legible.
18	During the observer's inspection of the XXX the observer was only shown one part of the ATF. However on 12/01/2016 the completed ATF was sent to the Carrier Vessel and seen by the observer.
24	The XXX logbook was not bound and the pages were not numbered
31	The bow marking of the XXX was partially worn away and was not legible

The observer recorded the following Potential Non Compliance issues, summarised in Table 10.

Table 10 PNCs

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
01			17601	LNB	LNN	
02			17602	LNB	LNN	
03			17603	LNB	LNN	
10			17610	LNB	LNN	
12			17612	LNB	LNN	
16			N/A	IIM		
18			N/A	ANP		
24			17624	LNB	LNN	
31			N/A	IIM		

9 Observer Tasks.

9.1 CV waste disposal

There were no waste disposal issues.

9.2 Unidentified or IUU vessels

There were no unidentified vessels.

9.3 Marine mammals.

There were no marine mammal sightings.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transshipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		21/12/2015	04° 36.979S	010° 29.767W	Vessel loads bait and supplies	Yes
		23/12/2015	02° 58.432'S	019° 45.252W	Vessel loads bait and supplies	Yes
		06/01/2016	10° 01.179N	034° 01.066W	Vessel loads bait and supplies	Yes
		06/01/2016	09° 56.277N	034° 06.118W	Vessel loads bait, supplies and fuel	Yes
		07/01/2016	08° 22.281N	034° 29.417W	Vessel loads supplies	Yes
		10/01/2016	07° 30.956N	037° 57.004W	Vessel loads bait	Yes
		14/01/2016	06° 58.312N	028° 32.695W	Vessel loads bait and supplies	Yes
		18/01/2016	06° 48.112N	026° 01.874W	Vessel loads bait and supplies	Yes

ICCAT

Observer Report



Trip Number:	177
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Mzwandile Silekwa
Cruise Dates:	From: 07/12/2015 to 30/01/2016

1 Cruise Summary

In accordance with the bilateral agreement between Panama TRL S.A. and Capfish, Mzwandile Silekwa (ROP no. 106) joined the Liberia registered Carrier Vessel (CV) Genta Maru (RFMO no AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 07/12/2015 to 30/01/2016 (the date when the CV departed from the ICCAT area).

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2373 Mt
Size (GRT):	3989	Length (LOA):	99.06m
On-board acoustic equipment:		Echo Sounder: JRC-JFE-680	
Position fixing equipment:		GPS: JRC GPS Nav (x2), JRC Navtex	
Vessel monitoring system (present):		Argos(CLS) Leo, JRC JUE-95VM	
Radar:		Tokyo Keiki Marine Radar (x2)	
Communications equipment:		VHF: JRC NCM-1770 (x2) JRC JSB-196GM	
Plotters:		None	
Tuna products already on board (Quantity)		00.00	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	07/12/2015
Method of embarkation*	Portside
Date of departure	07/12/2015
Date of first transshipment	09/12/2015
Date of last transshipment	26/01/2016
Date of return	21/02/2016
Date of disembarkation	21/02/2016
Method of disembarkation*	Port Launch
Port of return	Singapore

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 31 transshipments at sea. The locations are shown in detail in

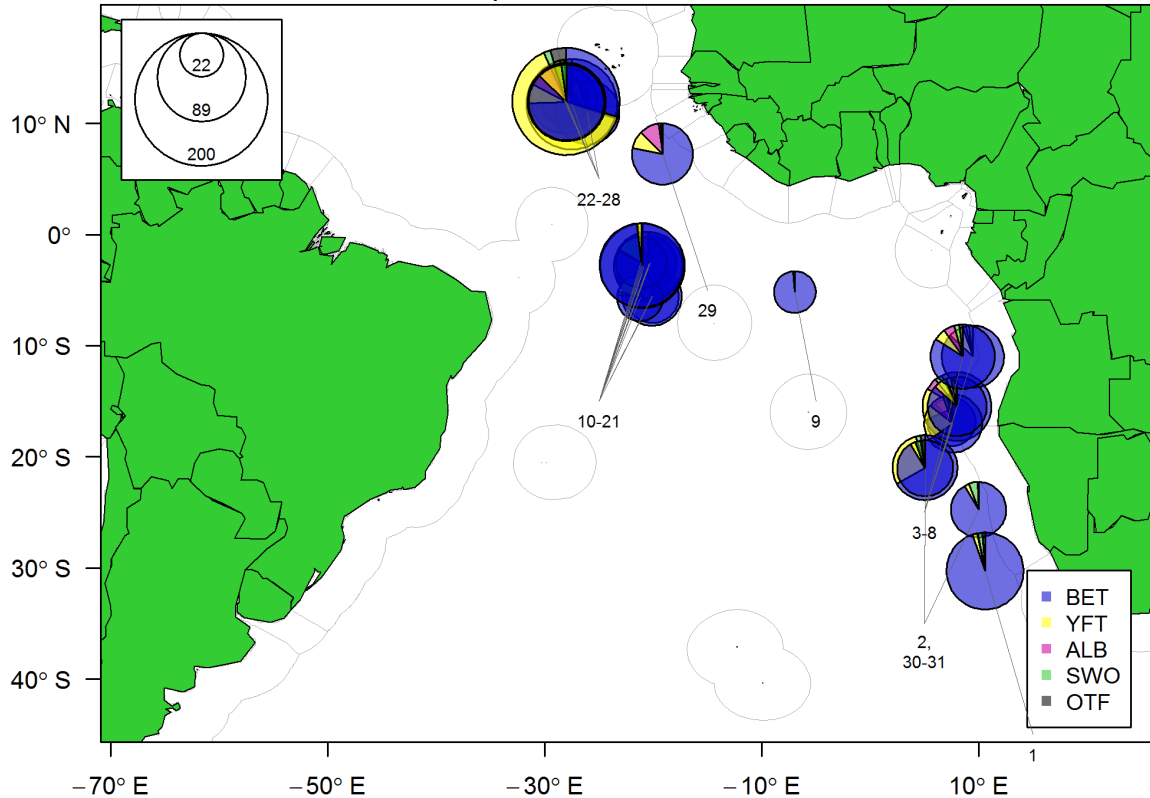


Figure 1. The number of transshipments conducted by the nationality of vessel are given in Table 1. In addition to that, two transshipments were conducted in port Grande, Sao Vicente, Cape Verde. The detail of the in-port transshipments are shown in Appendix number 2.

The CV proceeded directly to the IOTC area and crossed the 20°E longitude on 30/01/2016 at 16:00 (ship time, GMT+1). The observer remained on board and monitored the transshipments conducted in the IOTC area before disembarking in Singapore.

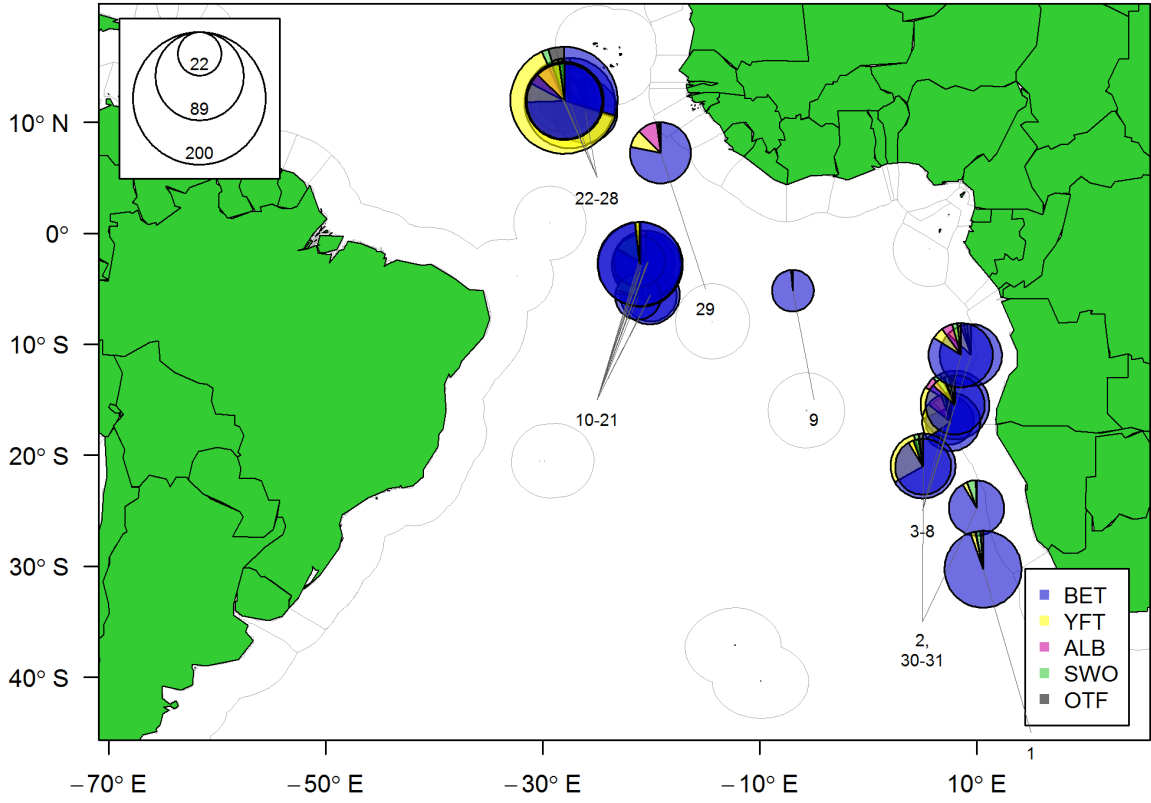


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	12
	18

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	09/12/15	30°15.880 S	010°33.818 E	02:15	100.00
2				Yes	10/12/15	24°45.464 S	009°57.864 E	01:15	100.00
3				Yes	12/12/15	16°59.750 S	007°37.591 E	02:35	100.00
4				Yes	12/12/15	16°51.626 S	007°28.371 E	02:45	100.00
5				Yes	14/12/15	15°28.344 S	007°58.594 E	05:05	100.00
6				Yes	15/12/15	15°28.120 S	007°59.780 E	07:50	96.81
7				Yes	17/12/15	10°59.077 S	008°30.296 E	04:00	100.00
8				Yes	18/12/15	10°59.157 S	009°26.406 E	03:35	95.35
9				Yes	22/12/15	05°10.448 S	006°57.137 W	01:45	100.00
10				Yes	25/12/15	05°35.561 S	020°04.522 W	01:45	100.00
11				Yes	25/12/15	05°31.616 S	020°07.972 W	01:30	100.00
12				Yes	26/12/15	02°54.653 S	020°51.683 W	01:50	100.00
13				Yes	27/12/15	03°32.927 S	021°02.247 W	02:10	100.00
14				Yes	28/12/15	02°45.525 S	020°22.118 W	01:05	100.00
15				Yes	28/12/15	02°51.575 S	020°28.554 W	01:40	100.00
16				Yes	29/12/15	02°33.177 S	020°17.858 W	02:00	100.00
17				Yes	29/12/15	02°32.935 S	020°22.219 W	04:15	100.00
18				Yes	30/12/15	02°49.076 S	020°59.908 W	01:20	100.00
19				Yes	30/12/15	02°45.512 S	021°03.999 W	01:20	100.00
20				Yes	01/01/16	05°43.125 S	021°13.519 W	04:15	100.00
21				Yes	02/01/16	02°30.773 S	021°07.603 W	04:30	100.00
22				Yes	06/01/16	10°59.252 N	026°04.601 W	01:40	100.00
23				Yes	13/01/16	11°44.110 N	027°30.793 W	02:40	100.00
24				Yes	14/01/16	12°04.316 N	028°09.340 W	02:05	100.00
25				Yes	14/01/16	12°04.814 N	028°11.322 W	02:00	100.00
26				Yes	15/01/16	11°55.719 N	027°59.316 W	02:05	100.00

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
27				Yes	15/01/16	11°53.576 N	028°00.374 W	02:20	100.00
28				Yes	16/01/16	11°59.061 N	028°03.174 W	02:05	100.00
29				Yes	18/01/16	07°14.736 N	019°09.749 W	02:15	100.00
30				Yes	26/01/16	21°01.367 S	005°02.660 E	01:45	100.00
31				Yes	26/01/16	20°58.140 S	005°01.627 E	03:25	100.00

Comments:

Transshipment number 06. The observer took a 15 minute lunch break at 12:00 due to the length of the transshipment.

Transshipment number 08. The transshipment began 25 minutes before lunch. Therefore the observer took 10 minutes at 12:00 for lunch.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	45.675	41.011	0.990	5.030	1.125	0.643	3.990	5.816	51.780	52.500	0.720	1.37%
2	28.770	29.180	1.260	1.838	0.650	0.639	1.410	0.650	32.090	32.307	0.217	0.67%
3	58.800	57.059	0.840	1.624	1.135	1.202	1.600	1.841	62.375	61.726	-0.649	-1.05%
4	48.345	51.438	2.126	2.803	1.253	0.595	2.265	2.265	53.989	57.101	3.112	5.45%
5	32.850	34.296	75.985	75.561	2.720	1.898	3.360	3.021	114.915	114.776	-0.139	-0.12%
6	40.763	47.532	103.834	102.114	3.362	3.421	7.809	7.593	155.768	160.660	4.892	3.04%
7	63.085	64.002	7.350	6.994	4.200	4.023	12.370	10.889	87.005	85.908	-1.097	-1.28%
8	67.709	69.591	7.824	8.401	1.626	1.782	0.000	0.000	77.159	79.774	2.615	3.28%
9	24.205	24.000	0.400	0.400	0.000	0.000	0.000	0.000	24.605	24.400	-0.205	-0.84%
10	30.276	31.000	0.968	1.139	2.379	2.383	0.000	0.000	33.623	34.522	0.899	2.60%
11	29.224	30.127	1.924	1.671	3.026	2.766	0.000	0.000	34.174	34.564	0.390	1.13%
12	29.660	29.421	0.761	0.870	8.501	8.232	0.000	0.000	38.922	38.523	-0.399	-1.04%
13	42.910	42.000	0.275	0.370	6.930	7.200	0.015	0.000	50.130	49.570	-0.560	-1.13%
14	30.030	30.963	0.540	0.609	3.640	3.500	0.000	0.000	34.210	35.072	0.862	2.46%
15	33.592	33.807	0.313	0.403	8.060	8.000	0.000	0.000	41.965	42.210	0.245	0.58%
16	29.710	30.000	1.600	2.000	29.113	28.817	0.000	0.000	60.423	60.817	0.394	0.65%
17	63.009	63.339	0.183	0.365	0.000	0.000	2.268	2.700	65.460	66.404	0.944	1.42%
18	23.280	22.769	0.525	0.561	5.940	6.000	0.000	0.000	29.745	29.330	-0.415	-1.41%
19	29.806	30.184	0.275	0.330	6.178	6.000	0.000	0.000	36.259	36.514	0.255	0.70%
20	98.919	98.190	1.965	1.810	0.000	0.000	0.000	0.000	100.884	100.000	-0.884	-0.88%
21	97.684	97.491	1.836	1.930	0.000	0.000	0.000	0.000	99.520	99.421	-0.099	-0.10%
22	28.445	28.822	1.758	2.563	0.515	0.687	0.452	0.506	31.170	32.578	1.408	4.32%
23	44.280	45.524	7.500	9.965	2.760	2.234	6.259	8.762	60.799	66.485	5.686	8.55%
24	32.013	30.967	6.306	9.384	1.765	1.071	4.990	5.764	45.074	47.186	2.112	4.48%
25	42.351	47.088	5.439	4.262	2.031	0.891	1.600	1.904	51.421	54.145	2.724	5.03%
26	37.322	42.421	3.675	3.387	1.596	1.266	2.168	1.967	44.761	49.041	4.280	8.73%
27	45.536	48.708	4.779	3.513	2.993	1.701	3.391	4.032	56.699	57.954	1.255	2.17%
28	36.214	39.293	1.000	1.150	3.671	2.332	0.160	0.160	41.045	42.935	1.890	4.40%
29	43.118	39.417	10.346	17.006	2.342	1.356	1.216	1.287	57.022	59.066	2.044	3.46%
30	38.160	40.053	1.290	1.285	1.760	1.460	1.060	1.144	42.270	43.942	1.672	3.81%
31	75.444	78.686	1.635	1.758	2.407	1.624	1.123	1.046	80.609	83.114	2.505	3.01%

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in table 4; a breakdown by transshipment is shown in figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	Thunnus alalunga	All	25.563	1.43%	30.691	1.67%
Atlantic blue marlin	Makaira nigricans	All	26.843	1.50%	27.085	1.48%
Atlantic sailfish	Istiophorus albicans	All	0.000	0.00%	0.048	0.00%
Bigeye tuna	Thunnus obesus	All	1366.735	76.47%	1398.379	76.31%
Black marlin	Makaira indica	All	0.000	0.00%	0.166	0.01%
Dolphinfish	Coryphaena hippurus	All	0.450	0.03%	0.426	0.02%
Opah	Lampris guttatus	All	1.224	0.07%	1.230	0.07%
Other fish		All	3.621	0.20%	1.967	0.11%
Shortbill spearfish	Tetrapturus angustirostris	All	0.000	0.00%	0.075	0.00%
Skipjack tuna	Katsuwonus pelamis	All	0.014	0.00%	0.014	0.00%
Striped marlin	Tetrapturus audax	All	0.074	0.00%	0.159	0.01%
Swordfish	Xiphias gladius	All	82.382	4.61%	52.257	2.85%
Swordfish	Xiphias gladius	N	0.000	0.00%	2.882	0.16%
Swordfish	Xiphias gladius	S	29.113	1.63%	46.584	2.54%
Wahoo	Acanthocybium solandri	All	0.080	0.00%	0.101	0.01%
Yellowfin tuna	Thunnus albacares	All	251.824	14.09%	271.096	14.79%

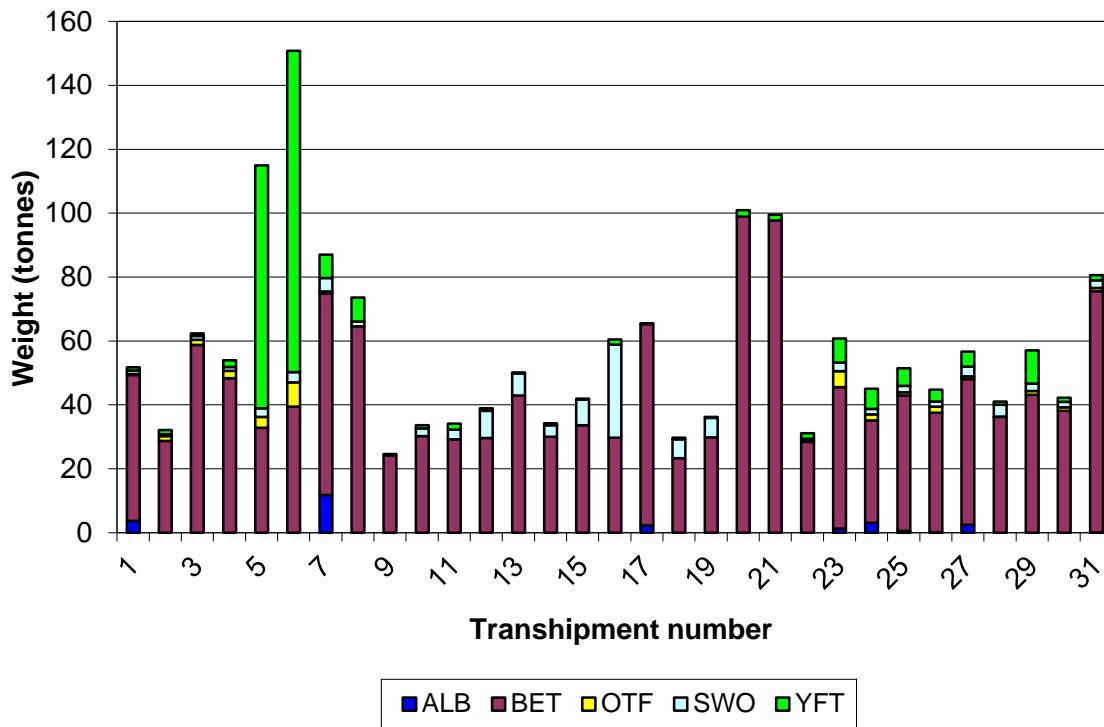


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Unclassified fish		15.68
Albacore	<i>T. alalunga</i>	13.08
Atlantic blue marlin	<i>M. nigricans</i>	99.42
Bigeye tuna	<i>T. obesus</i>	52.16
Dolphinfish	<i>C. hippurus</i>	15.00
Opah	<i>L. guttatus</i>	16.54
Skipjack tuna	<i>K. pelamis</i>	7.00
Striped marlin	<i>T. audax</i>	14.80
Swordfish	<i>X. gladius</i>	53.40
Wahoo	<i>A. solandri</i>	20.00
Yellowfin tuna	<i>T. albacares</i>	35.40

Comments:

The most dominant species being transhipped during the deployment were *T. obesus*, *T. albacares* and *X. gladius*. *T. alalunga* and *M. nigricans* were the least transferred.

The product code for *T. obesus* and *T. albacares* was gilled and gutted (GG) throughout the deployment. The *X. gladius* was mostly dressed (DR) or headed (HO). Only Japan flagged LSPLVs declared the *X. gladius* in dressed (HO) and fillets (FL) product state. Two product codes were observed for *M. Nigricans*, dressed (DR) and headed (HO). *T. alalunga* was only declared as round (RD) product, only fins and tail were removed.

Most LSPLVs declared the amount to be transshipment in metric tonnes and gave the number of fish per specie. These numbers were used to calculate the average weights of individual fish. These averages were then compared to the observer's visual estimated averages. The observer used his visual estimates where no numbers were given per species. In addition a thumb counter was used to tally the numbers transferred per string to compare with those declared by the LSPLV.

The CV did not use a hook scale during the deployment. The fullness of the hold was determined by taking measurements of the cargo hold after the transshipment and calculating the volume of the empty space.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels. All vessels were boarded.

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Yes	09/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	08/12/15
2			Yes	10/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	30/11/15
3			Yes	12/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	10/12/15
4			Yes	12/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/12/15
5			Yes	14/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	13/12/15
6			Yes	15/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/12/15
7			Yes	17/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	16/12/15
8			Yes	18/12/15	No	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	17/12/15
9			Yes	22/12/15	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	21/12/15
10			Yes	25/12/15	Yes	Yes	Unk	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	24/12/15
11			Yes	25/12/15	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Y	Yes	Yes	Yes	PB	24/12/15
12			Yes	26/12/15	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	25/12/15
13			Yes	27/12/15	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Y	Yes	Yes	Yes	PB	26/12/15
14			Yes	28/12/15	Yes	Yes	Yes	Yes	Yes	05/08/19	Yes	Y	Yes	Yes	Yes	PB	27/12/15
15			Yes	28/12/15	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Y	Yes	Yes	Yes	PB	27/12/15
16			Yes	29/12/15	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Y	Yes	Yes	Yes	EL	28/12/15
17			Yes	29/12/15	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	28/12/15
18			Yes	30/12/15	Yes	Yes	Yes	Yes	Yes	04/03/16	Yes	Y	Yes	Yes	Yes	PB	29/12/15
19			Yes	30/12/15	Yes	Yes	Unk	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	29/12/15

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
20			Yes	01/01/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	31/12/15
21			Yes	02/01/16	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Y	Yes	Yes	Yes	PB	01/01/16
22			Yes	06/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	05/01/16
23			Yes	13/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/01/16
24			Yes	14/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/01/16
25			Yes	14/01/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/01/16
26			Yes	15/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/01/16
27			Yes	15/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/01/16
28			Yes	16/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	15/01/16
29			Yes	18/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	17/01/16
30			Yes	26/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	20/01/16
31			Yes	26/01/16	Yes	Unk	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	25/01/16

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			<p>The LSPLV kept an electronic logbook. The pages were also printed and filed for inspection purposes.</p> <p>The LSPLV's ICCAT and IMO numbers were displayed on the side of the vessel.</p>
2			<p>The LSPLV kept an electronic logbook and pages were printed and kept in a file which was presented to the observer when he requested the logbook.</p> <p>The entries were not up to date; last entry was on the 30/11/ 2015.</p> <p>The LSPLV captain said he was going to update the logbook when the observer enquired about this. An updated page with the completed entries was sent to the CV an hour after the transshipment was completed.</p>
3			<p>The LSPLV kept an electronic logbook. The pages were also printed and kept in a file that was given to the observer when he asked for the logbook.</p> <p>The entries were not up to date. The last was on the 10/12/2015. The LSPLV captain said there were no activities carried out on the 11/12/2015.</p> <p>The LSPLV name was only displayed in XXX characters on the stern.</p>
4			<p>The LSPLV kept an electronic logbook. The log pages were also printed and kept together using a string. The log pages were presented to the observer when requesting the logbook.</p>
5			<p>The LSPLV kept an electronic logbook. A file was used to keep printed logsheets which were presented to the observer when he requested the logbook.</p>
6			<p>The LSPLV kept an electronic logbook. The pages were also printed and kept in a file which was presented to the observer when he requested the logbook.</p>
7			<p>The LSPLV kept an electronic logbook. The pages were printed and filed in an arch file. That file was presented to the observer when he requested the logbook.</p>
8			<p>The LSPLV displayed the name markings " XXX " on the bow and the stern of the ship. The ICCAT vessel list provided the name " XXX ".</p> <p>Figure 3 Bow markings of the LSPLV XXX The LSPLV logbook was electronic. The log pages were printed and kept in a file which was presented to the observer when he requested a logbook.</p>
9			<p>No comment.</p>

TS No.	Vessel Name	ICCAT No.	Comments
10			The vessel name as well as the National Registration Number (NRN) was not practically visible due to fouling on the hull. The vessel name could be verified by the name displayed on the stern. The NRN markings could not be verified.
11			No comment.
12			No comment.
13			No comment.
14			No comment.
15			No comment.
16			<p>The TAI 1 was adrift without engine power when the transshipment was conducted.</p> <p>The LSPLV kept an electronic logbook but the log entries were also completed by hand on the printed forms and kept in a binder as a logbook.</p> <p>The ATF presented to the observer during inspection was not yet valid for the current fishing period. It was only valid from the 01/01/2016 to the 31/12/2016. The observer specifically requested the ATF for the period before 01/01/2016. The LSTLV could not provide an ATF for a period before 01/01/2016.</p>
17			No comment.
18			No comment.
19			The LSPLV's NRN and name were not visible on the bow due to fouling on the hull. The vessel name could be verified on the stern of the LSPLV.
20			No comment.
21			The LSPLV did not have an English version of the ATF.

TS No.	Vessel Name	ICCAT No.	Comments
22			The LSPLV kept an electronic logbook. However the pages were also printed and completed by hand. The unbound pages were kept in a file which was presented to the observer, when he requested a logbook.
23			The LSPLV's logbook was electronic. The pages were printed and kept in a file which was presented to the observer when he requested the logbook.
24			The LSPLV's logbook was electronic. The pages were printed and kept in a file as the fishing logbook. The entries were not up to date; the last entry was on the 12/01/2016.
25			<p>The LSPLV's NRN was not displayed on the vessel. The board displaying the NRN was removed to allow the railings to be painted.</p> <p>The vessel kept an electronic logbook. The pages were printed and kept in a file. These unbound pages were produced when the observer requested the logbook during the inspection.</p> <p>The logbook entries were not up to date. The last entry was on the 12/01/2016 and the transshipment was conducted on the 14/01/2016.</p>
26			The vessel used an electronic logbook. The logbook pages were also printed and kept in a file that was presented to the observer when he requested the logbook.
27			The LSPLV kept an electronic logbook. The pages were also printed and kept in a file for inspection.
28			The vessel kept an electronic logbook. The logbook pages were also printed and kept in a file which was presented to the observer when he requested for the logbook.
29			The vessel kept an electronic logbook. The logbook pages were also printed and kept in a file which was presented to the observer when he requested for the logbook.
30			The LSPLV kept an electronic logbook. The pages were printed and kept in a file which was presented to the observer as logbook. The log entries were not up to date; the last entry was on the 20/01/2016. The LSPLV captain said he was going to fax the updated logbook to the CV in an hour. The updated log was not received.
31			The vessel kept an electronic logbook. The pages were printed and kept in file as

TS No.	Vessel Name	ICCAT No.	Comments
			a logbook, which was presented to the observer when he requested the logbook. The LSPLV displayed English and XXX names on the bow and only the XXX name on the stem of the ship. The XXX name on the bow did not concur with the XXX name on the stern. The XXX name on the bow included the numbers " XXX " and the name on the stern contained the numbers " XXX ". The LSPLV did not display the IRCS.

Table 10 PNC reports issued during the voyage

PNC No.	TS No.	Date	LSPLV	ICCAT No.	PNC1	PNC2	PNC3
1	1				LNB		
2	2				LNB	LND	
3	3				LNB	LND	
4	4				LNB		
5	5				LNB		
6	6				LNB		
7	7				LNB		
8	8				LNB		
9	16	29/12/15			LNB	OTH	
10	22	06/01/16			LNB		
11	23	13/01/16			LNB		
12	24	14/01/16			LNB	LND	
13	25	14/01/16			LNB	LND	IIM
14	26	15/01/16			LNB		
15	27	15/01/16			LNB		
16	28	16/01/16			LNB		
17	29	18/01/16			LNB		
18	30	26/01/16			LNB	LND	
19	31	26/01/16			LNB	IIM	

8.1 Verifying vessel name / RFMO number and National Registration Number.

The markings of the LSPLV XXX, (ICCAT number XXX) could not be verified as the markings were covered by fouling (Figure 4).

The bow markings of the LSPLV XXX (ICCAT number XXX) was covered by fouling and the vessel's NRN could not be verified (Figure 6).

The LSPLV XXX (ICCAT XXX) did not display the LSPLV's NRN.

The LSPLV, XXX displayed the name on the bow in Japanese characters with the number XXX instead of XXX which was displayed on the stern (Figure 8)

8.2 Issues with Fishing Licence, logbooks or VMS

The fishing licence (Figure 5) presented to the observer by the LSPLVXXX (ICCAT number XXX) was not yet valid on the date of the inspection (29/12/2015). The ATF authorised the XXXfor a period from 01/01/2016 to 31/12/2016.

All LSPLVs were fitted with functioning VMS systems.

9 Other Observer Tasks.

9.1 CV waste disposal

An incinerator was used to burn cardboard and paper. The CV made use of colour-coded bins to store different types. Red was for kitchen waste, however kitchen waste was grounded and disposed over the side on daily basis after plastics were separated. Blue was to be used for bottles and cans; yellow for plastic and green was for wood and planks. Big woven plastic bags were used as bin liners in the bottle and can and plastic compartments.



Figure 9 CV Incinerator (left) and waste disposal bin (right).

9.2 Unidentified or IUU vessels

No IUU vessels sighted for this deployment.

9.3 Marine Mammals.

No mammals sighted during this deployment.

Table 6 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
Nil	Nil	Nil	Nil	Nil	Nil	Nil

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices:

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		13/12/2015	15 29.279'S	007 45.048'E	Transferred dry cargo.
		13/12/2015	15 28.493'S	007 44.943'E	Transferred dry cargo and vegetables.
		18/12/2015	11 00.698'S	009 24.609'E	Transferred bait and fuel.
		19/12/2015	10 16.963'S	007 32.129'E	Transferred bait, fuel and vegetables.
		22/12/2015	05 11.069'S	006 57.270'W	Transferred bait and dry cargo.
		05/01/2016	08 36.416'N	025 18.602'W	Transferred bait and dry cargo.

Appendix 2 In-port transhipments

No	Name	RFMO No	Date	Latitude	Longitude	Bigeye	Yellowfin	Swordfish	Other	Total
01			09/01/2016	16 52.949'N	025 00.533'W	57.28	19.93	21.89	43.78	142.89
02			10/01/2016	16 52.949'N	025 00.533'W	61.90	3.70	6.40	41.41	113.41

Comments:

The CV arrived in Port Grande, Sao Vicente Island, Cape Verde at 08:13 local time on the 08/01/2016 and dropped anchor in position 16° 52.949'N and 025° 00.533'W. The purpose of the port-call was to bunker and tranship fish from two XXX flagged LSPLVs. Bunkering commenced same day at 09:00. The two transhipments were carried out on anchor position within port limits. The totals received, as per transhipment declarations, are listed in Appendix 2. Copies of the transhipment declaration (TD) were retained by the observer. The CV departed on the 11/01/2016 at 07:45 heading for fishing grounds.

ICCAT

Observer Report



Trip Number:	178/15
Vessel Name:	Taisei Maru No. 15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	B. Rose
Cruise Dates:	From: 17/12/2015 to 12/02/2016

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd. and Capfish, Barrie Rose (ICCAT No.26) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.15 (AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 17/12/2015 to 13/02/2016.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No. 15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3200 ton
Size (GRT):	4969 ton	Length (LOA):	124.25m
On-board acoustic equipment:	JRC – JFE 570S		
Position fixing equipment:	2 x JRC-Type jlr-7700mk2		
Vessel monitoring system (present/absent):	Present		
Radar:	1 x JMA-9833SA 1 x JMA-7700 series		
Communications equipment:	MF/HF: JRC JSS-800 2 x VHF: JRC JHS-32A Inmarsat F33, FB and C		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	NIL		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	17/12/2015
Method of embarkation*	Portside
Date of departure	17/12/2015
Date of first transshipment	22/12/2015
Date of last transshipment	07/02/2016
Date of return	13/02/2016
Date of disembarkation	13/02/2016
Method of disembarkation*	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 39 transshipments at sea. The locations are shown in detail in

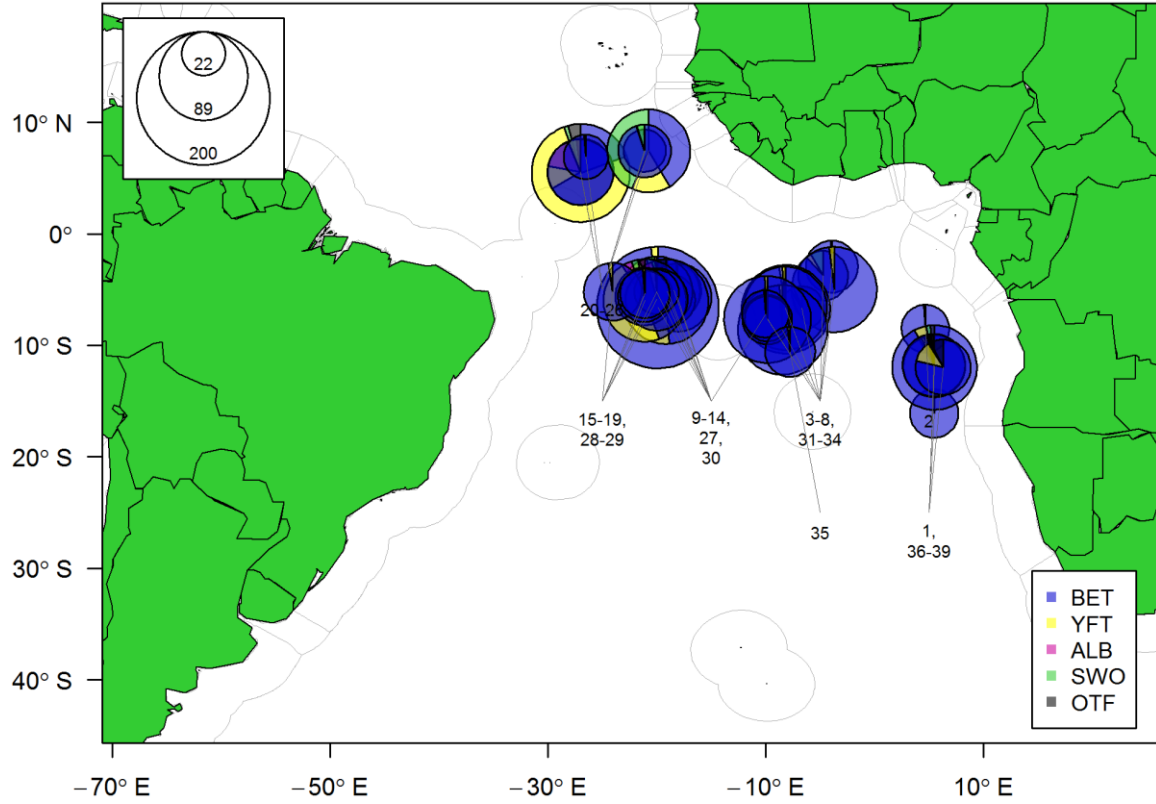


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

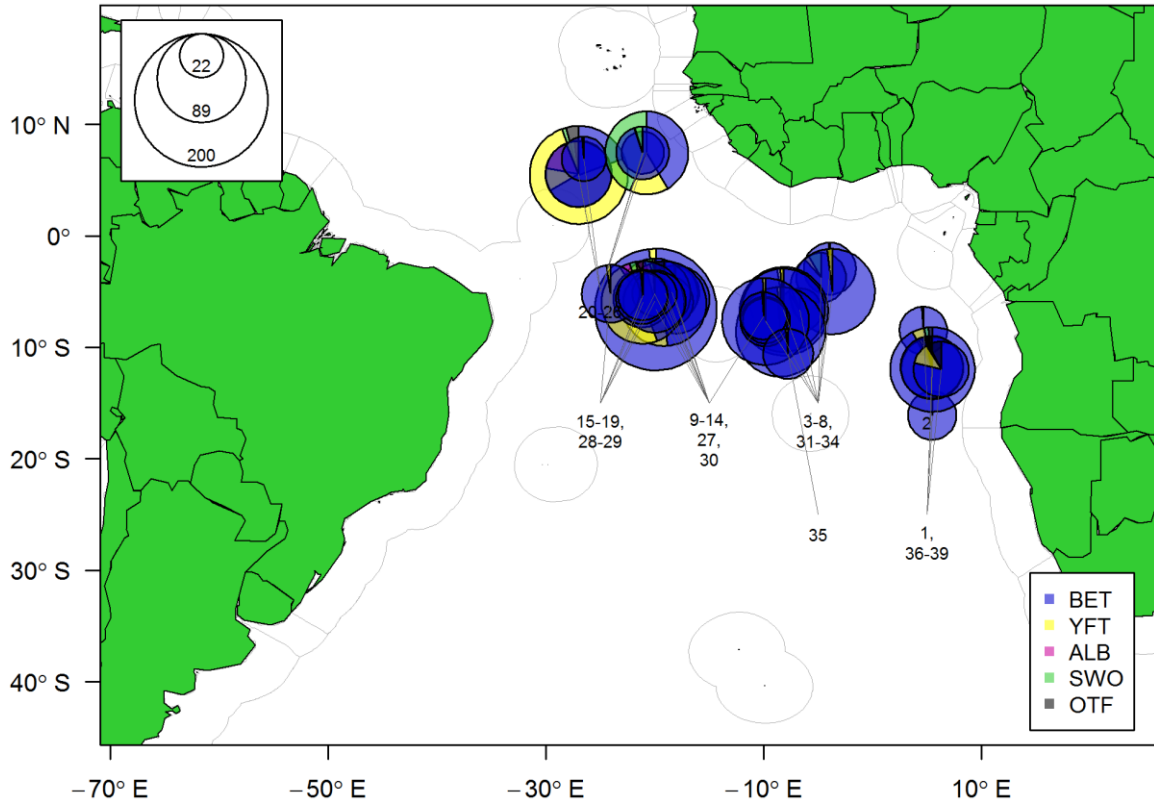


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	27
	11

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	22/12/15	16°07.027 S	005°27.561 E	06:25	100.00%
2				Yes	25/12/15	08°30.167 S	004°39.132 E	03:00	100.00%
3				Yes	27/12/15	02°56.3 S	003°56.452 W	02:30	100.00%
4				Yes	28/12/15	03°44.901 S	004°43.834 W	03:00	100.00%
5				Yes	29/12/15	04°59.741 S	003°43.142 W	01:00	100.00%
6				Yes	30/12/15	06°40.194 S	006°40.593 W	01:15	100.00%
7				Yes	31/12/15	06°45.807 S	008°09.622 W	01:50	100.00%
8				Yes	31/12/15	06°40.229 S	008°12.88 W	01:20	100.00%
9				Yes	01/01/16	07°10.694 S	010°01.922 W	00:50	100.00%
10				Yes	03/01/16	05°05.605 S	018°24.428 W	04:55	100.00%
11				Yes	04/01/16	05°09.488 S	019°00.365 W	01:00	100.00%
12				Yes	05/01/16	06°04.644 S	019°09.158 W	05:40	100.00%
13				Yes	06/01/16	05°56.131 S	018°54.115 W	03:35	100.00%
14				Yes	07/01/16	06°36.286 S	019°55.38 W	03:50	100.00%
15				Yes	08/01/16	05°52.86 S	020°01.366 W	04:25	100.00%
16				Yes	09/01/16	05°57.554 S	021°06.666 W	01:15	100.00%
17				Yes	10/01/16	05°37.002 S	021°10.678 W	01:00	100.00%
18				Yes	10/01/16	05°34.23 S	021°11.801 W	01:15	100.00%
19				Yes	11/01/16	05°20.544 S	021°06.609 W	07:50	100.00%
20				Yes	14/01/16	05°34.299 N	026°59.936 W	01:05	100.00%
21				Yes	14/01/16	05°32.229 N	027°01.525 W	02:30	100.00%
22				Yes	14/01/16	05°27.715 N	026°59.674 W	02:40	100.00%
23				Yes	15/01/16	06°54.889 N	026°31.143 W	01:05	100.00%
24				Yes	26/01/16	07°27.938 N	021°06.942 W	02:25	100.00%
25				Yes	26/01/16	07°26.186 N	021°07.742 W	03:05	100.00%
26				Yes	27/01/16	07°26.839 N	020°44.902 W	03:35	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
27				Yes	30/01/16	05°12.484 S	019°59.227 W	01:25	100.00%
28				Yes	30/01/16	05°11.412 S	020°01.684 W	01:40	100.00%
29				Yes	30/01/16	05°10.581 S	024°04.016 W	01:15	100.00%
30				Yes	31/01/16	05°42.878 S	018°07.438 W	01:10	100.00%
31				Yes	02/02/16	07°40.709 S	009°50.818 W	02:00	100.00%
32				Yes	02/02/16	07°41.632 S	009°52.063 W	01:15	100.00%
33				Yes	02/02/16	07°36.702 S	009°51.924 W	01:00	100.00%
34				Yes	03/02/16	08°35.974 S	008°27.744 W	01:25	100.00%
35				Yes	03/02/16	10°34.485 S	007°45.721 W	00:35	100.00%
36				Yes	06/02/16	11°58.616 S	005°29.99 E	03:40	100.00%
37				Yes	06/02/16	11°52.248 S	005°27.849 E	01:15	100.00%
38				Yes	06/02/16	11°47.033 S	005°25.195 E	01:25	100.00%
39				Yes	07/02/16	11°57.765 S	006°16.618 E	01:15	100.00%

Comments: All vessels were boarded and inspected

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	25.54	22.864	92.266	88.803	1.5	1.548	4.932	4.948	124.238	118.163	-6.08	-5.14%
2	35.232	35.506	5.772	5.973	1.516	2.084	10.077	9.809	52.597	53.372	0.77	1.45%
3	51.64	49.868	2.684	3.321	0	0	0	0	54.324	53.189	-1.14	-2.13%
4	33.322	35.121	7.726	12.694	39.026	36.741	0	0	80.074	84.556	4.48	5.30%
5	24.523	24	0.263	0.35	0	0	0	0	24.786	24.35	-0.44	-1.79%
6	22.09	21.886	0.114	0.114	0	0	0	0	22.204	22	-0.20	-0.93%
7	32.685	32.438	0.141	0.212	1.621	1.621	0	0	34.447	34.271	-0.18	-0.51%
8	32.657	33.092	0.29	0.232	0	0	0	0	32.947	33.324	0.38	1.13%
9	27.394	26.88	0.42	1.056	2.559	2.559	0	0	30.373	30.495	0.12	0.40%
10	91.118	87.729	1.22	1.775	0	0	0	0	92.338	89.504	-2.83	-3.17%
11	23.37	21.458	0.401	0.516	1.5	1.5	0	0	25.271	23.474	-1.80	-7.66%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
12	97.263	93.7	2.016	2.4	0	0	0	0	99.279	96.1	-3.18	-3.31%
13	83.915	84.5	1	1	0	0	0	0	84.915	85.5	0.58	0.68%
14	94.015	97.216	0.717	1.024	0	0	0	0	94.732	98.24	3.51	3.57%
15	92.737	91.823	0.772	0.987	0	0	0	0	93.509	92.81	-0.70	-0.75%
16	29.316	29.666	0.326	0.554	0	0	0	0	29.642	30.22	0.58	1.91%
17	25.489	25	0	0	0	0	0	0	25.489	25	-0.49	-1.96%
18	27.29	27.12	0.132	0.264	0	0	0	0	27.422	27.384	-0.04	-0.14%
19	179.99	178.927	2.693	3.183	0	0	0	0	182.683	182.11	-0.57	-0.31%
20	34.438	35	0.275	0.33	0	0	0	0	34.713	35.33	0.62	1.75%
21	49.126	50.086	0.392	0.534	0	0	0	0	49.518	50.62	1.10	2.18%
22	55.689	56.294	0.149	0.298	0	0	0	0	55.838	56.592	0.75	1.33%
23	32.513	32.348	0.968	1.307	0	0	0	0	33.481	33.655	0.17	0.52%
24	49.718	49.177	6.662	7.62	2.098	2.381	2.774	2.914	61.252	62.092	0.84	1.35%
25	43.348	42.881	35.71	36.079	0.935	1.056	7.499	7.978	87.492	87.994	0.50	0.57%
26	36.989	37.2	41.078	39.101	1.952	2.186	5.252	5.574	85.271	84.061	-1.21	-1.44%
27	40.479	40.191	0.45	0.65	0	0	0	0	40.929	40.841	-0.09	-0.22%
28	44.934	45.737	0.525	1.958	0	0	0	0	45.459	47.695	2.24	4.69%
29	25.295	23.939	0.299	0.299	0	0	0	0	25.594	24.238	-1.36	-5.59%
30	39.265	40	0.625	1	0	0	0	0	39.89	41	1.11	2.71%
31	33.144	32.748	0.208	0.26	0	0	0	0	33.352	33.008	-0.34	-1.04%
32	29.186	29.726	0.38	0.38	0	0	0	0	29.566	30.106	0.54	1.79%
33	28.238	27.7	0.2	0.3	0	0	0	0	28.438	28	-0.44	-1.56%
34	29.568	30.133	0.326	0.543	0	0	0	0	29.894	30.676	0.78	2.55%
35	28.531	28.6	0.127	0.169	0	0	0	0	28.658	28.769	0.11	0.39%
36	83.404	81.133	3.101	4.039	1.427	1.427	1.562	1.45	89.494	88.049	-1.44	-1.64%
37	43.598	43.878	0.409	0.642	0.27	0.27	2.238	2.362	46.515	47.152	0.64	1.35%
38	48.338	46.29	0.129	0.257	0.162	0.258	1.166	1.166	49.795	47.971	-1.82	-3.80%
39	30.565	29.497	3.254	4.588	0.428	0.499	2.845	2.845	37.092	37.429	0.34	0.90%

Comments:

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	8.73	0.41%	9.67	0.45%
Albacore	<i>Thunnus alalunga</i>	S	9.01	0.42%	8.70	0.41%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	4.58	0.21%	4.48	0.21%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	12.74	0.59%	12.76	0.60%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	1.77	0.08%	1.74	0.08%
Bigeye tuna	<i>Thunnus obesus</i>	All	1835.95	85.65%	1821.35	85.14%
Opah	<i>Lampris guttatus</i>	NE	0.90	0.04%	1.16	0.05%
Opah	<i>Lampris guttatus</i>	SE	2.14	0.10%	2.25	0.11%
Swordfish	<i>Xiphias gladius</i>	N	4.99	0.23%	5.62	0.26%
Swordfish	<i>Xiphias gladius</i>	S	50.01	2.33%	48.51	2.27%
Yellowfin tuna	<i>Thunnus albacares</i>	All	214.22	9.99%	224.81	10.51%

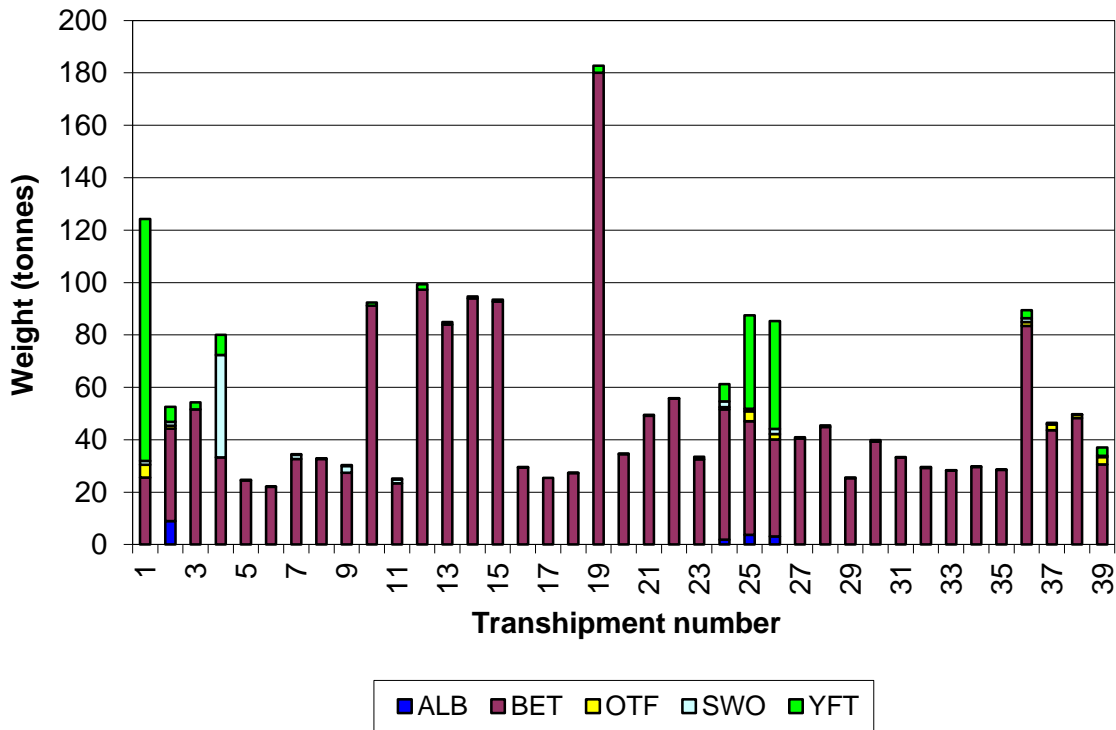


Figure 2 Proportions by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.32
Atlantic blue marlin	<i>Makaira nigricans</i>	95.19
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	10.52
Bigeye tuna	<i>Thunnus obesus</i>	56.45
Opah	<i>Lampris guttatus</i>	8.95
Swordfish	<i>Xiphias gladius</i>	55.95
Yellowfin tuna	<i>Thunnus albacares</i>	34.79

Comments:

Transshipment took place once the LSTLV was tied-up alongside the CV. The CV approached the starboard side of the stationary LSTLV and tied up with its portside side against the LSTLV. The observer recorded photographs of the LSTLV (side, bow, wheelhouse and stern) before the LSTLV tied-up.

Observations of transshipments were made from the CV crane deck where the LSTLV's working deck and the aerial travel of the string was clearly visible. In 19 transshipments the LSTLV winched bunches of fish from its hold onto its deck. In these cases a full count of tuna could be made while they lay on the LSTLV deck. One or more bunches then formed the string which was craned from the LSTLV deck into the CV cargo transporter or directly into the CV hold. The cargo transporter was a large bin with a capacity of approximately two tonnes which moved on rails along the cargo deck to access the CV's four holds.

During 20 transshipments the products were craned directly out of the LSTLV hold by the CV's winch. In these cases, time permitted a single count and estimate of species and numbers.

In most cases the LSTLV provided fish numbers which resulted in credible average weights. In two instances where unrealistic fish numbers were supplied the observer counts were utilized. The observer used prior experience to estimate carcass weights; during the voyage there were a limited number of opportunities to weigh individual carcasses to confirm the estimates. On many occasions the observer was able to use string weights where carcasses were of similar size to assist with average carcass weight estimates. Hook scale weights were recorded at the CV hold by an officer and supplied to the observer at the end of transshipment. These string weights were also used to confirm the number of strings transhipped.

7 Southern bluefin tuna transshipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type *	Last entry
1			Yes	22/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/12/15
2			Yes	25/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	24/12/15
3			Yes	27/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	26/12/15
4			Yes	28/12/15	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	27/12/15
5			Yes	29/12/15	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	PB	28/12/15
6			Yes	30/12/15	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	29/12/15
7			Yes	31/12/15	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	30/12/15
8			Yes	31/12/15	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	30/12/15
9			Yes	01/01/16	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	31/12/15
10			Yes	03/01/16	Yes	Yes	Yes	Yes	Yes	16/07/19	Yes	Yes	Yes	Yes	Yes	PB	03/01/16
11			Yes	04/01/16	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	02/01/16
12			Yes	05/01/16	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	03/01/16
13			Yes	06/01/16	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	06/01/16
14			Yes	07/01/16	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Yes	Yes	Yes	Yes	PB	06/01/16
15			Yes	08/01/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	08/01/16
16			Yes	09/01/16	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Yes	Yes	Yes	Yes	PB	08/01/16
17			Yes	10/01/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	09/01/16
18			Yes	10/01/16	Yes	Yes	Yes	Yes	Yes	17/09/18	Yes	Yes	Yes	Yes	Yes	PB	09/01/16
19			Yes	11/01/16	Yes	Yes	Yes	Yes	Yes	05/11/16	Yes	Yes	Yes	Yes	Yes	PB	11/01/16

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type *	Last entry
20			Yes	14/01/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	13/01/16
21			Yes	14/01/16	Yes	Yes	Yes	Yes	Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	PB	13/01/16
22			Yes	14/01/16	No	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/01/16
23			Yes	15/01/16	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Yes	Yes	Yes	Yes	PB	14/01/16
24			Yes	26/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	25/01/16
25			Yes	26/01/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	25/01/16
26			Yes	27/01/16	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	PU	26/01/16
27			Yes	30/01/16	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	30/01/16
28			Yes	30/01/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	29/01/16
29			Yes	30/01/16	Yes	Yes	Yes	Yes	Yes	22/10/16	Yes	Yes	Yes	Yes	Yes	PB	29/01/16
30			Yes	31/01/16	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	30/01/16
31			Yes	02/02/16	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	01/02/16
32			Yes	02/02/16	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	31/01/16
33			Yes	02/02/16	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	PB	01/02/16
34			Yes	03/02/16	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	02/02/16
35			Yes	03/02/16	Yes	Yes	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	02/02/16
36			Yes	06/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/02/16
37			Yes	06/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/02/16
38			Yes	06/02/16	Yes	Unk	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/02/16
39			Yes	07/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	06/02/16

Comments.

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			The logbook presented to the observer was printed but not bound. The logbook was completed up to 21/12/2015 and the last page was numbered "43-①".
2			The logbook presented to the observer was printed but not bound. The logbook was completed up to 24/12/2015 and the last page was numbered "39-①".
3			The logbook presented to the observer was printed but not bound. The logbook was completed up to 27/12/2015 and the last page was numbered "11-1"(with the "11" circled together).
4			The logbook presented to the observer was printed but not bound. The logbook was completed up to 27/12/2015 and the last page was numbered "11-③".
5			The name on the stern of the vessel was partially obscured by squid ink.
6			No comment
7			No comment
8			No comment
9			No comment
10			No comment
11			No comment
12			No comment
13			No comment.
14			No comment.
15			No comment.
16			No comment.
17			The name on bow was partially obscured by algae growth.
18			No comment.
19			No comment.
20			No comment.
21			No comment.
22			The LSPLV was displayed the name " XXX ". The ICCAT vessel list provided the name as " XXX " The LSPLV did not display the National Registration Number (NRN).

TS No.	Vessel Name	ICCAT No.	Comments
23			No comment.
24			The logbook presented to the observer was printed but not bound. The logbook was completed up to 25/01/2016 and the last page was numbered "4-1".
25			The logbook presented to the observer was printed but not bound. The logbook was completed up to 25/01/2016 and the last page was numbered "33-①".
26			The logbook presented to the observer was printed but not bound. The logbook was completed up to 26/01/2016 and the last page was numbered "26-①".
27			No comment
28			The name displayed of the bow of the LSPLV was partially obscured by fouling on the hull of the vessel.
29			No comment.
30			No comment.
31			No comment.
32			No comment.
33	Unknown vessel	Unknown	The vessel name on the stern was obscured by squid ink.
34			No comment.
35			No comment.
36			The logbook presented to the observer was printed but not bound. The logbook was completed up to 05/02/2016 and the last page was numbered "1-1".
37			The logbook presented to the observer was printed but not bound. The logbook was completed up to 05/02/2016 and the last page was numbered "51-①".
38			The LSPLV did not display the IRCS or the NRN. The logbook presented to the observer was printed but not bound. The logbook was completed up to 05/02/2016 and the last page was numbered "47-①".
39			The logbook presented to the observer was printed but not bound. The logbook was completed up to 06/02/2016 and the last page was numbered "51-①".

Table 8 PNC reports issued during the voyage

TS No	Date	LSPLV	ICCAT No.	PNC
1	22/12/15			LNB
2	25/12/15			LNB

TS No	Date	LSPLV	ICCAT No.	PNC
3	27/12/15			LNB
4	28/12/15			LNB
24	26/01/16			LNB
25	26/01/16			LNB
26	27/01/16			LNB
36	06/02/16			LNB
37	06/02/16			LNB
38	06/02/16			LNB and IMM
39	07/02/16			LNB

8.1 Verifying vessel name / RFMO number and National Registration Number.

The observer was able to identify all the LSPLVs transhipped.

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs were fitted with functioning VMS units and produced in-date Authorisation to fish documents.

9 Other Observer Tasks.

9.1 CV waste disposal

The kitchen waste was daily disposed of at sea whenever the CV was out of the port. Combustible waste was incinerated while plastic, tins and glass were stored in marked drums for disposal ashore.

9.2 Unidentified or IUU vessels

No IUU or unidentified vessels were sighted

9.3 Marine mammals.

The observer frequently searched for marine life when the CV was not transhipping. The sightings are summarised in Table 9.

Table9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
17/12/2015	12:00	34°15'S	17°30'E	Heaviside's Dolphin (<i>Cephalorhynchus heavisidii</i>)	5	Cruising 200m off.
17/12/2015	15:00	33°29'S	17°54'E	Humpback Whale (<i>Megaptera novaeanglia</i>)	2	Cow and calf at 500m
18/12/2015	17:05	27°46'S	13°43'E	Sperm Whale (<i>Physeter macrocephalus</i>)	1	Bull blew 3 times before diving.
18/12/2015	18:00	27°34'S	13°33'E	Sperm Whale (<i>Physeter macrocephalus</i>)	5	Females and young hyperventilating after surfacing.
19/12/2015	16:00	23°02'S	10°29'E	Unid. Beaked Whale (<i>Mesoplodon</i> sp.)	3+	Breaching at 1 mile.
20/12/2015	16:15	20°10'S	09°05'E	Southern Bottlenose Whale (<i>Hyperoodon planifrons</i>)	ca 5	Breaching at 800m (photographed)
26/12/2015	17:40	05°10'S	00°41'W	Unid. Beaked Whale (<i>Mesoplodon</i> sp.)	1	Surfaced 200m from vessel. No head detail seen.
28/12/2015	15:05	04°19'S	04°21'W	Sperm Whale	1	1 Mile from

Date	Time	Lat	Lon	Species	Abundance	Behaviour
				<i>(Physeter macrocephalus)</i>		vessel, hyperventilating.
28/12/2015	16:35	04°41'S	04°07'W	Sperm Whale <i>(Physeter macrocephalus)</i>	1	½ Mile from vessel, 4 blows before diving.
05/01/2016	09:35	06°04'S	06°44'S	Short-finned Pilot Whale <i>(Globicephala macrorhynchus)</i>	30+	Loafing around vessel during transshipment.
08/01/2016	15:55	05°58'S	20°38'W	Unid. 'Stennella' type Dolphins <i>(Stenella sp)</i>	10+	Too far off to ID
09/01/2016	08:45	05°57'S	21°06'W	Rough-toothed Dolphin (Steno bredanensis)	15+	Loafing around vessel during transshipment.
12/01/2016	14:30	00°31'S	23°56'W	Clymene Dolphin <i>(Stenella clymene)</i>	100+	Moving at speed.
12/01/2016	16:40	00°06'S	24°10'W	Unid. Beaked Whale <i>(Mesoplodon sp.)</i>	1	50m from bow, no head detail seen
12/01/2016	17:45	00°10'N	24°19'W	Unid. 'Stennella' type Dolphins <i>(Stenella sp)</i>	500+	Big school moving at speed. Too distant to ID.
13/01/2016	08:30	03°18'N	25°52'W	Unid. 'Stennella' type Dolphins <i>(Stenella sp)</i>	20+	At 200m but into sun. No ID as Clymene/Spinner confusion is possible if detail not seen!
13/01/2016	15:10	04°33'N	24°55'W	Unid. Beaked Whale <i>(Mesoplodon sp.)</i>	3	Loafing on surface at distance too great for ID.
15/01/2016	14:25	08°16'N	26°21'W	Melon-headed Whale <i>(Peponocephala electra)</i>	100+	Streamed passed vessel; within 100m rising infrequently to breathe. Photographed
24/01/2016	08:30	16°30'N	25°04'W	Short-finned Pilot Whale <i>(Globicephala macrorhynchus)</i>	5	Idling 300m off bow.
24/01/2016	09:00	16°30'N	24°56'W	Pantropical Spotted Dolphin <i>(Stenella attenuata)</i>	15+	Cruising 200m off.
24/01/2016	13:05	15°37'N	24°23'W	Sperm Whale <i>(Physeter macrocephalus)</i>	1	One blow, showed tail as it dived.
29/01/2016	07:25	01°09'NS	19°57'W	Unid. 'Stennella' type Dolphins <i>(Stenella sp)</i>	20+	Too distant to ID.
03/02/2016	15:40	10°17'S	07°48'W	Unid. Beaked Whale <i>(Mesoplodon sp.)</i>	1	Breached 3 times but no detail recorded.
04/02/2016	14:30	11°07'S	02°45'W	Sperm Whale <i>(Physeter macrocephalus)</i>	7	Loose pod spread over 5 miles.

Date	Time	Lat	Lon	Species	Abundance	Behaviour
10/02/2016	17:00	26°38'S	14°04'E	Southern Right Whale Dolphin (<i>Lissodelphis peronii</i>)	500+	Spectacular display of acrobatics at less than 1 mile.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix1 In-Port Transhipments

#	Vessel	ICCAT Reference no	Call sign	Date	Position	ICCAT Ref. No	Total (t)
1				17.01.2016	St. Vincent		98.820
2				18.01.2016	St. Vincent		91.011
3				19.01.2016	St. Vincent		127.248
4				20.01.2016	St. Vincent		102.410
5				21.01.2016	St. Vincent		145.436
6				22.01.2016	St. Vincent		114.346
7				23.01.2016	St. Vincent		83.917

Appendix 2 Cargo and bait transhipments (Non ICCAT)

#	DATE	LSTLV NAME	ICCAT REF. No.	CALL SIGN	TRANSHIPED
1	20.12.2015				Cargo
2	20.12.2015				Cargo, Bait
3	21.12.2015				Cargo, Bait, Fuel
4	21.12.2015				Cargo, Bait
5	22.12.2015				Cargo, Bait, Fuel
6	24.12.2015				Cargo, Bait, Fuel
7	25.12.2015				Cargo, Bait, Fuel
8	26.12.2015				Cargo, Bait, Fuel
9	31.12.2015				Cargo, Bait
10	07.01.2016				Cargo, Bait
11	29.01.2016				Fuel

ICCAT

Observer Report



Trip Number:	179/16
Vessel Name:	Chitose
ICCAT Ref. No.	AT000SGP00001
Observer Name:	Rebeca Ocon
Cruise Dates:	From: 27/01/2016 To: 23/03/2016

1 Cruise Summary

In accordance with the bilateral agreement between Wang Tat Corporation PTE LT and MRAG, Rebeca Ocon (ROP no. 124) joined the Japanese registered Carrier Vessel (CV) Chitose (RFMO No AT000SGP00001) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 27/01/2016 to 23/03/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chitose	Call sign:	9V6110
Port of registration:	Singapore	Flag State:	Singapore
Owner:	Wang Tat Corporation PTE LT	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	283,244CFT
Size (GRT):	6,534	Length (LOA):	134.15 m
Position fixing equipment:	Bridge		
Vessel monitoring system (present/absent):	Present		
Radar:	Furuno RCN-004		
Communications equipment:	HF, MF, VHF, INMARSAT, NAVTEX		
Plotters:	Furuno GP 150		
Tuna products already on board (Quantity)	Y (890 T)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Walvis Bay, Namibia
Date of embarkation	27/01/2016
Method of embarkation*	Observer remained onboard after a previous deployment in IOTC.
Date of departure	27/01/2016
Date of first transshipment	01/02/2016
Date of last transshipment	12/03/2016
Date of return	23/03/2016
Date of disembarkation	23/03/2016
Method of disembarkation*	In port (by launch)
Port of return	Colón, Panama

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 47 transshipments at sea, the locations are shown in detail in

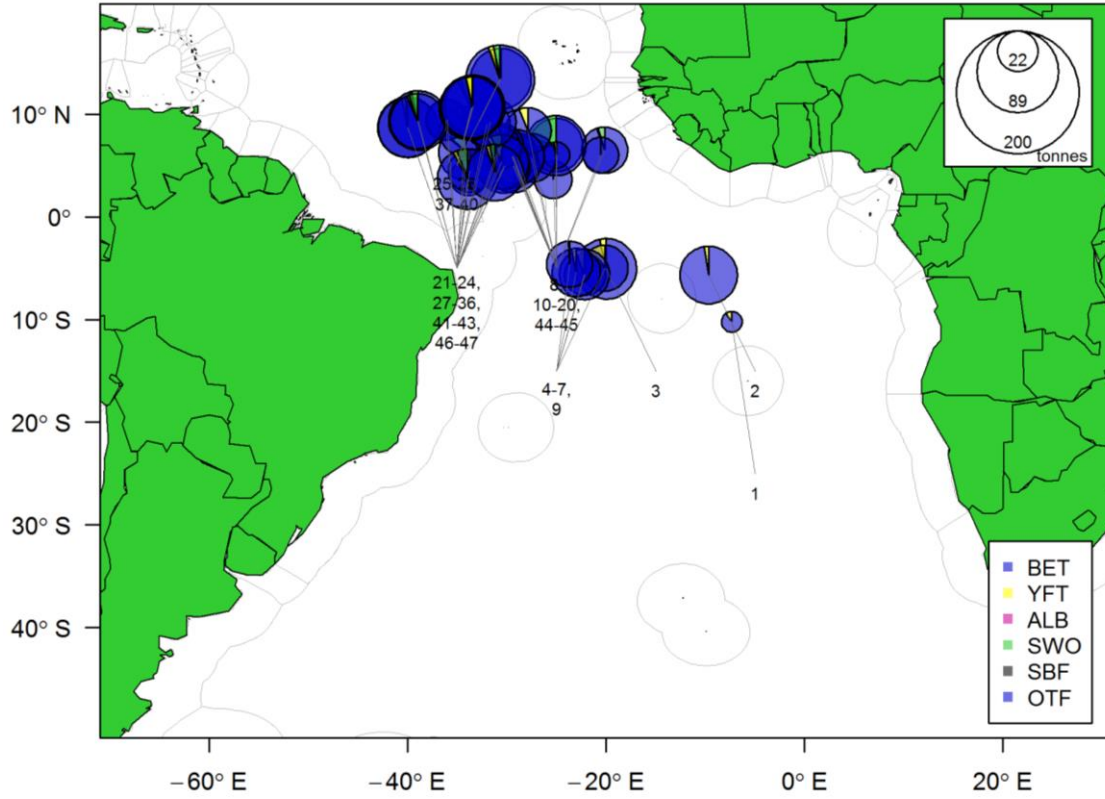


Figure 1. The numbers received by nationality of vessel are given in Table 1.

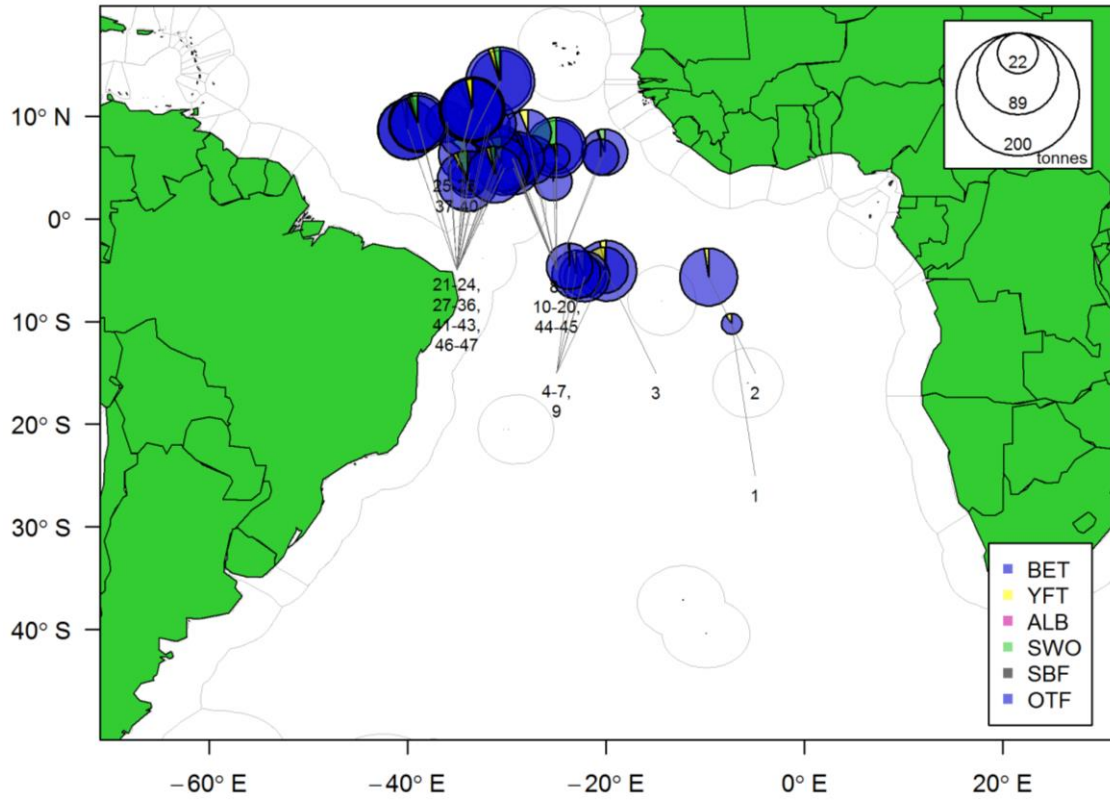


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	13
	23
	9
	2

Comments: In addition, 7 non ROP transhipments were carried out (Table 9).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Obs
1				Y	01/02/2016	10°12.913 S	007°19.376 W	01:20	100%
2				Y	02/02/2016	05°39.995 S	009°40.483 W	02:55	100%
3				Y	05/02/2016	05°03.388 S	019°59.106 W	03:26	100%
4				Y	05/02/2016	05°00.055 S	020°07.072 W	02:59	100%
5				Y	06/02/2016	05°37.532 S	022°07.008 W	00:37	100%
6				Y	06/02/2016	05°36.646 S	022°10.94 W	02:04	100%
7				Y	07/02/2016	05°25.185 S	023°00.09 W	02:41	100%
8				Y	09/02/2016	03°36.592 N	025°19.875 W	02:47	100%
9				Y	10/02/2016	04°36.651 S	023°41.114 W	02:04	100%
10				Y	11/02/2016	06°30.175 N	020°08.206 W	00:33	100%
11				Y	13/02/2016	06°59.699 N	025°02.141 W	02:00	100%
12				Y	13/02/2016	06°56.265 N	025°03.688 W	02:49	100%
13				Y	14/02/2016	06°00.944 N	024°58.468 W	02:20	100%
14				Y	15/02/2016	06°00.9 N	020°31.3 W	03:06	100%
15				Y	16/02/2016	05°44.507 N	027°30.094 W	03:45	100%
16				Y	17/02/2016	05°54.849 N	029°20.892 W	03:20	100%
17				Y	17/02/2016	05°51.822 N	029°24.333 W	03:15	100%
18				Y	17/02/2016	05°49.675 N	029°28.523 W	01:26	100%
19				Y	18/02/2016	04°58.301 N	029°14.871 W	03:19	100%
20				Y	18/02/2016	04°52.496 N	029°20.878 W	03:10	100%
21				Y	19/02/2016	04°59.628 N	030°10.996 W	05:57	100%
22				Y	19/02/2016	04°53.328 N	030°19.081 W	06:20	100%
23				Y	20/02/2016	06°56.941 N	030°31.135 W	02:21	100%
24				Y	21/02/2016	06°44.774 N	030°50.207 W	01:57	100%
25				Y	23/02/2016	13°27.335 N	030°35.427 W	04:27	100%
26				Y	23/02/2016	13°23.369 N	030°41.044 W	03:02	100%
27				Y	25/02/2016	09°28.361 N	035°58.785 W	03:12	100%
28				Y	25/02/2016	09°24.12 N	036°08.86 W	03:44	100%
29				Y	27/02/2016	06°15.033 N	034°03.616 W	01:43	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Obs
30				Y	28/02/2016	03°48.5 N	033°51.98 W	03:43	100%
31				Y	28/02/2016	03°41.178 N	033°57.459 W	03:00	100%
32				Y	29/02/2016	04°28.86 N	033°42.786 W	04:40	100%
33				Y	02/03/2016	08°42.825 N	039°58.278 W	03:19	100%
34				Y	02/03/2016	08°41.383 N	039°58.577 W	04:45	100%
35				Y	03/03/2016	09°22.452 N	038°54.869 W	05:28	100%
36				Y	03/03/2016	09°18.888 N	038°59.297 W	04:20	100%
37				Y	05/03/2016	10°50.848 N	033°22.388 W	04:32	100%
38				Y	05/03/2016	10°41.76 N	033°25.679 W	04:11	100%
39				Y	06/03/2016	10°40.194 N	033°30.437 W	04:05	100%
40				Y	06/03/2016	10°32.224 N	033°37.811 W	10:06	100%
41				Y	08/03/2016	08°17.947 N	034°13.682 W	03:36	100%
42				Y	09/03/2016	09°02.133 N	032°00.301 W	02:25	100%
43				Y	09/03/2016	09°13.51 N	031°37.673 W	01:35	100%
44				Y	10/03/2016	08°23.19 N	027°50.673 W	03:26	100%
45				Y	11/03/2016	05°49.848 N	028°59.146 W	02:33	100%
46				Y	12/03/2016	05°21.522 N	030°32.761 W	03:33	100%
47				Y	12/03/2016	04°18.039 N	031°10.57 W	00:55	100%

Comments:

All transshipments were observed and all vessels were inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	35.92404	33.413	0	0	0	0	0	0	35.92404	33.413	-2.51	-7.52
2	52.0884	47.438	0.55889	0.503	2.9188	2.408	0	0	55.56609	50.349	-5.22	-10.36
3	53.57077	52.037	0.795	0.742	16.509696	14.188	0	0	70.875466	66.967	-3.91	-5.84
4	66.550824	63.109	0.188	0.141	22.394559	21.901	0	0	89.133383	85.151	-3.98	-4.68
5	16.322913	15.461	0.681421	0.629	0	0	0	0	17.004334	16.09	-0.91	-5.68
6	31.32	30	0	0	0	0	0	0	31.32	30	-1.32	-4.40
7	60.473196	54.847	0.898586	0.804	0	0	0	0	61.371782	55.651	-5.72	-10.28

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
8	54.678153	47.615	1.489719	1.264	0	0	0	0	56.167872	48.879	-7.29	-14.91
9	55.377332	54.3	0.98422	0.935	3.504186	2.9	0	0	59.865738	58.135	-1.73	-2.98
10	0	0	10.762752	9.924	0	0	0	0	10.762752	9.924	-0.84	-8.45
11	42.459424	39.399	6.812612	6.293	0	0	0	0	49.272036	45.692	-3.58	-7.84
12	62.025622	58.56	5.4287	5.103	0	0	0	0	67.454322	63.663	-3.79	-5.96
13	51.321032	46.91	3.299988	3.3	0	0	0	0	54.62102	50.21	-4.41	-8.79
14	37.757664	36.592	30.164871	29.235	2.149719	1.824	2.90498	2.375	72.977234	70.026	-2.95	-4.21
15	60.350289	53.08	2.620576	2.293	0	0	0	0	62.970865	55.373	-7.60	-13.72
16	68.332672	64.603	0.84444	0.76	0	0	0	0	69.177112	65.363	-3.81	-5.84
17	63.94033	62.736	0.616421	0.569	10.78361	9.515	0	0	75.340361	72.82	-2.52	-3.46
18	31.852968	30.113	0	0	0	0	0	0	31.852968	30.113	-1.74	-5.78
19	48.63757	44.639	0.668565	0.624	0	0	0	0	49.306135	45.263	-4.04	-8.93
20	47.627657	44.985	1.161109	1.1	0	0	0	0	48.788766	46.085	-2.70	-5.87
21	85.103604	84.814	1.370052	1.332	0	0	0	0	86.473656	86.146	-0.33	-0.38
22	85.848552	80	1.599984	1.5	1.448265	1.2	0	0	88.896801	82.7	-6.20	-7.49
23	40.668699	37.567	1.193475	1.098	0	0	0	0	41.862174	38.665	-3.20	-8.27
24	37.872653	36.537	1.336748	1.289	0	0	0	0	39.209401	37.826	-1.38	-3.66
25	56.435932	54.303	0.93642	0.874	3.766624	1.726	1.692492	1.491	62.831468	58.394	-4.44	-7.60
26	41.326698	38.716	4.831194	4.517	2.766912	2.047	5.806768	4.839	54.731572	50.119	-4.61	-9.20
27	80.755388	79.199	0.99112	0.953	3.200089	3.132	0	0	84.946597	83.284	-1.66	-2.00
28	67.465485	66.867	1.028	1.028	3.7802	3.629	0	0	72.273685	71.524	-0.75	-1.05
29	45.382148	41.87	1.8924	1.743	0	0	0	0	47.274548	43.613	-3.66	-8.40
30	67.324416	63.742	1.921282	1.796	4.279984	4.349	0	0	73.525682	69.887	-3.64	-5.21
31	60.994912	56.551	2.257	2.072	2.15663	2.095	0	0	65.408542	60.718	-4.69	-7.73
32	82.372936	79.534	2.143071	2.041	5.242272	4.941	0	0	89.758279	86.516	-3.24	-3.75
33	73.449447	70.445	1.937097	1.864	2.451168	2.315	0	0	77.837712	74.624	-3.21	-4.31
34	88.992348	81.336	1.733472	1.589	3.229798	3.3	0	0	93.955618	86.225	-7.73	-8.97
35	108.575158	105.021	3.1146	2.99	3.8055	3.483	0	0	115.495258	111.494	-4.00	-3.59
36	89.547486	87.019	1.40844	1.338	5.892779	5.032	0	0	96.848705	93.389	-3.46	-3.70

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
37	87.63993	75.644	3.98079	3.438	0	0	0	0	91.62072	79.082	-12.54	-15.86
38	96.64704	93.027	3.607872	3.482	0	0	0	0	100.254912	96.509	-3.75	-3.88
39	90.892289	86.256	4.0706604	3.053	0	0	0	0	94.9629494	89.309	-5.65	-6.33
40	150.02512	76.121	4.039354	1.997	0	0	0	0	154.064474	78.118	-75.95	-97.22
41	88.251612	83.621	3.14573	2.966	0	0	0	0	91.397342	86.587	-4.81	-5.56
42	43.35408	43.268	7.10881	7.032	0	0	0	0	50.46289	50.3	-0.16	-0.32
43	41.647536	40	0	0	0	0	0	0	41.647536	40	-1.65	-4.12
44	52.230884	56.2	3.25584	3.5	0	0	0	0	55.486724	59.7	4.21	7.06
45	47.898688	53.177	1.63604	1.823	0	0	0	0	49.534728	55	5.47	9.94
46	38.98398	49.547	0.33975	0.453	0	0	0	0	39.32373	50	10.68	21.35
47	9.135	9.135	1.035	1.035	0	0	0	0	10.17	10.17	0.00	0.00

Comments:

During transshipments 2, 7, 8, 15, 40 and 46, the difference between declared and observed weights was greater than 10%. In all cases, the observer considered the observed estimate to be accurate and the differences between observed and declared figures to be genuine.

During transshipment 40, the declared amount was scheduled to fit into a single hold, but instead needed to be placed into an additional hold.

During transshipment 46, the observers estimate was less than that declared. The holds were filled during transshipment and not all declared products were transhipped. However, the transshipment declaration was not adjusted to reflect this. The average weights of the observed products also appeared to both the observer and the CV captain to be very different from those declared

6 Species and weight transferred

The vessel contained 890 T of tuna products at the start of the reporting period. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	1.04	0.03	0.83	0.03
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.01	0.16	4.55	0.16
Bigeye tuna	<i>Thunnus obesus</i>	All	2799.43	92.09	2609.35	92.23
Striped marlin	<i>Tetrapturus audax</i>	All	0.02	0.00	0.02	0.00
Swordfish	<i>Xiphias gladius</i>	All	96.78	3.18	87.09	3.08
Swordfish	<i>Xiphias gladius</i>	S	3.50	0.12	2.90	0.10
Tunas nei	Thunnini	All	0.85	0.03	0.85	0.03
Various sharks nei	Selachimorpha (Pleurotremata)	All	3.48	0.11	2.44	0.09
Yellowfin tuna	<i>Thunnus albacares</i>	All	129.89	4.27	121.02	4.28

Figure 2 Proportions, by weight, of fish species transferred by transshipment.

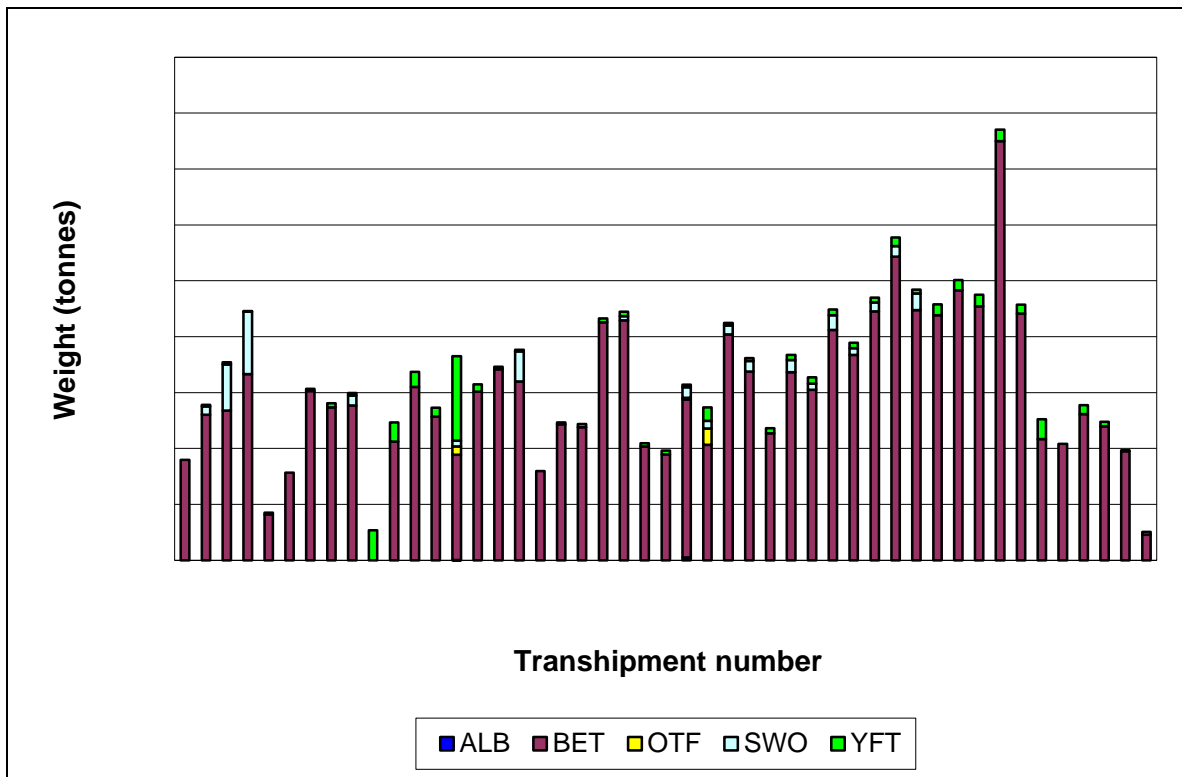


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	18.49
Atlantic blue marlin	<i>Makaira nigricans</i>	78.30
Bigeye tuna	<i>Thunnus obesus</i>	46.77
Striped marlin	<i>Tetrapturus audax</i>	23.00
Swordfish	<i>Xiphias gladius</i>	63.87
Tunas nei	Thunnini	25.00
Various sharks nei	Selachimorpha (Pleurotremata)	20.74
Yellowfin tuna	<i>Thunnus albacares</i>	42.77
Albacore	<i>Thunnus alalunga</i>	18.49

Comments:

Albacore (*T. alalunga*) was transhipped as rounded weight. Atlantic blue marlin (*M. nigricans*), bigeye tuna (*T. obesus*), striped marlin (*T. audax*) and yellowfin tuna (*T. albacares*) were transhipped as gilled and gutted. Swordfish (*X. gladius*) were transhipped as fillets or dressed product. A small quantity of shark fin and fillets (various species) were transhipped.

Throughout the deployment weights were estimated using the average weight for each species as per the transshipment declaration.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	01/02/16	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Y	Yes	Yes	Yes	PB	31/01/2016
2			Yes	02/02/16	Yes	Yes	Yes	Yes	Yes	04/11/17	Yes	Y	Yes	Yes	Yes	PB	01/02/2016
3			Yes	05/02/16	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Y	Yes	Yes	Yes	PU	04/02/2016
4			Yes	05/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	03/02/2016
5			Yes	06/02/16	Yes	Yes	Yes	Yes	Yes	18/08/19	Yes	Y	Yes	Yes	Yes	PB	06/02/2016
6			Yes	06/02/16	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Y	Yes	Yes	Yes	PB	05/02/2016
7			Yes	07/02/16	Yes	Yes	Yes	Yes	Yes	26/05/17	Yes	Y	Yes	Yes	Yes	PB	06/02/2016
8			Yes	09/02/16	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Y	Yes	Yes	Yes	PB	08/02/2016
9			Yes	10/02/16	Yes	Yes	Yes	Yes	Yes	26/10/19	Yes	Y	Yes	Yes	Yes	PB	10/02/2016
10			Yes	11/02/16	Yes	Yes	Yes	Yes	Yes	10/07/18	Yes	Y	Yes	Yes	Yes	PB	10/02/2016
11			Yes	13/02/16	Yes	Yes	Yes	Yes	Yes	28/04/16	Yes	Y	Yes	Yes	Yes	PB	12/02/2016
12			Yes	13/02/16	Yes	Yes	Yes	Yes	Yes	02/08/16	Yes	Y	Yes	Yes	Yes	PB	13/02/2016
13			Yes	14/02/16	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Y	Yes	No	Yes	PB	14/02/2016
14			Yes	15/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	15/02/2016
15			Yes	16/02/16	Yes	Yes	Unk	Yes	Yes	24/01/17	Yes	Y	Yes	Yes	Yes	PB	16/02/2016
16			Yes	17/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/02/2016
17			Yes	17/02/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/02/2016
18			Yes	17/02/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	16/02/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
19			Yes	18/02/16	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	18/02/2016
20			Yes	18/02/16	Yes	Yes	Yes	Yes	Yes	16/07/19	Yes	Y	Yes	Yes	Yes	PB	18/02/2016
21			Yes	19/02/16	Yes	Yes	Unk	Yes	Yes	01/11/16	Yes	Y	Yes	No	Yes	PU	18/02/2016
22			Yes	19/02/16	Yes	Yes	Yes	Yes	Yes	15/10/19	Yes	Y	Yes	Yes	Yes	PB	18/02/2016
23			Yes	20/02/16	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Y	Yes	Yes	Yes	PB	19/02/2016
24			Yes	21/02/16	Yes	Yes	Yes	Yes	Yes	08/08/16	Yes	Y	Yes	Yes	Yes	PB	20/02/2016
25			Yes	23/02/16	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Y	Yes	Yes	Yes	PU	22/02/2016
26			Yes	23/02/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	22/02/2016
27			Yes	25/02/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	24/02/2016
28			Yes	25/02/16	Yes	Yes	Unk	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	24/02/2016
29			Yes	27/02/16	Yes	Yes	Yes	Yes	Yes	03/12/16	Yes	Y	Yes	Yes	Yes	PB	27/02/2016
30			Yes	28/02/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	27/02/2016
31			Yes	28/02/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	27/02/2016
32			Yes	29/02/16	Yes	Yes	Unk	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	28/02/2016
33			Yes	02/03/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/03/2016
34			Yes	31/03/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	01/03/2016
35			Yes	03/03/16	Yes	Yes	Unk	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	02/03/2016
36			Yes	03/03/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/03/2016
37			Yes	05/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/03/2016
38			Yes	05/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/03/2016
39			Yes	06/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/03/2016
40			Yes	06/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/03/2016
41			Yes	08/03/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	08/03/2016
42			Yes	09/03/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	09/03/2016
43			Yes	09/03/16	Yes	Yes	Yes	Yes	Yes	11/10/17	Yes	Y	Yes	Yes	Yes	PB	08/03/2016
44			Yes	10/03/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	10/03/2016

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
45			Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Y	Yes	No	Yes	PB	10/03/2016
46			Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	01/11/16	Yes	Y	Yes	N/A	Yes	PU	10/03/2016
47			Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	10/03/2016

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments:

Table 7 Comments from inspections

No.	Comments
3	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
4	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
13	PNC regarding VMS was generated. No power light visible on the VMS unit. LSPLV Master explained to the observer that the light was turned off but it is working.
14	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
15	The vessel name on the bow was not visible. However, no PNC was generated at the time.
16	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
17	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
21	PNC regarding logbook was generated. Logbook was not bound or numbered. The VMS in use was a pole star, which has no internal unit and light to be verified.
25	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
26	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
42	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
45	PNC regarding VMS was generated. There were no power lights visible on any of the VMS units.
46	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.
47	PNC regarding logbook was generated. Logbook was not bound, and sheets were not numbered.

The observer made 13 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
3			1	LNB	LNN	3
4			2	LNB	LNN	4
13			3	VNL		13
14			4	LNB	LNN	14
16			5	LNB	LNN	16
17			6	LNB	LNN	17
21			7	LNB	LNN	21
25			8	LNB	LNN	25
26			9	LNB	LNN	26
42			10	LNB	LNN	42
45			11	VNL		45
46			12	LNB	LNN	46
47			13	LNB	LNN	47

Comments: In addition, the Hong Chin's name was not clearly visible during transshipment 15. However, the observer did not generate a PNC at the time.

9 Other Observer Tasks.

9.1 CV waste disposal

All waste produced onboard was retained in specific containers and bins for disposal ashore.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the cruise.

9.3 Marine mammals.

No marine mammals were observed during the deployment

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Table 9: Non ROP transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		03/02/2016	05 ^o 45.370 S	11 ^o 29.418 W	6,500 c/s of bait transhipped	Y
		03/02/2016	05 ^o 45.370 S	11 ^o 29.418 W	4,500 c/s of bait transhipped	Y
		09/02/2016	04 ^o 38.640 N	23 ^o 40.539 W	3,000 c/s of bait transhipped	Y
		11/02/2016	07 ^o 39.657 N	22 ^o 20.421 W	Dry cargo was transhipped	Y
		20/02/2016	06 ^o 57.377 N	30 ^o 30.733 W	Dry cargo was transhipped	Y
		23/02/2016	13 ^o 28.731 N	30 ^o 33.263 W	Dry cargo was transhipped	Y
		26/02/2016	09 ^o 00.942 N	33 ^o 34.229 W	4,000 c/s of bait transhipped	Y

ICCAT



Observer Report

Trip Number:	<i>180-16</i>
Vessel Name:	<i>VICTORIA II</i>
ICCAT Ref. No.	<i>AT000LBR00008</i>
Observer Name:	<i>MAURICE O MALLEY</i>
Cruise Dates:	<i>From: 07/02/2016 To: 03/05/2016</i>

1 Cruise Summary

In accordance with the bilateral agreement between TOEI REEFER and MRAG, (Maurice O Malley (128)) joined the Liberian registered Carrier Vessel (CV) (VICTORIA II (AT000LBR00008)) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 07/02/2016 to 02/05/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	VICTORIA II	Call sign:	D5KD3
Port of registration:	XXXX	Flag State:	LIBERIA
Owner:	NAVISA MARITIME S.A.	Charterer:	TOEI REEFER LINE CO.LTD.
Vessel type:	REFRIGERATED CARGO CARRIER	Hold capacity:	4279Cub/M
Size (GRT):	2717T	Length (LOA):	91.48M
On-board acoustic equipment:	N/A		
Position fixing equipment:	Charts		
Vessel monitoring system (present/absent):	CLS		
Radar:	JRC 5300MK2		
Communications equipment:	Inmarsat B,C and email, JRC JST-245		
Plotters:	Charts		
Tuna products already on board (Quantity)	Yes (717.82Tons)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	17/02/2016
Method of embarkation*	In port dockside
Date of departure	18/02/2016
Date of first transshipment	02/03/2016
Date of last transshipment	26/03/2016
Date of return	03/05/2016
Date of disembarkation	02/05/2016
Method of disembarkation*	Launch
Port of return	Singapore

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 17 transhipments, the locations are shown in Figure 1 and the nationality of the vessels involved in transhipments is given in Table 1.

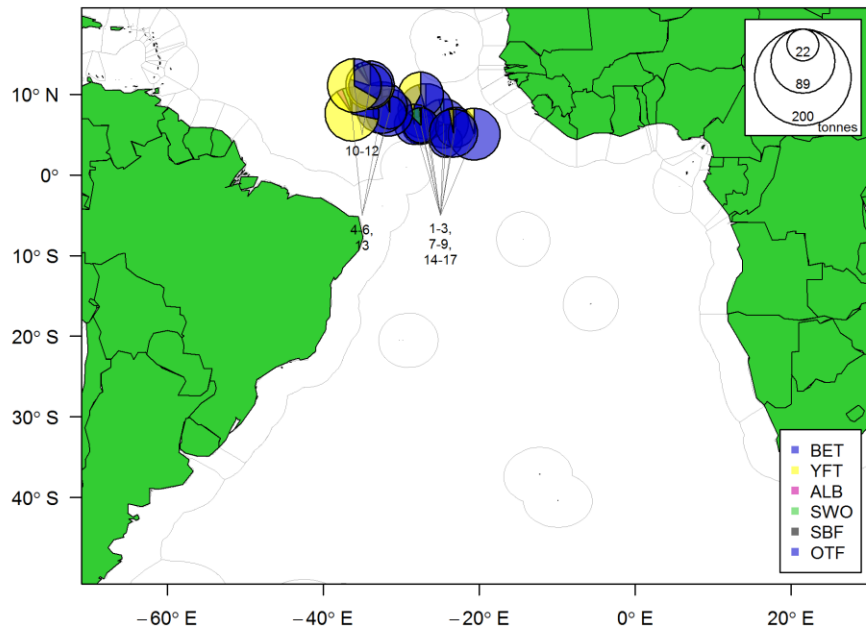


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	5
	6
	2
	4

5 Summary of Transhipments Observed.

A summary of transhipments monitored is given below in Table 2, and a summary of the vessel and observer estimated figures for all transhipments is given in Table 3.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspect	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	02/03/2016	06°23.206 N	024°33.603 W	05:00	100.00%
2				Yes	03/03/2016	07°54.222 N	026°52.785 W	04:00	100.00%
3				Yes	04/03/2016	09°58.067 N	027°30.279 W	04:15	100.00%
4				Yes	06/03/2016	08°22.195 N	032°30.428 W	02:30	100.00%
5				Yes	07/03/2016	07°46.096 N	031°29.367 W	03:17	100.00%
6				Yes	07/03/2016	07°44.219 N	031°33.244 W	02:00	100.00%
7				Yes	09/03/2016	06°10.134 N	027°28.365 W	02:52	100.00%
8				Yes	09/03/2016	06°04.111 N	027°31.821 W	03:30	100.00%
9				Yes	10/03/2016	06°17.154 N	028°19.114 W	04:55	100.00%
10				Yes	12/03/2016	11°08.652 N	034°00.445 W	04:16	100.00%
11				Yes	13/03/2016	11°03.635 N	033°56.576 W	03:52	100.00%
12				Yes	14/03/2016	11°05.354 N	036°01.475 W	04:31	100.00%

No	Name	RFMO No	Flag	Inspect	Date	Latitude	Longitude	Tranship time	% Observed
13				Yes	15/03/2016	07°33.830 N	036°19.378 W	01:50	100.00%
14				Yes	23/03/2016	04°14.231 N	024°17.071 W	05:45	100.00%
15				Yes	24/03/2016	05°12.15 N	023°18.828 W	05:00	100.00%
16				Yes	25/03/2016	05°55.043 N	023°01.082 W	03:25	100.00%
17				Yes	26/03/2016	05°03.898 N	020°39.808 W	05:40	100.00%

Comments:

All vessels which met with the VICTORIA II for the purposes of ROP-transhipments were boarded & inspected by the observer, and the observer monitored 100% of all transhipments.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	73.233	73.573	11.354	13.64	3.696	2.578	0.12	0.06	88.403	89.851	1.45	1.61%
2	105.981	109.142	5.137	4.718	0	0	0	0	111.118	113.86	2.74	2.41%
3	43.429	44.136	30.995	32.387	0	0	0	0	74.424	76.523	2.10	2.74%
4	48.123	48.85	1.643	1.15	0	0	0	0	49.766	50	0.23	0.47%
5	59.295	58.44	1.56	1.56	0	0	0	0	60.855	60	-0.86	-1.43%
6	40.242	40	0	0	0	0	0	0	40.242	40	-0.24	-0.60%
7	37.24	40.111	0	0	6.412	5.437	0.4533	0.44	44.1053	45.988	1.88	4.09%
8	57.6518	57.71	1.8015	2.126	0	0	0	0	59.4533	59.836	0.38	0.64%
9	89.996	95.32	6.266	5.321	0	0	0	0	96.262	100.641	4.38	4.35%
10	83.865	83.772	3.502	2.681	0	0	0	0	87.367	86.453	-0.91	-1.06%
11	74.295	76.729	5.822	5.603	0	0	0	0	80.117	82.332	2.21	2.69%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
12	97.578	98.593	0.908	0.79	0	0	0	0	98.486	99.383	0.90	0.90%
13	36.498	40.188	0.782	0.942	0	0	0	0	37.28	41.13	3.85	9.36%
14	25.662	30.767	71.44	67.588	5.248	3.783	4.876	6.496	107.226	108.634	1.41	1.30%
15	21.601	22.487	56.275	56.502	2.438	2.927	5.98	5.792	86.501	87.708	1.21	1.38%
16	52.53	56.27	12.239	14.093	0	0	0	0	64.769	70.363	5.59	7.95%
17	24.78	36.119	62.28	71.28	0.269	0.269	0	0	87.329	107.668	20.34	18.89%

Comments:

The difference between the observer and vessel estimated figures was greater than 10% on one occasion.

The percentage difference for transshipment 17 was 18.89%. This was due to the pre transshipment declaration from the LSPLV declaring 107.6 tons due for transshipment. However the CV expected that the transshipment would be 90 tons. The observer noted that 87.329 tons were transhipped, however the pre transshipment declaration was not amended, hence the large percentage difference.

6 Species and weight transferred

The vessel contained tuna products when the observer boarded as the vessel had completed an IOTC trip in the Atlantic Ocean just prior to this ICCAT trip.

The observer was notified that hold 2 was almost completely filled during the previous trip. The total declared weight of all species transferred during this ICCAT trip is shown in Table 4, and a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed %	Declared weight (t)	Declared %
Bigeye tuna	<i>Thunnus obesus</i>	All	972.00	76.31%	1012.21	76.66%
Yellowfin tuna	<i>Thunnus albacares</i>	All	272.00	21.36%	280.38	21.24%
Albacore	<i>Thunnus alalunga</i>	All	3.62	0.28%	4.76	0.36%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.02	0.00%	0.02	0.00%
Swordfish	<i>Xiphias gladius</i>	All	3.70	0.29%	2.58	0.20%
Swordfish	<i>Xiphias gladius</i>	N	8.16	0.64%	6.98	0.53%
Swordfish	<i>Xiphias gladius</i>	S	6.41	0.50%	5.44	0.41%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	0.02	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	3.91	0.31%	4.06	0.31%
Striped marlin	<i>Tetrapturus audax</i>	All	0.25	0.02%	0.14	0.01%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	1.31	0.10%	1.19	0.09%
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	0.45	0.04%	0.34	0.03%
Marlins, sailfishes, etc. <i>nei</i>	<i>Istiophoridae</i>	SE	0.00	0.00%	0.10	0.01%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	1.15	0.09%	0.59	0.04%
Opah	<i>Lampris guttatus</i>	All	0.32	0.03%	0.10	0.01%
Other fish	Unclassified	All	0.56	0.04%	1.53	0.12%

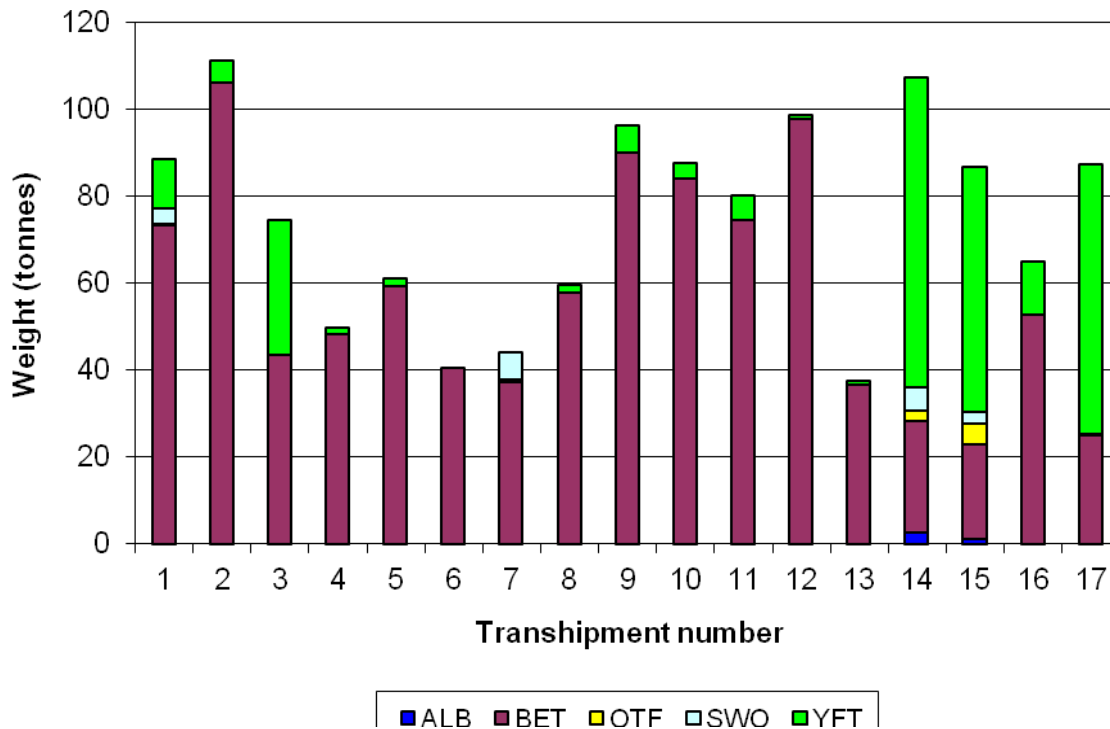


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Bigeye tuna	<i>Thunnus obesus</i>	47.31
Yellowfin tuna	<i>Thunnus albacares</i>	45.68
Albacore	<i>Thunnus alalunga</i>	20.26
Skipjack tuna	<i>Katsuwonus pelamis</i>	5.66
Swordfish	<i>Xiphias gladius</i>	45.00
Atlantic blue marlin	<i>Makaira nigricans</i>	71.05
Atlantic sailfish	<i>Istiophorus albicans</i>	21.73
Striped marlin	<i>Tetrapturus audax</i>	27.55
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	8.37
Opah	<i>Lampris guttatus</i>	10.66
Other fish not classified	N/A	5.06

Comments:

Fish products were usually transhipped in the form of mixed strings. The main product types transhipped during this deployment were gilled and gutted bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). The next largest group transhipped was swordfish (*Xiphias gladius*) which were transhipped as fillets or dressed.

No weighing scales were used aboard the LSPLVs or the CV during transshipments, therefore it was not possible for the observer to derive first-hand weights of the fish products transhipped. The observer instead derived the average weights by species based on the information contained in the pre-transshipment declarations.

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped during this deployment, although an attempt was made to tranship one individual SBT untagged as a bigeye tuna during transshipment 7 with XXX. This was noted by the observer and the CV captain was notified of the untagged tuna. The CV captain opted to return the untagged tuna to the LSPLV immediately.



Figure 3 Single individual SBT rejected by carrier vessel

8 LSTLV Inspections

A summary of the inspections carried out by the observer is given in Table 8.

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	02/03/16	Yes	Yes	No	Yes	Yes	10/04/17	Yes	Y	Yes	Yes	Yes	PB	29-Feb-16
2			Yes	03/03/16	Yes	Yes	UN	Yes	Yes	03/04/16	Yes	Y	Yes	Yes	Yes	PB	02-Mar-16
3			Yes	04/03/16	No	Yes	Yes	Yes	Yes	08/06/18	Yes	Y	Yes	Yes	Yes	PB	03-Mar-16
4			Yes	06/03/16	Yes	Yes	UN	Yes	Yes	09/06/19	Yes	Y	Yes	Yes	Yes	PB	05-Mar-16
5			Yes	07/03/16	Yes	Yes	Yes	Yes	Yes	25/05/16	Yes	Y	Yes	Yes	Yes	PB	06-Mar-16
6			Yes	07/03/16	Yes	Yes	UN	Yes	Yes	08/05/19	Yes	Y	Yes	Yes	Yes	PB	06-Mar-16
7			Yes	09/03/16	Yes	Yes	UN	Yes	Yes	22/05/16	Yes	Y	Yes	Yes	Yes	PB	08-Mar-16
8			Yes	09/03/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	08-Mar-16
9			Yes	10/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	09-Mar-16
10			Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	11-Mar-16
11			Yes	13/03/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	12-Mar-16
12			Yes	14/03/16	Yes	Yes	UN	Yes	Yes	31/03/16	Yes	Y	Yes	Yes	Yes	PB	13-Mar-16
13			Yes	15/03/16	Yes	Yes	UN	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	15-Mar-16
14			Yes	23/03/16	Yes	Yes	UN	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	22-Mar-16
15			Yes	24/03/16	Yes	Yes	UN	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	23-Mar-16
16			Yes	25/03/16	No	Yes	Yes	Yes	Yes	08/06/18	Yes	Y	Yes	Yes	Yes	PB	24-Mar-16
17			Yes	26/03/16	Yes	Yes	No	Yes	Yes	10/04/17	Yes	Y	Yes	Yes	Yes	PB	25-Mar-16

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments from inspections

No	Comments
1	The correct NRN for the XXX is XXX, but the NRN was displayed incorrectly on side of vessel as 9404003-626000
2	The stern marking of the XXX was partially obscured by dirt
3	The vessel's name as entered in the database was XXX., however the markings displayed on the vessel stated the name as the XXX
4	The transshipment amount was corrected by the CV captain from 60 tons to 50 tons on the transshipment declaration in order to reflect the actual amount transhipped.
7	The bow marking of the XXX was obscured by dirt and rust and could not be read
8	The stern marking of the XXX was partially worn away
12	The bow marking of XXX was partially obscured by dirt
13	The stern marking of the XXX was partially obscured and could not be read
13	The callsign of the XXX was not displayed on the vessel's hull, and was only written by hand on the superstructure where it was not easily visible
14	The logbook of the XXX was printed but unbound and kept in a binder . No electronic logbook was shown.
15	The logbook was printed but unbound but kept in a ring-binder folder. No electronic logbook was shown.
16	This was the second transshipment by the XXX during this deployment, the first being transshipment 3. The same issues with vessel markings were noted
17	The correct NRN for the XXX is XXX, but the NRN was displayed incorrectly on side of vessel as XXX. The observer notified the captain and the NRN was repainted to correctly by the end of the transshipment .

The observer made 10 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			10	IIM		
2			1	IIM		
3			2	IIM		
7			3	IIM		
8			4	IIM		
12			5	IIM		
14			6	LNB		
15			7	LNB		
16			8	IIM		
17			9	IIM		

Comments:

At the time that the observer reported PNCs Ref 6 & 7, the consortium was in discussion with ICCAT regarding the appropriate protocol for reporting logbook PNCs on XXX LSTLVs. Specifically, the observer on this deployment was not aware of the new protocol now agreed whereby the observer must ask explicitly for an electronic logbook to be shown on a screen. In order to avoid PNCs being inappropriately reported to authorities, PNC 6 & 7 were not sent to the CPC.

9 Other Observer Tasks.

9.1 CV waste disposal

Excerpts of the MARPOL regulations posted throughout the ship. Waste was stored in bags in a designated area.



Figure 4 MARPOL regulations posted onboard the vessel

9.2 Unidentified or IUU vessels

No IUU vessel sightings during this deployment.

9.3 Marine mammals.

During this deployment the observer noted marine mammals on eight occasions within the ICCAT convention area.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
18/02/2016	10:00-12:00	33 55.150" S	18 26.310"E	Sealion (Unclassified Otarid)	1	Swimming , Playing
18/02/2016	14:00-17:00	33 30.00"E	18 00.00"E	Sealion (Unclassified Otarid)	6	Fishing
29/02/2016	18:00	01 59.319" N	21 49.946"W	Killer Whale (<i>Orcinus orca</i>)	3	Travelling.
28/03/2016	15:30	00 30.443" S	13 45.330"W	Short Finned Pilot Whale (<i>Globicephala macrorhynchus</i>)	5	Travelling.
06/04/2016	08:00-09:00	24 43.268" S	14 18.402"E	Sealions (Unclassified Otarids)	85	Sunbathin g in 2s & 3s.
06/04/2016	09:30	32 34.010" S	16 57.907"E	Sealion (Unclassified Otarid)	33	Travelling
08/04/2016	09:40	32 34.010" S	16 57.907"E	Sealion (Unclassified Otarid)	5	Sunbathin g
08/04/2016	10:00-10:30	32 39.407" S	17 00.683"E	Fin whale (<i>Balaenoptera physalus</i>)	1	Travelling.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices –

Table 10 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		01/03/2016	04 19.450"N	24 19.661"W	Supplies and bait.	
		01/03/2016	04 15.873"N	24 22.941"W	Bait	
		02/03/2016	06 23.227"N	24 33.271"W	1 Crew, Supplies and bait.	
		09/03/2016	06 11.445"N	27 27.217"W	Supplies and bait.	
		10/03/2016	06 04.11"N	27 31.821"W	Sighted circling the CV during transhipment 8, but did not rendezvous with VICTORIA II.	Ref. 180_128_001 49
		12/03/2016	11 09.157"N	33 59.451"W	ATT presented but did not tranship fish products. Only supplies.	Ref. 180_128_001 50
		14/03/2016	11 05.937"N	35 58.104"W	ATT presented but did not tranship fish products. Supplies and bait.	Ref. 180_128_001 89
		14/03/2016	11 05.382"N	35 59.677"W	ATT presented but did not tranship fish products. Supplies and bait.	Ref. 180_128_001 95
		14/03/2016	11 05.354"N	36 01.475"W	ATT presented but did not tranship fish products. Supplies and bait.	Ref. 180_128_002 17
		21/03/2016	11 35.172"N	27 48.876"W	Bait.	
		22/03/2016	07 19.165"N	26 50.921"W	1 crew, supplies. Same ship as 02/03/2016	

ICCAT

Observer Report



Trip Number:	181- 16
Vessel Name:	TAISEI MARU No. 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Basil Z. Vilakazi
Cruise Dates:	From: 25/02/2016 to 29/04/2016

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries monitoring cc, Basil Vilakazi (ICCAT No. 031) joined the Japanese registered Carrier Vessel (CV) TAISEI MARU No. 24 (AT000JPN00571) as the ROP observer. The observer monitored the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 25/02/2016 to 29/04/2016.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition, when weather conditions permitted, the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No. 24	Call sign:	JILE
Port of registration:	ISE – SHI (Japan)	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3.200 M/T
Size (GRT):	4.992 t	Length (LOA):	124.25m
On-board acoustic equipment:	JRC echo sounder JFE – 570S		
Position fixing equipment:	3 X JRC GPS (JLR – 7800);(JLR – 7700MK);(JLR – 680)		
Vessel monitoring system (present/absent):	JRC (JUE – 95VM); Inmarsat C		
Radar:	JMA – 9132 – SA, JMA – 6503 – 9		
Communications equipment:	HF/MF: JRC JSS – 800, 2 X VHF: JRC JHS – 31, Inmarsat B;C; F33		
Plotters:	JRC NWU – 53		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	25/02/2016
Method of embarkation*	Portside
Date of departure	28/02/2016
Date of first transshipment	06/03/2016
Date of last transshipment	17/04/2016
Date of return	29/04/2016
Date of disembarkation	29/04/2016
Method of disembarkation*	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The observer boarded on 25/02/2016 as requested, but the CV sailed on 28/02/2016 due to delays caused by the availability of bunkers. The CV completed a total of 43 transshipments at sea, the locations are shown in detail in

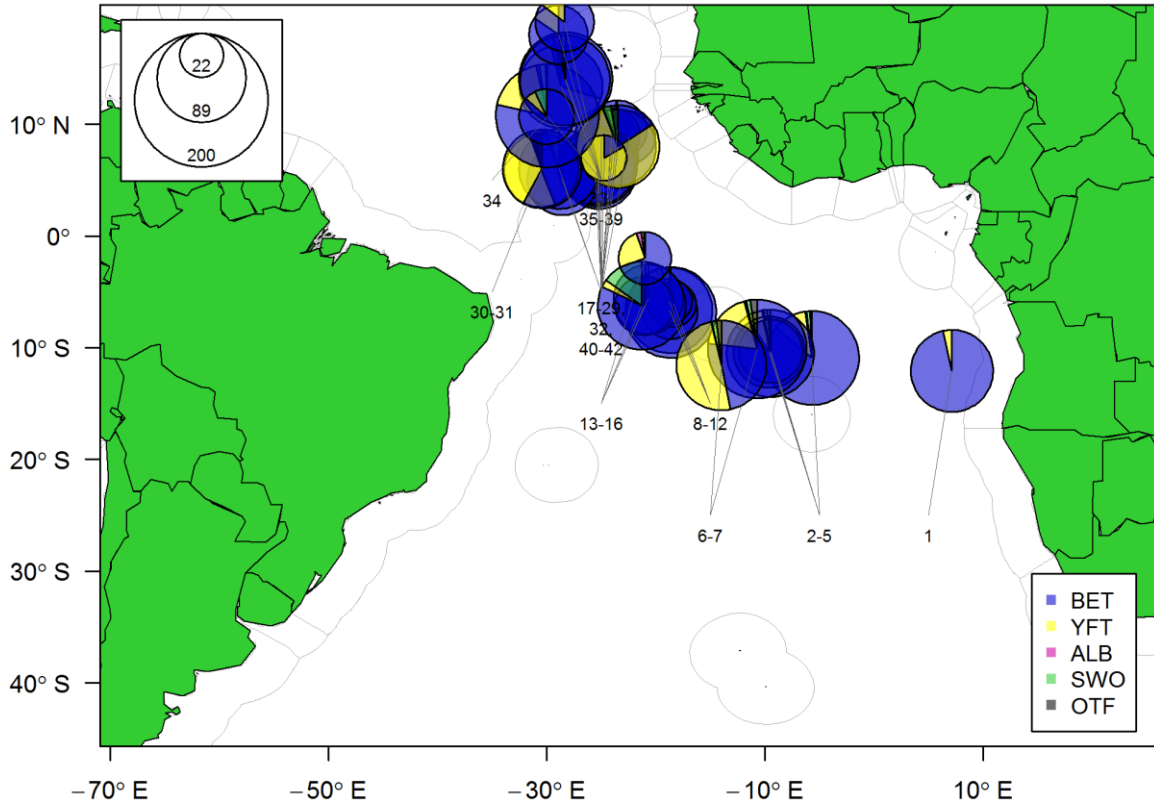


Figure 1. The numbers received by nationality of vessel are given in Table 1.

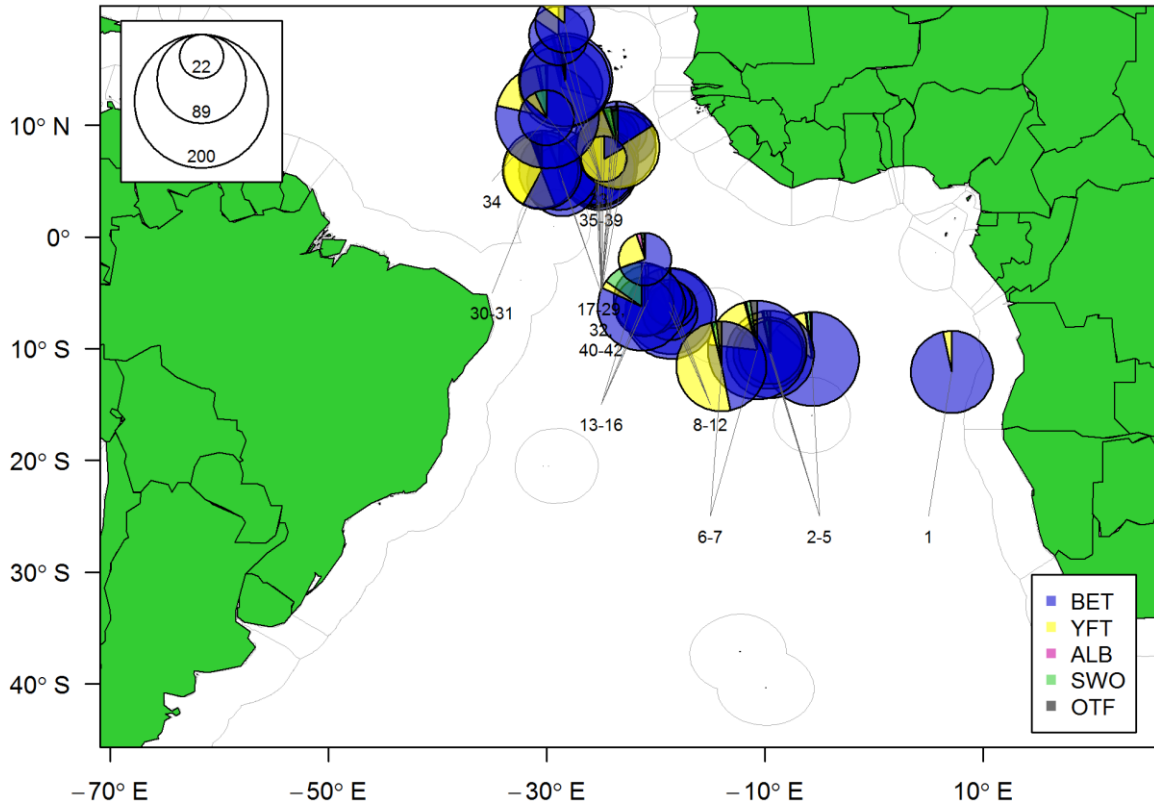


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	22
	19

Comments:

In addition to the 42 transhipments conducted on the high seas, the CV also conducted 1 transhipment within the port limits of in Walvis Bay ($22^{\circ}53.337'S / 014^{\circ}28.430'E$) on 03/03/2016 (Appendix 2). This in-port transhipment was monitored by Namibian officials.

The CV also conducted 8 non-ICCAT transhipments of cargo (Appendix 1).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	06/03/16	12°04.3 S	007°08.195 E	01:50	100.00%
2				Yes	09/03/16	10°55.425 S	005°41.233 W	00:55	100.00%
3				Yes	10/03/16	10°30.093 S	009°30.946 W	03:05	100.00%
4				Yes	10/03/16	10°23.263 S	009°37.079 W	02:10	100.00%
5				Yes	11/03/16	10°18.886 S	009°28.438 W	01:55	100.00%
6				Yes	12/03/16	10°06.532 S	010°42.744 W	01:30	100.00%
7				Yes	13/03/16	11°34.536 S	013°59.731 W	01:45	100.00%
8				Yes	15/03/16	06°39.149 S	018°44.383 W	04:10	100.00%
9				Yes	16/03/16	06°50.231 S	018°38.515 W	01:20	100.00%
10				Yes	16/03/16	06°45.624 S	018°42.204 W	01:35	100.00%
11				Yes	17/03/16	06°06.203 S	018°24.106 W	04:05	100.00%
12				Yes	18/03/16	05°51.306 S	018°46.897 W	03:15	100.00%
13				Yes	19/03/16	05°39.074 S	020°41.643 W	02:30	100.00%
14				Yes	20/03/16	06°14.811 S	021°03.565 W	03:30	100.00%
15				Yes	21/03/16	06°14.124 S	021°18.186 W	04:20	100.00%
16				Yes	22/03/16	01°58.928 S	021°00.448 W	03:50	100.00%
17				Yes	25/03/16	08°50.326 N	022°26.094 W	01:15	100.00%
18				Yes	26/03/16	09°04.802 N	024°03.696 W	03:10	100.00%
19				Yes	27/03/16	09°29.693 N	023°32.25 W	02:40	100.00%
20				Yes	28/03/16	08°33.571 N	024°05.671 W	03:50	100.00%
21				Yes	29/03/16	09°00.769 N	024°59.468 W	05:20	100.00%
22				Yes	30/03/16	09°01.256 N	023°53.158 W	04:50	100.00%
23				Yes	31/03/16	07°00.926 N	024°02.02 W	04:55	100.00%
24				Yes	01/04/16	05°44.027 N	025°13.363 W	02:40	100.00%
25				Yes	01/04/16	05°36.827 N	025°19.677 W	03:15	100.00%
26				Yes	02/04/16	05°19.474 N	025°31.929 W	02:45	100.00%
27				Yes	03/04/16	06°11.769 N	025°21.987 W	04:10	100.00%
28				Yes	04/04/16	06°10.157 N	025°22.642 W	06:00	100.00%
29				Yes	05/04/16	05°00.865 N	028°33.975 W	02:40	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
30				Yes	06/04/16	06°00.107 N	030°25.938 W	01:25	100.00%
31				Yes	06/04/16	05°53.841 N	030°31.061 W	01:10	100.00%
32				Yes	07/04/16	06°00.215 N	028°52.738 W	02:10	100.00%
33				Yes	08/04/16	10°45.418 N	029°57.191 W	01:10	100.00%
34				Yes	08/04/16	10°39.88 N	030°01.118 W	05:35	100.00%
35				Yes	09/04/16	13°23.158 N	028°41.357 W	02:15	100.00%
36				Yes	10/04/16	18°00.558 N	028°55.865 N	04:25	100.00%
37				Yes	11/04/16	19°07.541 N	028°22.152 W	04:20	100.00%
38				Yes	14/04/16	14°03.148 N	028°15.761 W	03:35	100.00%
39				Yes	14/04/16	13°56.221 N	028°19.749 W	02:25	100.00%
40				Yes	16/04/16	06°59.458 N	024°45.623 W	05:10	100.00%
41				Yes	17/04/16	08°00.526 N	023°28.312 W	04:25	100.00%
42				Yes	17/04/16	07°54.914 N	023°28.91 W	04:25	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	38.030808	39.27	0	0	0	0	0	0	38.030808	39.27	1.24	3.16%
2	32.517	32.585	0.387	0.497	0	0	0	0	32.904	33.082	0.18	0.54%
3	49.874	50.066	0.274	0.365	0	0	0	0	50.148	50.431	0.28	0.56%
4	39.477	39.746	0	0.026	0	0	0	0	39.477	39.772	0.30	0.74%
5	40.009	39.941	0.082	0.082	0	0	0	0	40.091	40.023	-0.07	-0.17%
6	40.537	40.333	0.318	0.318	0	0	0	0	40.855	40.651	-0.20	-0.50%
7	39.935	40.045	0.203	0.355	0	0	0	0	40.138	40.4	0.26	0.65%
8	77.28	78.031	0.333	0.333	1.586	1.735	0	0	79.199	80.099	0.90	1.12%
9	27.489	27.489	0.28	0.392	0	0	0	0	27.769	27.881	0.11	0.40%
10	36.263	37.19	0.188	0.282	0	0	0	0	36.451	37.472	1.02	2.72%
11	85.11	90	0.833	1	0	0	0	0	85.943	91	5.06	5.56%
12	77.872	80	1.286	1.5	0	0	0	0	79.158	81.5	2.34	2.87%
13	71.231	71.579	0.187	0.421	0	0	0	0	71.418	72	0.58	0.81%
14	81.574	80.803	1.125	1.238	2.602	2.602	0	0	85.301	84.643	-0.66	-0.78%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
15	86.449	86.81	0.64	0.839	4.814	4.814	0	0	91.903	92.463	0.56	0.61%
16	13.176	16	74.358	77.983	2.91	3.1	2.758	2.917	93.202	100	6.80	6.80%
17	3.842	5	25.883	25	0	0	0	0	29.725	30	0.28	0.92%
18	31.49	34.773	38.754	40.496	1.698	1.779	1.51	2.32	73.452	79.368	5.92	7.45%
19	49.987	51.932	28.641	32.51	1.193	1.202	3.448	3.993	83.269	89.637	6.37	7.10%
20	26.817	29.745	62.37	66.4	2.104	1.686	1.732	2.153	93.023	99.984	6.96	6.96%
21	115.64	120.65	25.227	27.554	2.891	3.07	2.004	2.345	145.762	153.619	7.86	5.11%
22	114.68	119.854	0.975	0.795	1.683	2.431	2.672	3.1	120.01	126.18	6.17	4.89%
23	109.131	114.707	0.907	1.162	1.503	1.589	0	0	111.541	117.458	5.92	5.04%
24	41.395	42.284	6.834	7.716	0	0	0	0	48.229	50	1.77	3.54%
25	42.195	42.709	6.98	7.291	0	0	0	0	49.175	50	0.83	1.65%
26	38.233	38	2.95	3	3	3	0	0	44.183	44	-0.18	-0.42%
27	98.943	101.004	4.053	4.996	0	0	0	0	102.996	106	3.00	2.83%
28	96.855	105.148	9.691	10.852	5.334	4	0	0	111.88	120	8.12	6.77%
29	41.192	41.5	2.402	2.5	0	0	0	0	43.594	44	0.41	0.92%
30	30	30	0	0	0	0	0	0	30	30	0.00	0.00%
31	30	30	0	0	0	0	0	0	30	30	0.00	0.00%
32	67.634	69	0.794	1	0	0	0	0	68.428	70	1.57	2.25%
33	51.06	50	0	0	0	0	0	0	51.06	50	-1.06	-2.12%
34	87.618	92	2.676	3	16.71	17	0	0	107.004	112	5.00	4.46%
35	26.265	27.755	9.32	10.176	0.651	0.651	1.244	1.418	37.48	40	2.52	6.30%
36	103.516	110.12	13.415	14.681	1.398	1.514	0.962	1.455	119.291	127.77	8.48	6.64%
37	92.47	94.916	6.449	12.36	1.189	1.257	1.6254	2.119	101.733	110.652	8.92	8.06%
38	64.816	67.455	4.791	5.002	0.72	0.851	0	0.745	70.327	74.053	3.73	5.03%
39	55.195	56.077	0.486	0.389	1.176	1.193	0.671	0.671	57.528	58.33	0.80	1.37%
40	102.822	108.497	22.796	27.028	2.04	1.909	3.33	4.066	130.988	141.5	10.51	7.43%
41	49.541	54.768	55.928	58.145	1.6278	1.988	2.159	2.459	109.256	117.36	8.10	6.91%
42	92.884	94.5	3.1	3.5	0	0	0	0	95.984	98	2.02	2.06%

Comments:

The conditions on board allowed for accurate counts of the transhipped fish and the observer estimations were all within 10% of the amounts declared.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.** and a breakdown by transshipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	7.31	0.24%	10.11	0.32%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	13.73	0.46%	15.28	0.49%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	1.40	0.05%	1.69	0.05%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.50	0.02%	0.67	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	2501.04	83.43%	2582.28	82.75%
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0.37	0.01%	0.63	0.02%
Opah	<i>Lampris guttatus</i>	NE	1.27	0.04%	2.29	0.07%
Opah	<i>Lampris guttatus</i>	SE	0.07	0.00%	0.21	0.01%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.13	0.00%	0.13	0.00%
Swordfish	<i>Xiphias gladius</i>	N	23.04	0.77%	24.48	0.78%
Swordfish	<i>Xiphias gladius</i>	S	33.79	1.13%	32.89	1.05%
Yellowfin tuna	<i>Thunnus albacares</i>	All	415.92	13.87%	451.18	14.46%

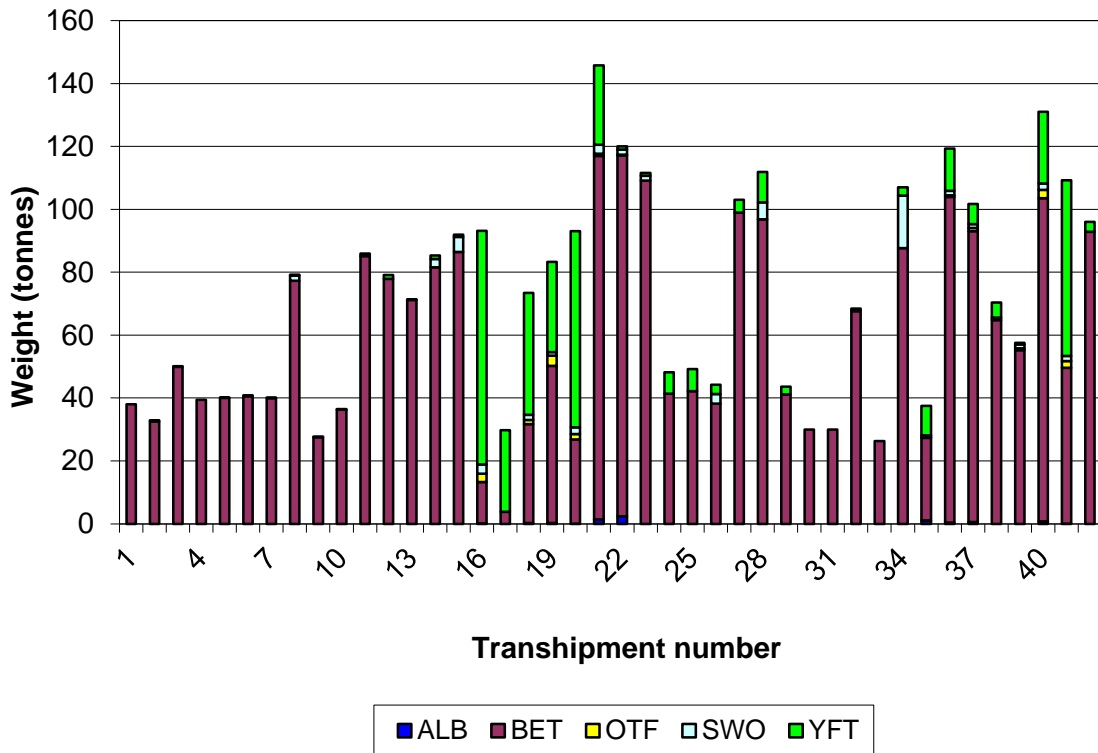


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	20.76
Atlantic blue marlin	<i>Makaira nigricans</i>	78.46
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	9.98
Bigeye tuna	<i>Thunnus obesus</i>	53.21
Dolphinfish	<i>Coryphaena hippurus</i>	9.35
Opah	<i>Lampris guttatus</i>	11.38
Striped marlin	<i>Tetrapturus audax</i>	22.33
Swordfish	<i>Xiphias gladius</i>	54.80
Yellowfin tuna	<i>Thunnus albacares</i>	45.01

Comments:

The main species of tuna that was transferred to the carrier vessel were bigeye tuna (*T. obesus*), the yellowfin tuna (*T. albacares*) and albacore (*T. alalunga*). Billfish species (*Istiophoridae spp.*) consisted of swordfish (*Xiphias gladius*), atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*). Species included under the other fish category contained atlantic spanish mackerel (*Scomberomorus maculates*), dolphinfish (*Coryphaena hippurus*) and opah (*Lampris guttatus*).

The main product types were:

bigeye (<i>T. obesus</i>) and yellowfin (<i>T. albacares</i>)	gilled and gutted
albacore (<i>T. alalunga</i>)	round (whole)
billfish species (<i>Istiophoridae spp</i>)	dressed or gilled and gutted
other fish (except dolphinfish [<i>C. Hippurus</i>])	dressed
dolphinfish (<i>C. Hippurus</i>)	whole

All Chinese Taipei flagged LSPLVs first hoisted the fish in small bunches to the hauling deck of the LSPLV. This technique allowed the observer ample time to identify different fish species and acquire an accurate count of the fish. The CV was using the derrick at the centre of the CV to transfer the fish across from the LSPLV to the CV and then dropped the fish into a rail cart, which was then railed to the desired receiving fish hold. The CV made use of a hook scale which was connected to the derrick that was discharging the fish from the rail cart to CV the fish hold.

The observer used a hand-held tally counter to count the fish and record the different fish species with their respective figures in a transshipment detail form.

The observer's average weights for the different species were all based on the LSPLV's declared quantities and weights. The exception was transshipment 33 where the number of fish declared by the LSPLV was clearly very inflated. In this instance the observer used a visual estimation of 46 kilograms for the *T. obesus* transhipped.

7 Southern bluefin tuna transhipments

Comments:

No southern bluefin tuna (*Thunnus maccoyii*) was declared by any LSPLV or observed by the observer in anyone of transshipment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on-board LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook			
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry	
1			Yes	06/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/03/16
2			Yes	09/03/16	Yes	Yes	No	Yes	Yes	Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	PB	07/03/16
3			Yes	10/03/16	Yes	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	09/03/16
4			Yes	10/03/16	Yes	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	09/03/16
5			Yes	11/03/16	Yes	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	10/03/16
6			Yes	12/03/16	Yes	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	PB	11/03/16
7			Yes	13/03/16	Yes	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	13/03/16
8			Yes	15/03/16	Yes	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	14/03/16
9			Yes	16/03/16	Yes	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Yes	Yes	Yes	Yes	PB	15/03/16
10			Yes	16/03/16	Yes	Yes	Yes	Yes	Yes	Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	PB	15/03/16
11			Yes	17/03/16	Yes	Yes	Yes	Yes	Yes	Yes	16/11/18	Yes	Yes	Yes	Yes	Yes	PB	16/03/16
12			Yes	18/03/16	Yes	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	17/03/16
13			Yes	19/03/16	Yes	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	18/03/16
14			Yes	20/03/16	Yes	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	20/03/16
15			Yes	21/03/16	Yes	Yes	Yes	Yes	Yes	Yes	05/11/16	Yes	Yes	Yes	Yes	Yes	PB	21/03/16
16			Yes	22/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	21/03/16
17			Yes	25/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	24/03/16
18			Yes	26/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	25/03/16
19			Yes	27/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/03/16
20			Yes	28/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/03/16
21			Yes	29/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	28/03/16
22			Yes	30/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	EL	28/03/16
23			Yes	31/03/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	28/03/16
24			Yes	01/04/16	Yes	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Yes	Yes	Yes	Yes	PB	31/03/16
25			Yes	01/04/16	Yes	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Yes	Yes	Yes	Yes	PB	31/03/16
26			Yes	02/04/16	Yes	Yes	Yes	Yes	Yes	Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	PB	01/04/16
27			Yes	03/04/16	Yes	Yes	Yes	Yes	Yes	Yes	24/10/16	Yes	Yes	Yes	Yes	Yes	PB	01/04/16
28			Yes	04/04/16	Yes	Yes	Yes	Yes	Yes	Yes	10/11/18	Yes	Yes	Yes	Yes	Yes	PB	03/04/16
29			Yes	05/04/16	Yes	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Yes	Yes	Yes	Yes	PB	04/04/16


No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook			
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry	
30			Yes	06/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	04/04/16
31			Yes	06/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	05/04/16
32			Yes	07/04/16	Yes	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	Yes	Yes	PB	05/04/16
33			Yes	08/04/16	Yes	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	07/04/16
34			Yes	08/04/16	Yes	Yes	No	Yes	Yes	Yes	12/12/16	Yes	Yes	Yes	Yes	Yes	PB	07/04/16
35			Yes	09/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	08/04/16
36			Yes	10/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	08/04/16
37			Yes	11/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	10/04/16
38			Yes	14/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	13/04/16
39			Yes	14/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	13/04/16
40			Yes	16/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	15/04/17
41			Yes	17/04/16	Yes	Yes	No	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	16/04/16
42			Yes	17/04/16	Yes	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	16/04/16


Comments.


Table 7 Comments from inspections

TS No	LSPLV name	Comments
1		The LSPLV displayed the name " XXX ". This name was slightly different to the name " XXX " provided in the ICCAT vessel list. The LSPLV name was given as XXX on the Authorisation to Fish (ATF). The LSPLV produced a printed and unbound logbook and a PNC was issued as a result. After submitting the PNC, the observer received instruction to specifically check the electronic log of XXX LSPLVs. The PNC was withdrawn.
2		No comment.
3		No comment.
4		No comment.
5		No comment.
6		No comment.
7		No comment.
8		No comment.
9		Both the LSPLV name and National Registration Number (NRN) were only partially visible on the bow. The weld marks enabled the observer to verify the NRN and name, but this was only visible an extremely close range.
10		The LSPLV was fitted with an Argos MAR GE V2 and an Argos FVT VMS unit. Both units were switched on. The antennae of the MAR GE unit, which was the unit listed on the ATF, was mounted inside the bridge.
11		The LSPLV was fitted with a Trimble Galaxy (INMARSAT C) and an Argos FVT VMS unit. The Argos unit was fitted with a power switch. Both units were switched on.
12		The LSPLV was fitted with a Trimble Galaxy and an Argos FVT VMS unit. Both units were switched on. The Argos unit, which was listed as the VMS unit on the ATF, was fitted with a power switch attached to the unit. Figure 6 VMS unit of the LSPLV LONG CHANG NO.3
13		The identification features on the bow were covered with fouling and was not clearly legible.

TS No	LSPLV name	Comments
		The LSPLV was fitted with Thrane & Thrane TT3026S, Thrane & Thrane TT3022D and Thorium TST- 100 VMS units. All three units were switched on.
14		The LSPLV was fitted with a Thrane & Thrane TT3022D, a Thrane & Thrane TT3026S and an Argos FVT VMS units. All the units were switched on.
15		The LSPLV was fitted with an Argos FVT, an Argos LEO and a Trimble Galaxy VMS unit. All the VMS units were switched on. The Argos (CLS) LEO unit was fitted with a power switch.
16		<p>When the observer requested the fishing logbook, he was provided with printed, unbound pages. The master could NOT show the observer the electronic log and had to phone the fishing company to obtain a copy. A copy of the "electronic logbook" was emailed to the LSPLV. The captain explained that the company completed the electronic logbook based on information he sent to the company.</p> <p>Figure 9 Logbooks of the XXX</p>
17		No comment.
18		No comments.
19		No comments.
20		No comments.
21		No comments.
22		No comment.
23		No comments
24		No comments.
25		The LSPLV was fitted with an Argos LEO and a Trimble Galaxy VMS unit. Both units were switched off when the observer boarded the LSPLV. The green (ON) light of the Argos (CLS) LEO did illuminate when the LSPLV

TS No	LSPLV name	Comments
		 <p>Figure 10 VMS unit (not functioning) of the LSPLV</p>
26		<p>The IRCS of the LSPLV on the starboard side has completely worn away. The name on the bow was also partially worn away and not clearly legible.</p> <p>The LSPLV was fitted with an Argos LEO as well as an Argos FVT VMS unit. Both units were switched on. In between the VMS units there was a power switch fitted. The observer could not clearly determine which of the units was connected to the switch.</p>

TS No	LSPLV name	Comments
		 <p>Figure 12 VMS units</p>
27		The LSPLV was fitted with a Trimble Galaxy and an Argos MAR GE V2 VMS unit. Both units were switched on. The Argos antennae was connected directly to a power supply unit.
28		The NRN on the bow of the LSPLV was completely obscured by fouling on the hull.
29		The LSPLV was fitted with Trimble Galaxy; Argos FVT and Thrane & Thrane TT3027D VMS units. The Trimble Galaxy unit was switched off. The ARGOS FVT unit was fitted with a power switch adjacent to the unit.

TS No	LSPLV name	Comments
		 <p>Figure 14 VMS unit with switch</p>
30XXX		<p>The observer was presented with a printed and unbound fishing log which was up to date. The "electronic logbook" only contained the cover page for the logbook but no fishing (set) data. On closer inspection, this was a PDF document and not the prescribed Excel format. The LSTLV did not have the prescribed format on board.</p>

TS No	LSPLV name	Comments
31		<p>The logbook was printed but not bound. The "electronic logbook" presented to the observer consisted of only the (scanned) logbook cover page (in PDF format) without any fishing effort (set) data. The LSTLV officers could not produce the prescribed electronic logbook (excel format).</p> <p>The LSPLV did not display the NRN. The board which usually displays the NRN was painted white with nothing displayed.</p> <p>The boards displaying the IRCS were made from plywood and was delaminating, resulting in the IRCS not being clearly legible.</p>
32		No comment.
33		The LSPLV was fitted with a Thrane & Thrane TT3022D and an Argos FVT VMS units. The Argos FVT was not working (broken).
34		<p>The LSPLV displayed the name " XXX " (no spaces as per the name " XXX " provided by the ICCAT list) on the bow and the stern of the ship.</p> <p>The LSPLV did not display the NRN.</p>
35		No comments.
36		No comments.
37		No comments.
38		No comment.
39		No comment
40		No comment.
41		No comment.
42		No comments.

Table 8 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
1	06/03/2016			LNB
2	01/04/2016			VNL
3	06/04/2016			LNB
4	06/04/2016			LNB

Comments:

The observer generated 4 Potential Non Compliance (PNC) reports.

Transshipment No.1" XXX": The logbook was not bound. The loose pages of the logbook were filed in sequence in a stationary folder. The pages were clearly numbered. Note this PNC was withdrawn as the observer was informed of the use of electronic logbooks by the Consortium management after this PNC was submitted to the Consortium.

Transshipment No. 25 : The LSPLV was fitted with an Argos LEO and a Trimble Galaxy VMS unit. Both units were switched off when the observer boarded the LSPLV. The green (ON) light of the Argos (CLS) LEO did illuminate when the LSPLV Master switched it on. The Trimble Galaxy was left on when the observer disembark the LSPLV.

Transshipment No.30 "XXX": The logbook was printed and not bound. The "electronic logbook" which was shown to the observer was a scanned PDF document of the logbook cover page.

Transshipment No.31 "XXX": The logbook was printed and not bound. The "electronic logbook" which was shown to the observer was a scanned PDF document of the logbook cover page.

8.1 Verifying vessel name / RFMO number and National Registration Number.

The observer was able to identify all the LSPLVs who transhipped.

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs produced in-date ATF documents during the on-board inspection.

XXX When the observer requested the fishing logbook, he was provided with printed, unbound pages. The master could NOT show the observer the electronic log and had to phone the fishing company to obtain a copy. A copy of the "electronic logbook" was emailed to the LSPLV. The captain explained that the company completed the electronic logbook based on information he sent to the company.

XXX The observer was presented with a printed and unbound fishing log which was up to date. The "electronic logbook" shown to the observer only contained the cover page for the logbook but no fishing (set) data. On closer inspection, this was a scanned PDF document and not the prescribed Excel format. The LSTLV did not have the prescribed format on board.

XXX The observer was presented with a printed and unbound fishing log which was up to date. The "electronic logbook" shown to the observer only contained the cover page for the logbook but no fishing (set) data. On closer inspection, this was a scanned PDF document and not the prescribed Excel format. The LSTLV did not have the prescribed format on board.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a waste management plan in place. All the waste was separated and stored in drums that were clearly stencilled for different types of waste. The ash from the incinerator was also stored in a drum to be disposed at port. The food and galley waste

(excluding the cooking oil) was the only waste that was disposed at sea.



Figure 20 CV waste management

9.2 Unidentified or IUU vessels

There were no sightings of unidentified or IUU for the duration of the deployment.

9.3 Marine mammals.

No marine mammals that were sighted or observed by the observer for the duration of the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		02/03/2016	22 ⁰ 57.658'S	10 ⁰ 05.590'E	The LSPLV was not listed in the ICCAT database, which was provided to the observer. The CV had supplied fuel and general cargo to the LSPLV.
		05/03/2016	17 ⁰ 58.448'S	08 ⁰ 01.003'E	The CV supplied fuel & general cargo.
		06/03/2016	12 ⁰ 07.356'S	07 ⁰ 08.408'E	Fuel and general cargo.
		08/03/2016	10 ⁰ 47.722'S	04 ⁰ 30.543'W	General cargo.
		22/03/2016	01 ⁰ 59.544'S	21 ⁰ 00.433'W	General cargo.
		23/03/2016	0 ⁰ 56.302'S	20 ⁰ 56.737'W	Fuel and general cargo.
		23/04/2016	5 ⁰ 38.098'S	5 ⁰ 44.613'W	Fuel

Appendix 2 Port transhipments.

No	Name	RFMO No	Latitude	Longitude	Bigeye	Yellowfin	Swordfish	Other	Total
1			22°53.337'S	14°28.430'E	61.854	8.559	1.123	4.596	76.132

ICCAT

Observer Report



Trip Number:	182-16
Vessel Name:	Futagami
ICCAT Ref. No.	AT000LBR00016
Observer Name:	Jonathan Newton
Cruise Dates:	10/04/2016 to 22/05/2016

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Fisheries Monitoring CC, Jonathan Newton (R.O.P No.023) joined the Liberian registered Carrier Vessel (CV) Futagami (AT000LBR00016) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 10/04/2016 to 22/05/2016.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	D5KG4
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Avista Maritime SA	Charterer:	Toei Marine
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4029.75 m ³
Size (GRT):	2581 ton	Length (LOA):	88.94m
On-board acoustic equipment:	FURUNO echo sounder		
Position fixing equipment:	FURUNO GP 150, JRC 7700MKII, ANRITSU RN406A.		
Vessel monitoring system (present/absent):	Present		
Radar:	FURUNO MU-201CR, MU-190		
Communications equipment:	ANRITSU VHF Radio RU218A, RU224A. JST-245 Transceiver, ANRITSU RR107A receiver.		
Plotters:	None		
Tuna products already on board (Quantity)	300 ton (IOTC transshipments)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	10/04/2016
Method of embarkation*	Portside
Date of departure	10/04/2016
Date of first transshipment	15/04/2016
Date of last transshipment	10/05/2016
Date of return	22/05/2016
Date of disembarkation	22/05/2016
Method of disembarkation	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel completed a total of 18 transhipments at sea for a total of 1059.122 tons transhipped. In addition, a total of 273.818 tons was transhipped during in 2 transhipments conducted within the port limits of the port of Sao Vicente, Cape Verde.

The locations are shown in detail in

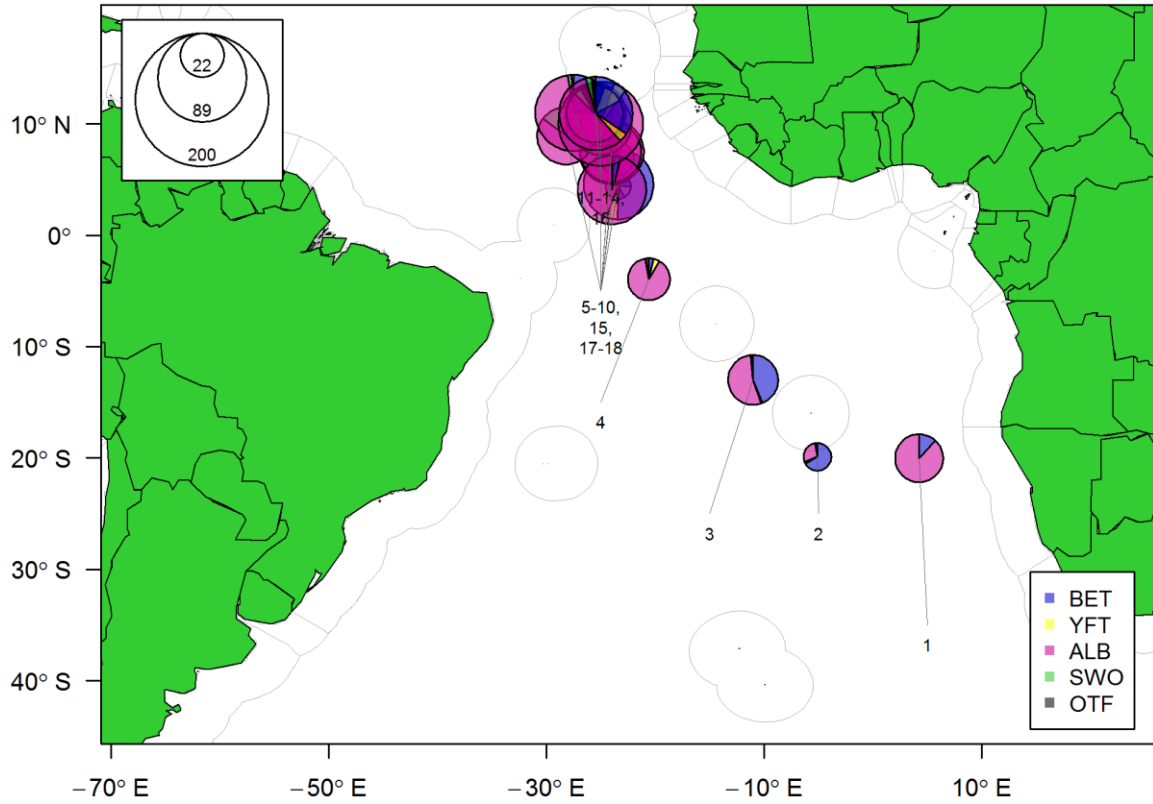


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

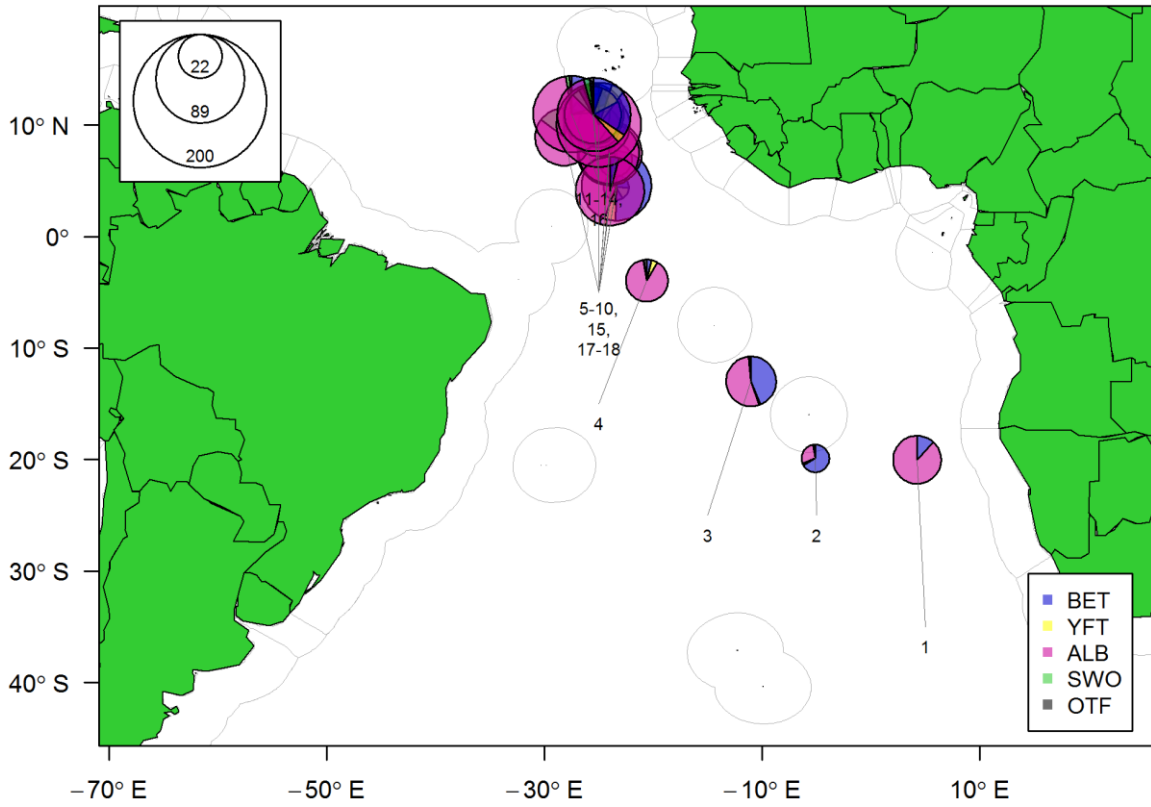


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	7
	10

5 Summary of Transhipments Observed.

Table 2: Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	15/04/16	20°01.349 S	004°14.198 E	00:26	100.00%
2				Yes	15/04/16	19°54.02 S	005°06.32 W	03:50	100.00%
3				Yes	18/04/16	12°59.195 S	011°00.918 W	01:30	100.00%
4				Yes	21/04/16	03°57.153 S	020°35.452 W	02:45	100.00%
5				Yes	23/04/16	04°24.631 N	023°24.807 W	03:10	100.00%
6				Yes	23/04/16	04°32.91 N	023°22.845 W	03:10	100.00%
7				Yes	24/04/16	06°52.626 N	023°30.911 W	04:00	100.00%
8				Yes	25/04/16	07°29.146 N	024°01.362 W	01:00	100.00%
9				Yes	25/04/16	07°26.932 N	024°04.497 W	02:55	100.00%
10				Yes	26/04/16	08°55.27 N	028°14.192 W	03:05	100.00%
11				Yes	27/04/16	10°59.051 N	027°31.689 W	04:40	100.00%
12				Yes	28/04/16	10°56.871 N	025°30.482 W	06:10	100.00%
13				Yes	29/04/16	10°54.72 N	025°33.53 W	03:04	100.00%
14				Yes	30/04/16	10°56.417 N	025°28.074 W	04:00	100.00%
15				Yes	01/05/16	09°59.41 N	025°01.35 W	01:30	100.00%
16				Yes	02/05/16	10°00.651 N	025°01.228 W	00:25	100.00%
17				Yes	02/05/16	09°51.329 N	024°59.914 W	01:35	100.00%
18				Yes	10/05/16	04°04.106 N	023°59.565 W	02:25	100.00%

Table 3: Summary of vessel / observer estimated figures.

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	4.19	4.517	2.519	2.829	1.14	1.32	1.642	1.853	9.491	10.519	1.03	9.77%
2	32.957	36.585	40.59	43.445	1.527	1.568	4.554	4.492	79.628	86.09	6.46	7.51%
3	22.32	20	0	0	0	0	0	0	22.32	20	-2.32	-11.60%
4	66.254	67.22	4.875	6.52	0	0	0	0	71.129	73.74	2.61	3.54%
5	64.648	64.5	0	0	0	0	0	0	64.648	64.5	-0.15	-0.23%
6	44.366	46.258	2.25	3.119	8.409	8.409	0	0	55.025	57.786	2.76	4.78%
7	59.864	56.65	2.701	3.62	8.627	8.311	0	0	71.192	68.581	-2.61	-3.81%
8	32.065	30.91	0	0	0	0	0	0	32.065	30.91	-1.16	-3.74%
9	79.172	79.872	2.166	3.549	0	0	0	0	81.338	83.421	2.08	2.50%
10	55.043	60.147	3.466	4.853	0	0	0	0	58.509	65	6.49	9.99%
11	81.379	76.676	22.339	21.495	2.065	1.658	2.954	3.13	108.737	102.959	-5.78	-5.61%
12	97.704	105.587	4.028	6.324	3.777	2.592	6.521	6.479	112.03	120.982	8.95	7.40%
13	39.251	40.079	4.123	3.164	2.623	2.331	6.749	6.692	52.746	52.266	-0.48	-0.92%
14	54.619	54.4	32.64	32.7	4.339	2.62	3.694	3.88	95.292	93.6	-1.69	-1.81%
15	29.582	27.73	1.282	1.131	0.084	0.168	1.497	1.475	32.445	30.504	-1.94	-6.36%
16	2.582	3.747	10.707	9.036	0.329	0.281	0.538	0.469	14.156	13.533	-0.62	-4.60%
17	24.977	23.496	19.858	19.475	1.096	0.606	0.054	0.402	45.985	43.979	-2.01	-4.56%
18	37.566	35.946	3.635	4.806	0	0	0	0	41.201	40.752	-0.45	-1.10%

Comments:

Transshipment No.3; The observer found accurate estimation count difficult due to large strings and rapid transfer time.

6 Species and weight transferred

The vessel contained about 300 tons of tuna obtained from transshipments in the Atlantic Ocean, when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 3 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	0.00	0.00%	0.02	0.00%
Albacore	<i>Thunnus alalunga</i>	All	14.12	1.35%	14.55	1.37%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	10.73	1.02%	10.39	0.98%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	1.83	0.17%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	828.54	79.06%	834.32	78.77%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.00	0.00%	2.05	0.19%
Opah	<i>Lampris guttatus</i>	All	0.61	0.06%	0.63	0.06%
Striped marlin	<i>Tetrapturus audax</i>	All	0.30	0.03%	0.20	0.02%
Swordfish	<i>Xiphias gladius</i>	All	34.02	3.25%	13.14	1.24%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	3.37	0.32%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	13.35	1.26%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	1.13	0.11%
Spanish mackerel	<i>Scomberomorus tritor</i>	All	0.92	0.09%	0.21	0.02%
Yellowfin tuna	<i>Thunnus albacares</i>	All	157.18	15.00%	166.07	15.68%

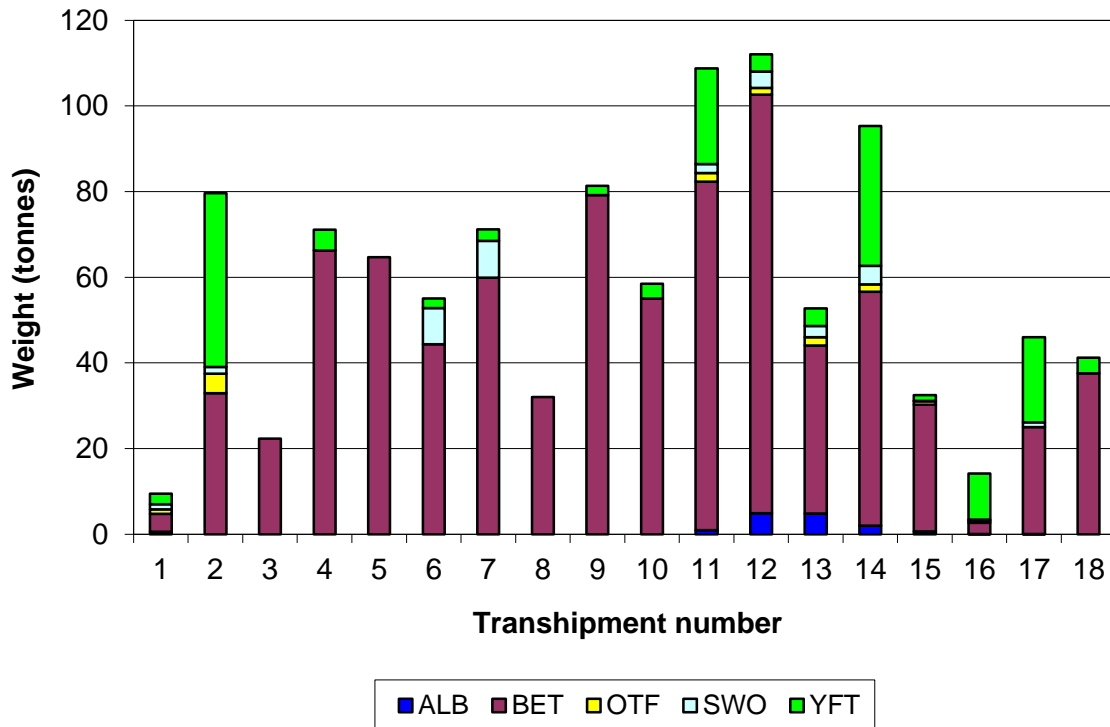


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 4 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	19.89
Atlantic blue marlin	<i>Makaira nigricans</i>	80.66
Atlantic sailfish	<i>Istiophorus albicans</i>	14.98
Bigeye tuna	<i>Thunnus obesus</i>	48.12
Opah	<i>Lampris guttatus</i>	9.50
Striped marlin	<i>Tetrapturus audax</i>	22.92
Swordfish	<i>Xiphias gladius</i>	66.18
West African Spanish mackerel	<i>Scomberomorus tritor</i>	8.11
Yellowfin tuna	<i>Thunnus albacares</i>	49.18

Comments:

The 5 main species transhipped were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*) swordfish (*Xiphias gladius*) albacore (*Thunnus alalunga*) and Atlantic blue marlin (*Makaira nigricans*).

The main product type used on the bigeye tuna, yellowfin tuna (*T. albacares*) and Atlantic blue marlin (*Makaira nigricans*) was gilled and gutted (GG) with the gills and guts are removed and the head is left intact. Albacore (*T. alalunga*) were kept in the round (RD) with the fish left whole and intact. Swordfish (*X. gladius*) and other fish were dressed (DR) where the head and guts are removed.

The total estimated weight was obtained by using the LSTLV average weight and the observers estimated count.

7 Southern bluefin tuna transhipments.

No southern bluefin tuna (*Thunnus maccoyii*) were transhipped at sea on this deployment.

8 LSTLV Inspections

Table 5 Summary of inspections made onboard LSTLVs.

Inspections were carried out by the observer on the following vessels

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Yes	15/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	14/04/16
2			Yes	15/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	13/04/16
3			Yes	18/04/16	Yes	Yes	Yes	Yes	Yes	01/11/19	Yes	Yes	Yes	Yes	Yes	PB	17/04/16
4			Yes	21/04/16	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	No	Yes	PB	19/04/16
5			Yes	23/04/16	Yes	Yes	Yes	Yes	Yes	05/08/19	Yes	Yes	Yes	Yes	Yes	PB	21/04/16
6			Yes	23/04/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	22/04/16
7			Yes	24/04/16	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	24/04/16
8			Yes	25/04/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	24/04/16
9			Yes	25/04/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	PB	24/04/16
10			Yes	26/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	24/06/16
11			Yes	27/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	24/04/16
12			Yes	28/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/04/16
13			Yes	29/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	11/04/16
14			Yes	30/04/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	16/04/16
15			Yes	01/05/16	Yes	Yes	Yes	Yes	Yes	17/07/17	Yes	Yes	Yes	Yes	Yes	EL	16/04/16
16			Yes	02/05/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	30/04/16
17			Yes	02/05/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	30/05/16
18			Yes	10/05/16	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Yes	Yes	Yes	Yes	PB	09/05/16

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 6 **Comments from inspections**

TS No.	Vessel Name	Comments
1		The observer issued a PNC to the LSVLP for the logbook pages not numbered and the logbook not bound as the electronic logbook could not be produced to the observer when requested.
2		No comment.
3		No comment.
4		The observer was shown a VMS unit which did not appear on the VMS guide provided. This unit was switched on. The observer was also shown an Argos VMS unit which had power switch in the on position but the power light was not illuminated. The observer issued the captain a PNC for VMS no power on(VNP)
5		No comment.
6		The name of LSVLP obscured by algae, a PNC was issued to the captain.
7		No comment.
8		The name and registration mark of the LSVLP hidden by algae and rust and not visible from a distance. A PNC was issued to the Captain.
9		No comment.
10		The vessel could not show an electronic logbook as there was not a computer on board. The logbook was printed, unbound and the pages did not reflect page numbers. A PNC was issued to the LSVLP captain for the non-compliant logbook. The ATF was not available in an English format.
11		No comment.
12		No comment.
13		No comment.
14		The LSVLP did not have the logbook in the prescribed electronic format. The logbooks produced were printed and unbound. The pages were manually marked with page numbers A PNC was issued and copy given to the captain.
15		No comment.

TS No.	Vessel Name	Comments
16		No comment.
17		No comment.
18		No comment.

Table 10 PNC reports issued during the voyage

Transshipment No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			1	LNN	LNB	
4			2	VNL		
6			3	IIM		
8			4	IIM		
10			5	LNB	LNN	
14			6	LNB	LNN	

8.1 Verifying vessel name / RFMO number and National Registration Number.

All vessels compliant with regard to names, call signs and registration marks

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs had in-date fishing licences on board.

The LSPLVs XXX, XXX and XXX could not produce the prescribed Japanese electronic format logbooks. These LSPLVs all produced printed and unbound log sheets.

The LSPLV XXX was fitted with an unusual VMS system (Figure 4) not listed on the VMS guide provided to the observer. In addition, the ship was fitted with an XXXunit that was not functioning at the time of the inspection (Figure 5).

9 Other Observer Tasks.

9.1 CV waste disposal.

All waste was separated and retained on board in colour coded bins. Kitchen waste was dumped at sea.

Figure 10 Waste bins on board the XXX

9.2 Unidentified or IUU vessels.

None IUU vessels were sighted.

9.3 Marine mammals.

Table 7 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
10/04/16	16.45	33° 41.69S	18° 11.047E	Brydes whales <i>Balaenoptera edeni</i>	18-20	Feeding
12/04/16	11.10	3° 42.568S	20° 03.723W	Common dolphins <i>Delphinus delphis</i>	20+	Travelling

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 In-port transhipments (Sao Vicente, Cape Verde)

No	Name	RFMO No	Latitude	Longitude	Bigeye	Yellowfin	Swordfish	Other	Total
1			16 53.02N	25 00.33W	77.817	7.383	0.858	38.827	124.885
2			16 53.02N	25 00.33W	89.841	17.556	2.785	38.751	148.933

ICCAT

Observer Report



Trip Number:	183-16
Vessel Name:	GENTA MARU
ICCAT Ref. No.	AT000LBR00006
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 07/05/2016 to 28/06/2016

1 Cruise Summary

In accordance with the bilateral agreement between TOEI REEFER LINE, LTD. and Capfish, A.T. Dimitrov (ROP No.117) joined the Liberian registered Carrier Vessel (CV) GENTA MARU RFMO (No. AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 07/05/2016 to 28/06/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	GENTA MARU	Call sign:	D5JO9
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	TOEI REEFER LINE, LTD.	Charterer:	TOEI REEFER LINE, LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2295.169mt.
Size (GRT):	3989t.	Length (LOA):	99.06m.
On-board acoustic equipment:	JRC		
Position fixing equipment:	JRC		
Vessel monitoring system (present/absent):	CLS (LEO) present		
Radar:	Tokyo Keiki		
Communications equipment:	JRC		
Plotters:	Electronic chart CPN		
Tuna products already on board (Quantity)	0t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	07/05/2016
Method of embarkation*	portside
Date of departure	08/05/2016
Date of first transshipment	12/05/2016
Date of last transshipment	19/06/2016
Date of return	28/06/2016
Date of disembarkation	28/06/2016
Method of disembarkation*	portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 41 transhipments at sea, the locations are shown in detail in

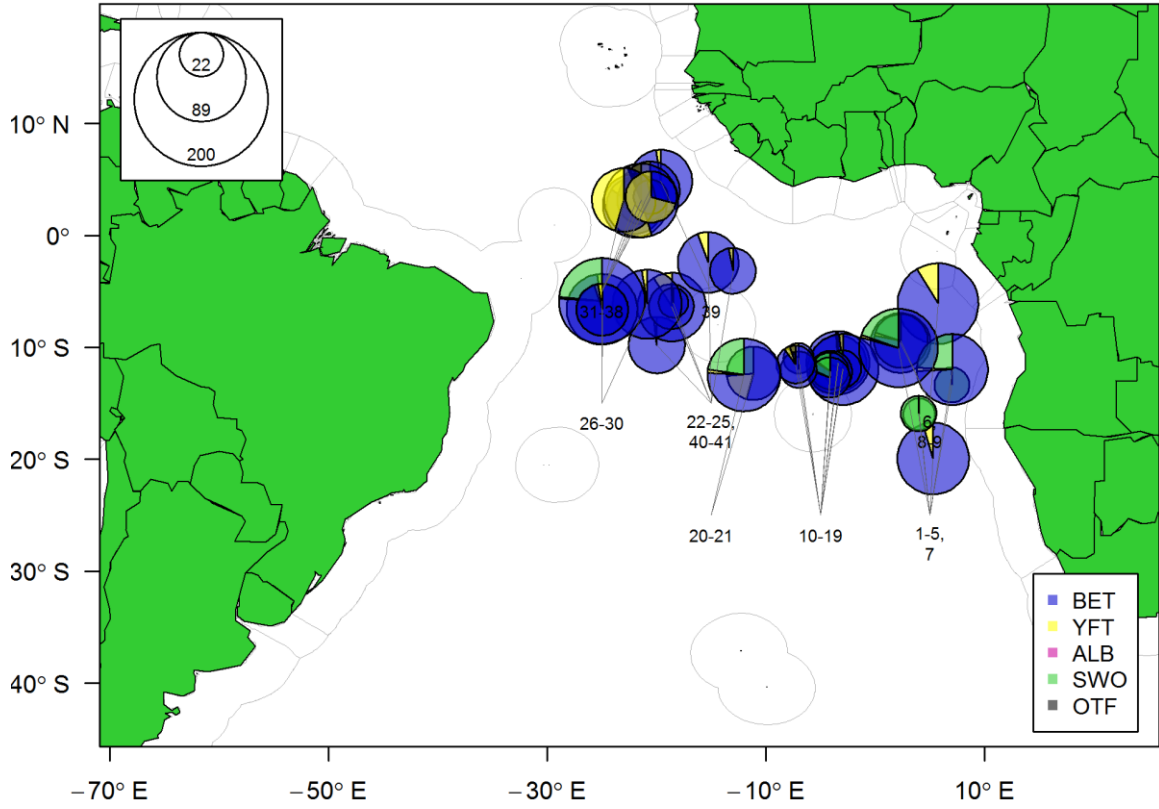


Figure 1. The numbers received by nationality of vessel are given in Table 1.

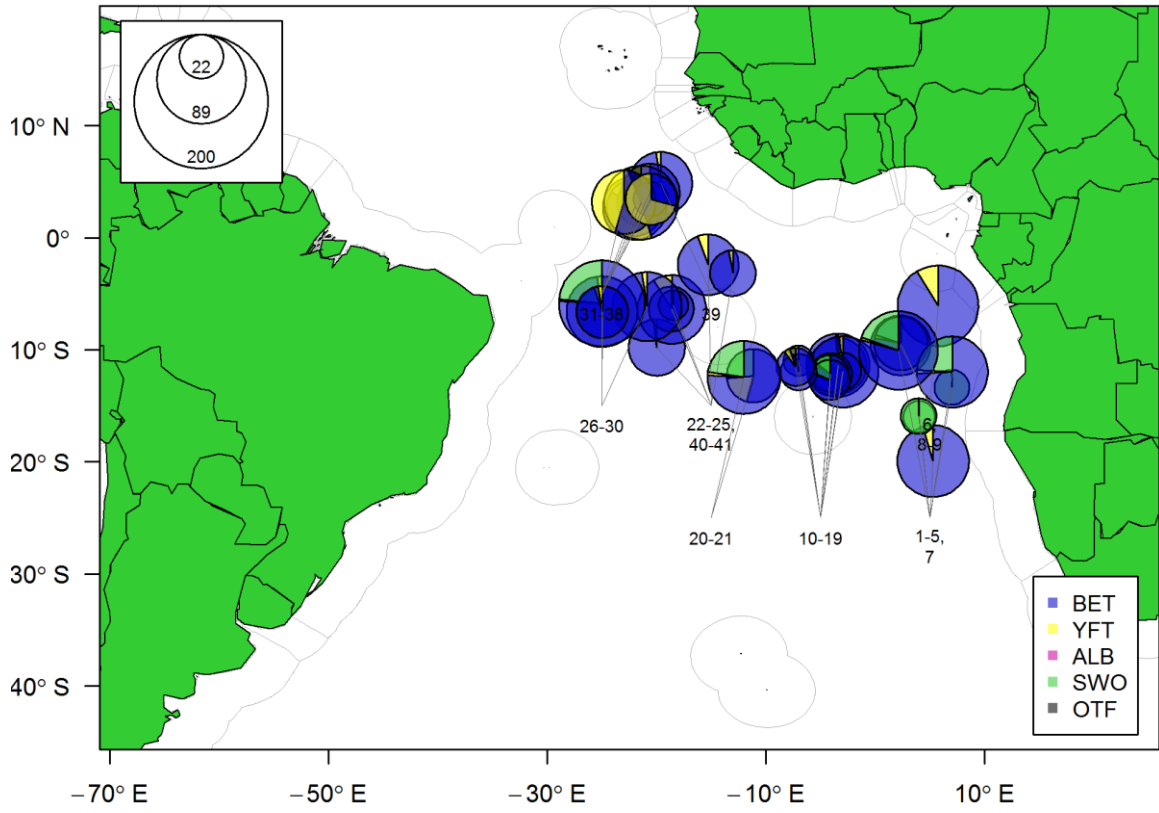


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	12
	24
	2
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments

No	Name	RFMO No	Flag	Observed	Date	Latitude	Longitude	Duration	Success
1				Yes	12/05/2016	19°55.728 S	005°17.012 E	02:50	100.00%
2				Yes	13/05/2016	15°58.257 S	004°00.035 E	02:25	100.00%
3				Yes	13/05/2016	15°55.417 S	003°57.366 E	01:55	100.00%
4				Yes	14/05/2016	13°20.934 S	006°59.777 E	04:08	100.00%
5				Yes	15/05/2016	11°58.995 S	007°02.817 E	03:27	100.00%
6				Yes	17/05/2016	06°04.733 S	005°43.89 E	04:20	100.00%
7				Yes	19/05/2016	10°03.031 S	002°06.764 E	00:35	100.00%
8				Yes	20/05/2016	09°36.376 S	002°17.953 E	04:23	100.00%
9				Yes	20/05/2016	09°25.611 S	002°20.381 E	02:25	100.00%
10				Yes	24/05/2016	11°26.008 S	003°21.956 W	02:45	100.00%
11				Yes	24/05/2016	11°22.686 S	003°25.669 W	03:45	100.00%
12				Yes	25/05/2016	11°58.142 S	002°57.979 W	01:50	100.00%
13				Yes	25/05/2016	11°55.309 S	002°59.615 W	00:35	100.00%
14				Yes	26/05/2016	12°11.92 S	004°03.877 W	03:10	100.00%
15				Yes	26/05/2016	12°06.473 S	004°08.726 W	02:00	100.00%
16				Yes	27/05/2016	12°41.533 S	004°08.726 W	04:40	100.00%
17				Yes	28/05/2016	10°58.251 S	007°00.943 W	04:40	100.00%
18				Yes	30/05/2016	11°59.298 S	007°00.883 W	05:55	100.00%
19				Yes	31/05/2016	11°31.667 S	007°17.61 W	02:20	100.00%
20				Yes	01/06/2016	12°19.347 S	011°08.763 W	02:15	100.00%
21				Yes	02/06/2016	12°27.407 S	012°00.714 W	05:00	100.00%
22				Yes	04/06/2016	09°47.685 S	019°59.663 W	03:15	100.00%
23				Yes	05/06/2016	06°24.359 S	018°36.558 W	03:10	100.00%
24				Yes	05/06/2016	06°21.538 S	018°39.438 W	02:05	100.00%
25				Yes	06/06/2016	06°00.482 S	018°27.744 W	03:10	100.00%
26				Yes	07/06/2016	06°08.638 S	020°51.472 W	04:35	100.00%
27				Yes	08/06/2016	06°38.654 S	024°57.506 W	01:00	100.00%

No	Name	RFMO No	Flag	Observed	Date	Latitude	Longitude	Time	Percentage
28				Yes	08/06/2016	06°37.66 S	024°58.47 W	01:45	100.00%
29				Yes	08/06/2016	06°36.142 S	024°59.905 W	00:45	100.00%
30				Yes	09/06/2016	05°51.05 S	025°00.913 W	01:10	100.00%
31				Yes	11/06/2016	02°40.132 N	021°59.985 W	00:45	100.00%
32				Yes	11/06/2016	02°39.99 N	022°00.415 W	00:45	100.00%
33				Yes	12/06/2016	03°07.456 N	021°24.904 W	01:25	100.00%
34				Yes	12/06/2016	03°09.727 N	021°24.96 W	02:10	100.00%
35				Yes	13/06/2016	03°59.432 N	020°35.12 W	05:40	100.00%
36				Yes	14/06/2016	03°09.912 N	023°00.509 W	04:50	100.00%
37				Yes	15/06/2016	03°25.635 N	020°30.399 W	02:45	100.00%
38				Yes	15/06/2016	03°27.089 N	020°32.532 W	02:15	100.00%
39				Yes	16/06/2016	04°51.576 N	019°37.582 W	01:10	100.00%
40				Yes	18/06/2016	02°24.941 S	015°17.234 W	05:20	100.00%
41				Yes	19/06/2016	03°09.799 S	013°01.121 W	05:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	66.912	66.832	1.68	1.567	0	0	0	0	68.592	68.399	-0.19	-0.28%
2	47.25	47.053	8.823	8.621	0	0	0	0	56.073	55.674	-0.40	-0.72%
3	37.499	37.5	2.499	2.5	0	0	0	0	39.998	40	0.00	0.00%
4	53.032	53.235	6.631	6.63	0	0	0	0	59.663	59.865	0.20	0.34%
5	69.773	70.082	0.386	0.386	0	0	0	0	70.159	70.468	0.31	0.44%
6	42.751	42.751	45.538	45.69	0.67	0.658	5.255	5.254	94.214	94.353	0.14	0.15%
7	19.624	19.624	0.655	0.655	0	0	0	0	20.279	20.279	0.00	0.00%
8	38.393	38.393	31.716	31.948	0	0	0	0	70.109	70.341	0.23	0.33%
9	13.199	13.144	32.352	32.215	0	0	0	0	45.551	45.359	-0.19	-0.42%
10	52.212	54.321	0.742	0.896	0	0	0	0	52.954	55.217	2.26	4.10%
11	74.119	74.671	7.363	7.363	0	0	0	0	81.482	82.034	0.55	0.67%
12	35.438	35	0	0	0	0	0	0	35.438	35	-0.44	-1.25%
13	14.575	15.05	0.3	0.3	0	0	0	0	14.875	15.35	0.48	3.09%
14	59.731	60.225	3.213	3.697	0	0	0	0	62.944	63.922	0.98	1.53%
15	35.188	35.188	1.094	1.094	0	0	0	0	36.282	36.282	0.00	0.00%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
16	79.807	80.526	2.185	2.23	0	0	0	0	81.992	82.756	0.76	0.92%
17	84.827	85	1.805	1.858	0	0	0	0	86.632	86.858	0.23	0.26%
18	94.2	96.801	0.9	1.037	34.925	30	0	0	130.025	127.838	-2.19	-1.71%
19	44.074	43.559	2.497	2.309	0	0	0	0	46.571	45.868	-0.70	-1.53%
20	45.569	45.52	1.276	1.276	0	0	0	0	46.845	46.796	-0.05	-0.10%
21	102.532	103.133	9.677	9.866	0	0	0	0	112.209	112.999	0.79	0.70%
22	61.798	61.275	0.63	0.647	0	0	0	0	62.428	61.922	-0.51	-0.82%
23	39.96	39.154	0.935	0.932	9.984	10	0	0	50.879	50.086	-0.79	-1.58%
24	53.592	53.151	0.44	0.731	0	0	0	0	54.032	53.882	-0.15	-0.28%
25	68.266	68.651	0.444	0.586	0	0	0	0	68.71	69.237	0.53	0.76%
26	84.582	86.005	1.35	1.471	0	0	0	0	85.932	87.476	1.54	1.77%
27	18.9	19.2	0.18	0.2	4.488	4.535	0	0	23.568	23.935	0.37	1.53%
28	26.013	26.145	0.455	0.452	4.536	4.566	0	0	31.004	31.163	0.16	0.51%
29	20.276	20	0.3	0.244	3.51	3.519	0	0	24.086	23.763	-0.32	-1.36%
30	21.912	22.596	0.22	0.22	4.5	5.222	0	0	26.632	28.038	1.41	5.01%
31	13.986	13.86	2.128	2.145	0	0	0	0	16.114	16.005	-0.11	-0.68%
32	22.848	22.767	0	0	0	0	0	0	22.848	22.767	-0.08	-0.36%
33	22.725	22.475	1.26	1.172	0	0	1.305	1.301	25.29	24.948	-0.34	-1.37%
34	27.775	26.751	9.385	9.433	13.52	13.079	0	0	50.68	49.263	-1.42	-2.88%
35	69.977	70.046	1.433	1.462	20.615	20.768	0	0	92.025	92.276	0.25	0.27%
36	83.145	84.753	3.112	4.183	0	0	0	0	86.257	88.936	2.68	3.01%
37	0	0	0	0	17.563	17.563	0	0	17.563	17.563	0.00	0.00%
38	0	0	0	0	21.411	22.048	0	0	21.411	22.048	0.64	2.89%
39	0	0	0	0	21.158	21.146	0	0	21.158	21.146	-0.01	-0.06%
40	64.128	65.157	1.353	1.369	21.479	21.223	0	0	86.96	87.749	0.79	0.90%
41	84.082	85.084	1.284	1.215	21.27	21.009	0	0	106.636	107.308	0.67	0.63%

Comments: Transshipment No.37, XXX. Some of the received swordfish (*Xiphias gladius*) appeared to be contaminated by diesel. All the fish from this transshipment was separated from main hold and placed in refrigerated container.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**. A breakdown by transshipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	0.105	0.00%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	0.105	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	5.691	0.25%	5.693	0.25%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.204	0.01%	0.203	0.01%
Bigeye tuna	<i>Thunnus obesus</i>	All	1894.67	82.84%	1904.678	82.99%
Black marlin	<i>Makaira indica</i>	All	0.056	0.00%	0.056	0.00%
Oilfish	<i>Ruvettus pretiosus</i>	All	0.25	0.01%	0.239	0.01%
Opah	<i>Lampris guttatus</i>	All	0.114	0.01%	0.114	0.01%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.07	0.00%	0.072	0.00%
Swordfish	<i>Xiphias gladius</i>	All	45.653	2.00%	10.00	0.44%
Swordfish	<i>Xiphias gladius</i>	N	102.017	4.46%	107.963	4.70%
Swordfish	<i>Xiphias gladius</i>	S	51.959	2.27%	77.373	3.37%
Wahoo	<i>Acanthocybium solandri</i>	All	0.07	0.00%	0.073	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	186.241	8.14%	188.60	8.22%

Comments: The main species transhipped during this voyage was bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*) and swordfish (*Xiphias gladius*).

Albacore (*Thunnus alalunga*), marlins, sailfishes etc. nei (*Istiophoridae*), oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*), atlantic spanish mackerel (*Scomberomorus maculatus*) and wahoo (*Acanthocybium solandri*) were transhipped in relatively small amounts.

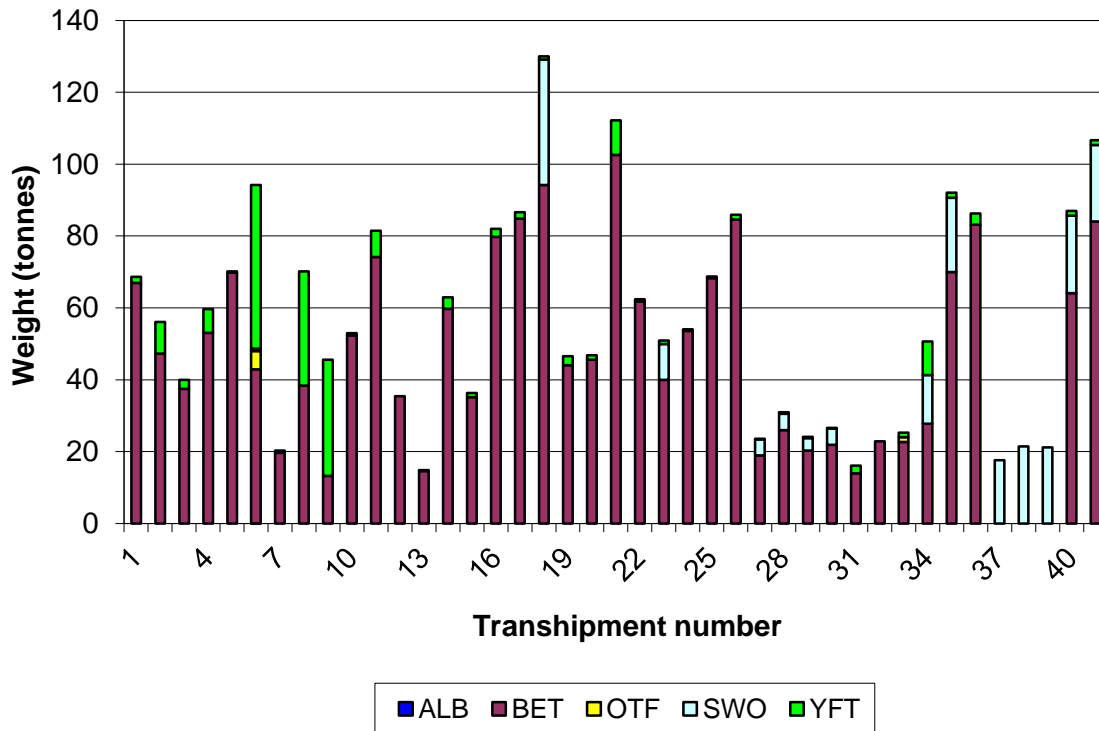


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	21.00
Atlantic blue marlin	<i>Makaira nigricans</i>	72.96
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	9.27
Bigeye tuna	<i>Thunnus obesus</i>	47.36
Black marlin	<i>Makaira indica</i>	56.00
Oilfish	<i>Ruvettus pretiosus</i>	10.00
Opah	<i>Lampris guttatus</i>	9.50
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	10.00
Swordfish	<i>Xiphias gladius</i>	51.45
Wahoo	<i>Acanthocybium solandri</i>	10.00
Yellowfin tuna	<i>Thunnus albacares</i>	36.99

Comments: Average weight for each species was obtained from the declaration form and occasionally estimated by observer, it was calculated by dividing the total declared weight with the total number of fish observed or declared for each species transhipped.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLV's.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Yes	12/05/16	Yes	Yes	Yes	Yes	Yes	18/08/19	Yes	Yes	Yes	Yes	Yes	PB	11/05/16
2			Yes	13/05/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	12/05/16
3			Yes	13/05/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	13/05/16
4			Yes	14/05/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	14/05/16
5			Yes	15/05/16	Yes	Yes	Yes	Yes	Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	PB	15/05/16
6			Yes	17/05/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	17/05/16
7			Yes	19/05/16	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	Yes	Yes	PB	18/05/16
8			Yes	20/05/16	Yes	Yes	Yes	Yes	Yes	10/04/17	Yes	Yes	Yes	Yes	Yes	PB	20/05/16
9			Yes	20/05/16	Yes	Yes	Yes	Yes	Yes	08/06/18	Yes	Yes	Yes	Yes	Yes	PB	19/05/16
10			Yes	24/05/16	Yes	Yes	Yes	Yes	Yes	01/11/19	Yes	Yes	Yes	Yes	Yes	PB	23/05/16
11			Yes	24/05/16	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	24/05/16
12			Yes	25/05/16	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	Yes	Yes	Yes	Yes	PB	24/05/16
13			Yes	25/05/16	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	25/05/16
14			Yes	26/05/16	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Yes	Yes	Yes	Yes	PB	25/05/16
15			Yes	26/05/16	Yes	Yes	Yes	Yes	Yes	24/01/17	Yes	Yes	Yes	Yes	Yes	PB	26/05/16
16			Yes	27/05/16	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	27/05/16
17			Yes	28/05/16	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Yes	Yes	Yes	Yes	PB	28/05/16
18			Yes	30/05/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	28/05/16
19			Yes	31/05/16	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Yes	Yes	Yes	Yes	PB	30/05/16
20			Yes	01/06/16	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Yes	Yes	Yes	Yes	PB	31/05/16

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
21			Yes	02/06/16	Yes	Yes	Yes	Yes	Yes	26/10/19	Yes	Yes	Yes	Yes	Yes	PB	02/06/16
22			Yes	04/06/16	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	03/06/16
23			Yes	05/06/16	Yes	Yes	Yes	Yes	Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	PB	04/06/16
24			Yes	05/06/16	Yes	Yes	Yes	Yes	Yes	05/11/16	Yes	Yes	Yes	Yes	Yes	PB	05/06/16
25			Yes	06/06/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	06/06/16
26			Yes	07/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	06/06/16
27			Yes	08/06/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	06/06/16
28			Yes	08/06/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	06/06/16
29			Yes	08/06/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	06/06/16
30			Yes	09/06/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	08/06/16
31			Yes	11/06/16	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	10/06/16
32			Yes	11/06/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	PB	11/06/16
33			Yes	12/06/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	11/06/16
34			Yes	12/06/16	Yes	Yes	Unk	Yes	Yes	05/08/19	Yes	Yes	Yes	Yes	Yes	PB	10/06/16
35			Yes	13/06/16	Yes	Yes	No	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/06/16
36			Yes	14/06/16	No	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/06/16
37			Yes	15/06/16	Yes	Yes	No	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	14/06/16
38			Yes	15/06/16	Yes	Yes	No	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	14/06/16
39			Yes	16/06/16	Yes	Yes	No	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	16/06/16
40			Yes	18/06/16	Yes	Yes	No	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	18/06/16
41			Yes	19/06/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	19/06/16

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 6 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			No comment.
2			The fouling on the bow of the vessel partially obscured the vessel name and National Registration Number (NRN).
3			The fouling on the bow of the vessel partially obscured the vessel name and National Registration Number (NRN).
4			No comment.
5			No comment.
6			No comment.
7			No comment.
8			No comment.
9			No comment.
10			No comment.
11			No comment.
12			No comment.
13			No comment.
14			No comment.
15			No comment.
16			No comment.
17			No comment.
18			The logbook presented during the inspection was not bound and the sheets were not numbered. This LSPLV did not have an electronic logbook on board.
19			No comment.
20			The vessel name and NRN on the bow of the LSPLV was partially worn and covered by fouling.
21			No comment.
22			No comment.
23			The vessel name and NRN displayed on the bow of the LSTLV was not clear due algae growth.
24			No comment.

TS No.	Vessel Name	ICCAT No.	Comments
25			The NRN on the bow of the LSPLV was not visible due to fouling.
26			The English name on the bow of the LSPLV was not visible due to the fouling on the hull. No English name was displayed on the stern of the vessel.
27			The LSPLV did not display the NRN.
28			The LSPLV did not display the NRN.
29			The LSPLV did not display the NRN.
30			The LSPLV did not display the NRN.
31			No comment.
32			No comment.
33			No comment.
34			Part of the LSPLV name and the NRN on the bow of the LSPLV was not visible due to fouling.
35			The LSPLV displayed only part of the NRN reflected in the ICCAT vessel list.
36			The LSPLV displayed the name XXX. This vessel name did not concur with the vessel name XXX provided in the ICCAT vessel list and the ATF. The NRN was displayed on the LSPLV.
37			No comment.
38			No comment.
39			No comment
40			No comment
41			No comment

Table 10 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
1	30/05/2016			LNV/LNN
2	07/06/2016			INN/IMM
3	08/06/2016			PNC withdrawn
4	09/06/2016			PNC withdrawn
5	12/06/2016			IMM
6	14/06/2016			IMM

Comments.

Transshipment No.18, LSPLV: XXX. The LSPLV was using a printed and unbound fishing logbook (Figure 5). The observer specifically requested to see the electronic logbook used by XXX LSPLVs but this was not on board. PNC #1 was issued.

Transshipment No.26, LSPLV: XXX. The vessel name markings on the bow was not legible (Figure 8) and no English name was displayed on the stern of the ship. PNC #2 was issued.

Transshipment No.29, LSPLV: XXXThe LSPLV did not display an English name on the stern. The observer issued PNC #3 but this was withdrawn after consultation.

Transshipment No.30, LSPLV: XXX. The LSPLV did not display an English name on the stern. The observer issued PNC #4 but this was withdrawn after consultation.

Transshipment No.34, LSPLV: XXX. The vessel name and NRN on the bow of the LSPLV was not visible (Figure 10).

Transshipment No.36, LSPLV: XXXThe LSPLV displayed the name XXX (Figure 11). This vessel name did not concur with the vessel name XXX provided in the ICCAT vessel list and the ATF. PNC #6 was issued.

8.1 Verifying vessel name / RFMO number and National Registration Number.

All LSPLVs could be clearly identified.

8.2 Issues with Fishing Licence, logbooks or VMS

All fishing licences were valid and up to date, all LSPLV's provided authorisation for transshipment at sea, VMS units were switched on and logbooks were filled in.

Transshipment No.18, LSPLV: XXXCall Sign:xx, ICCAT No. XXX. The logbook presented during the inspection was not bound and the sheets were not numbered and no electronic logbook was at present on board LSPLV.

9 Other Observer Tasks.

9.1 CV waste disposal

Garbage was retained on board or incinerated, food waste discarded at sea.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during the trip.

9.3 Marine mammals.

No marine mammals were seen or observed during the voyage.

Table 7 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	184 - 16
Vessel Name:	Chikuma
ICCAT Ref. No.	AT000LBR00003
Observer Name:	B. Rose
Cruise Dates:	From: 27/05/2016 to 25/07/2016

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries monitoring cc., Mr. Barrie Rose (ICCAT No. 026) joined the Liberian registered Carrier Vessel (CV) CHIKUMA (AT000LBR00003) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 27/05/2016 to 25/07/2016. The CV did not make a port call after exiting the ICCAT area on the 25/07/2016 and the observer remained on board to monitor IOTC transshipments.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	CHIKUMA	Call sign:	D5JI4
Port of registration:	Port Villa	Flag State:	Liberia
Owner:	Oceanwide Fishing S.A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2.930 ³ t
Size (GRT):	6558	Length (LOA):	134.15m
On-board acoustic equipment:	Echo sounder Furuno FE – 700		
Position fixing equipment:	GPS 2 x Furuno GP – 150		
Vessel monitoring system (present/absent):	Thorium TST – 100 (Iridium)		
Radar:	2 x Furuno MU – 190		
Communications equipment:	2 x Furuno SSB radiotel. Console RC1000 FS, 2 x Furuno VHF radiotel. Console FM8900S , Email, Inmarsat C, Sat. Tel. Fax, Navtex.		
Plotters:	N/A		
Tuna products already on board (Quantity)	0 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Panama
Date of embarkation	27/05/2016
Method of embarkation*	Transfer vessel in port
Date of departure	27/05/2016
Date of first transshipment	05/06/2016
Date of last transshipment	21/07/2016
Date of exit from ICCAT area (crossing 20°E)	25/07/2016
Date of return	21/08/2016
Date of disembarkation	21/08/2016
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 39 transshipments at sea, the locations are shown in detail in

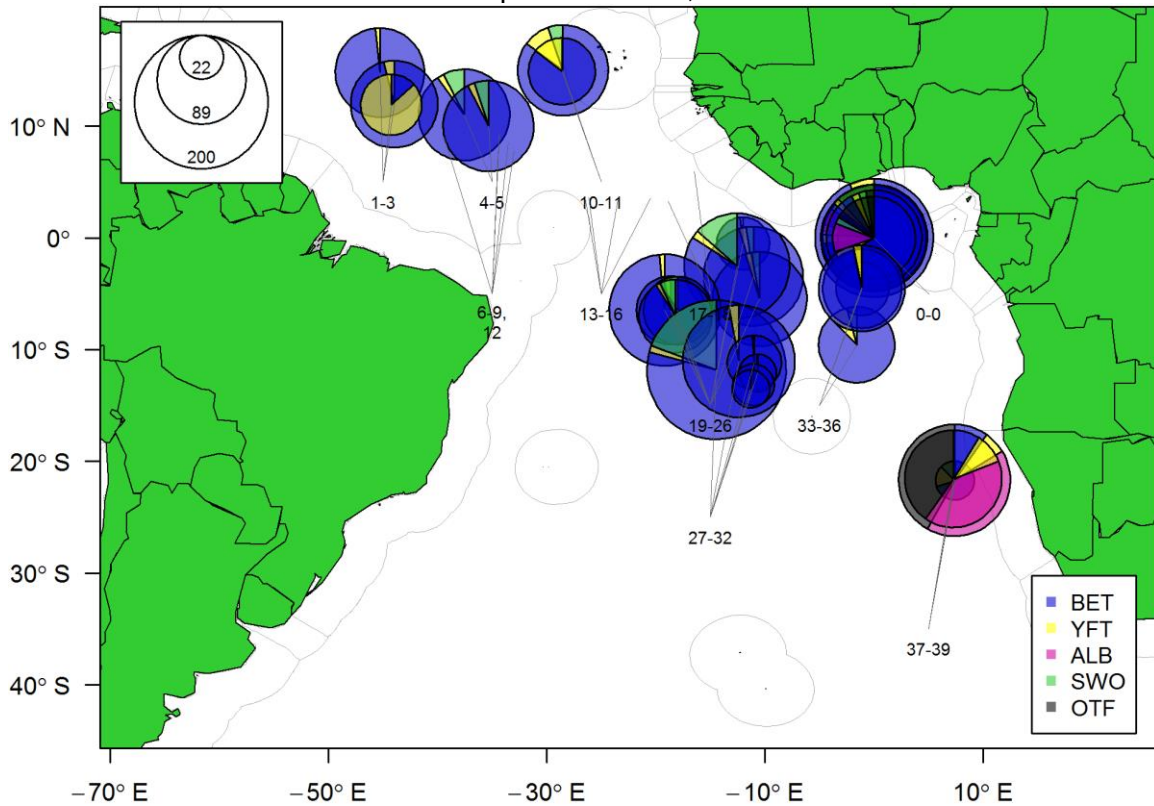


Figure 1. The numbers received by nationality of vessel are given in Table 1.

The CV steamed directly to the Indian Ocean to continue transshipments without making a port a port call. The CV crossed the 20°E longitude on 25/07/2016, when the observer effectively continued as an IOTC observer. The observer disembarked in Singapore on 21/08/2016

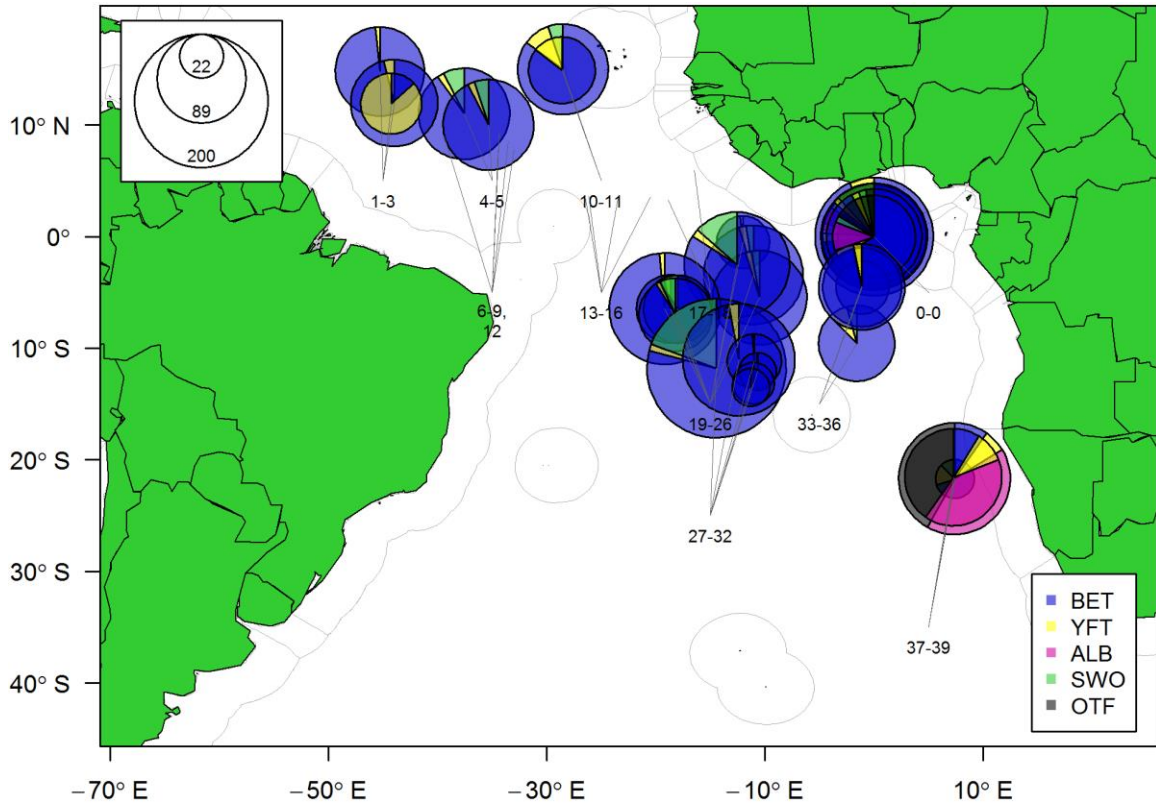


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	9
XXX	20
XXX	2
XXX	5
XXX	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1	XXX	XXX	XXX	Yes	05/06/16	14°47.817 N	045°17.821 W	03:00	100%
2	XXX	XXX	XXX	Yes	06/06/16	11°58.251 N	043°58.392 W	07:40	100%
3	XXX	XXX	XXX	Yes	06/06/16	11°54.622 N	044°15.357 W	00:45	100%
4	XXX	XXX	XXX	Yes	08/06/16	11°00.492 N	037°34.224 W	04:25	100%
5	XXX	XXX	XXX	Yes	09/06/16	10°00.584 N	035°20.687 W	06:40	100%
6	XXX	XXX	XXX	Yes	10/06/16	07°47.85 N	034°27.184 W	06:40	100%
7	XXX	XXX	XXX	Yes	11/06/16	07°45.843 N	032°59.87 W	05:35	100%
8	XXX	XXX	XXX	Yes	12/06/16	09°14.252 N	034°20.517 W	02:50	100%
9	XXX	XXX	XXX	Yes	13/06/16	08°59.868 N	039°25.775 W	05:40	100%
10	XXX	XXX	XXX	Yes	16/06/16	14°59.722 N	028°30.788 W	06:05	100%
11	XXX	XXX	XXX	Yes	16/06/16	14°54.202 N	028°36.754 W	02:25	100%
12	XXX	XXX	XXX	Yes	18/06/16	08°29.674 N	033°33.625 W	05:35	100%
13	XXX	XXX	XXX	Yes	20/06/16	03°30.73 N	026°29.558 W	02:20	100%
14	XXX	XXX	XXX	Yes	21/06/16	03°33.503 N	026°09.653 W	05:15	100%
15	XXX	XXX	XXX	Yes	22/06/16	03°23.585 N	023°29.07 W	03:35	100%
16	XXX	XXX	XXX	Yes	23/06/16	03°32.959 N	020°29.237 W	05:00	100%
17	XXX	XXX	XXX	Yes	24/06/16	03°16.011 N	018°50.249 W	03:35	100%
18	XXX	XXX	XXX	Yes	25/06/16	05°54.858 N	016°29.138 W	01:30	100%
19	XXX	XXX	XXX	Yes	27/06/16	00°30.254 S	012°00.381 W	02:10	100%
20	XXX	XXX	XXX	Yes	28/06/16	03°26.148 S	011°03.272 W	01:25	100%
21	XXX	XXX	XXX	Yes	29/06/16	05°27.929 S	010°29.194 W	03:05	100%
22	XXX	XXX	XXX	Yes	30/06/16	02°30.776 S	012°34.394 W	05:30	100%
23	XXX	XXX	XXX	Yes	02/07/16	06°27.386 S	019°10.335 W	01:25	100%
24	XXX	XXX	XXX	Yes	03/07/16	06°28.882 S	018°37.897 W	05:35	100%
25	XXX	XXX	XXX	Yes	04/07/16	06°30.363 S	018°00.362 W	03:50	100%
26	XXX	XXX	XXX	Yes	05/07/16	07°00.169 S	018°12.385 W	08:10	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
27	XXX	XXX	XXX	Yes	07/07/16	11°47.437 S	014°26.819 W	06:45	100%
28	XXX	XXX	XXX	Yes	08/07/16	11°01.782 S	012°24.239 W	02:25	100%
29	XXX	XXX	XXX	Yes	09/07/16	11°09.98 S	010°58.826 W	01:55	100%
30	XXX	XXX	XXX	Yes	10/07/16	12°04.943 S	010°40.547 W	02:45	100%
31	XXX	XXX	XXX	Yes	11/07/16	13°07.999 S	011°02.72 W	10:00	100%
32	XXX	XXX	XXX	Yes	12/07/16	13°30.847 S	011°17.518 W	05:20	100%
33	XXX	XXX	XXX	Yes	14/07/16	09°33.507 S	001°35.96 W	01:30	100%
34	XXX	XXX	XXX	Yes	16/07/16	04°33.613 S	001°04.652 W	00:30	100%
35	XXX	XXX	XXX	Yes	16/09/16	04°32.247 S	001°06.283 W	00:45	100%
36	XXX	XXX	XXX	Yes	16/07/16	04°30.351 S	001°08.071 W	01:30	100%
37	XXX	XXX	XXX	Yes	20/07/16	21°43 S	007°24.637 E	00:55	100%
38	XXX	XXX	XXX	Yes	20/07/16	21°40.668 S	007°21.766 E	05:45	100%
39	XXX	XXX	XXX	Yes	20/07/16	21°33.64 S	007°14.863 E	04:35	100%

Comments: The full duration of all transshipments were observed.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	51.073	51.125	0	0	0	0	0	0	51.073	51.125	0.05	0.10%
2	146.424	139.725	6.68	10.07	0	0	0	0	153.104	149.795	-3.31	-2.21%
3	25.971	26.179	1.222	1.448	0	0	0	0	27.193	27.627	0.43	1.57%
4	96.457	94.276	2.13	3.432	0	0	0	0	98.587	97.708	-0.88	-0.90%
5	91.42	89.769	0.933	2.425	5.349	5.22	15.549	15.274	113.251	112.688	-0.56	-0.50%
6	98.219	92.868	2.088	3.898	3.43	3.599	13.548	13.052	117.285	113.417	-3.87	-3.41%
7	83.257	83.903	1.286	3.071	3.607	3.487	14.833	14.35	102.983	104.811	1.83	1.74%
8	32.325	31.159	1.103	1.977	0	0	13.149	13.518	46.577	46.654	0.08	0.17%
9	101.528	104.062	1.222	2.298	14.014	14.302	0	0	116.764	120.662	3.90	3.23%
10	94.348	89.935	0.789	2.484	2.703	2.54	5.577	2.665	103.417	97.624	-5.79	-5.93%
11	50.334	48.821	0.795	2.386	1.711	1.946	11.989	12.275	64.829	65.428	0.60	0.92%
12	77.157	75	3.756	8.429	4.716	4.716	0	0	85.629	88.145	2.52	2.85%
13	46.44	40.83	4	6.914	0	0	0	0	50.44	47.744	-2.70	-5.65%
14	80.932	80.378	1.266	2.083	6.725	6.725	0	0	88.923	89.186	0.26	0.29%
15	81.201	81.643	1.52	2.154	7.98	4.42	0	0	90.701	88.217	-2.48	-2.82%
16	80.241	83.935	0.682	1.327	0	0	0	0	80.923	85.262	4.34	5.09%
17	79.107	78.165	1.654	3.125	0	0	0	0	80.761	81.29	0.53	0.65%
18	3.734	5.328	35.477	34.482	0	0	0	0	39.211	39.81	0.60	1.50%
19	55.116	54.526	3.458	5.114	2.514	2.619	0	0	61.088	62.259	1.17	1.88%
20	29.413	29.254	0.643	0.804	0	0	0	0	30.056	30.058	0.00	0.01%
21	65.849	64.42	1.581	2.58	0	0	0	0	67.43	67	-0.43	-0.64%
22	80.567	77.271	1.651	2.577	0	0	0	0	82.218	79.848	-2.37	-2.97%
23	28.228	29.325	0.428	0.535	0	0	0	0	28.656	29.86	1.20	4.03%
24	105.302	100.598	1.364	2.475	2.411	2.463	0	0	109.077	105.536	-3.54	-3.36%
25	91.891	91.003	1.526	1.885	2.89	2.759	0	0	96.307	95.647	-0.66	-0.69%
26	101.385	100	1.5	3	16.303	16	0	0	119.188	119	-0.19	-0.16%
27	137.014	131.03	1.369	2.13	0	0	0	0	138.383	133.16	-5.22	-3.92%
28	48.155	48.756	1.543	1.688	0	0	0	0	49.698	50.444	0.75	1.48%
29	45.301	45.301	0	0	4.602	4.602	0	0	49.903	49.903	0.00	0.00%
30	53.784	52.245	0.758	1.175	4	4	0	0	58.542	57.42	-1.12	-1.95%
31	167.683	164.056	1.358	3.394	38.207	40.055	0	0	207.248	207.505	0.26	0.12%
32	126.094	130.845	2.464	3.791	0	0	0	0	128.558	134.636	6.08	4.51%
33	31.615	31.252	0.218	0.363	0	0	0	0	31.833	31.615	-0.22	-0.69%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
34	14.819	15	0.09	0.09	0	0	0	0	14.909	15.09	0.18	1.20%
35	18.561	18.355	0	0	0	0	0	0	18.561	18.355	-0.21	-1.12%
36	15.251	15.191	0.058	0.058	0	0	0	0	15.309	15.249	-0.06	-0.39%
37	10.811	11.317	3.222	2.788	2.064	2.064	0	0	16.097	16.169	0.07	0.45%
38	12.772	13.1	8.832	8.6	0	0	57.167	56	78.771	77.7	-1.07	-1.38%
39	8.766	9.009	10.306	10.279	0	0	39.354	40.927	58.426	60.215	1.79	2.97%

Comments: Nil

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	44.19	1.49%	43.73	1.48%
Albacore	<i>Thunnus alalunga</i>	S	96.52	3.25%	96.93	3.27%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	19.92	0.67%	16.42	0.55%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.03	0.00%	0.09	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	2.47	0.08%	2.31	0.08%
Bigeye tuna	<i>Thunnus obesus</i>	All	2568.55	86.43%	2528.96	85.33%
Oilfish	<i>Ruvettus pretiosus</i>	All	2.44	0.08%	2.46	0.08%
Opah	<i>Lampris guttatus</i>	All	2.86	0.10%	2.93	0.10%
Shortfin mako	<i>Isurus oxyrinchus</i>	All	2.95	0.10%	3.53	0.12%
Striped marlin	<i>Tetrapturus audax</i>	All	1.22	0.04%	1.12	0.04%
Swordfish	<i>Xiphias gladius</i>	N	59.27	1.99%	55.79	1.88%
Swordfish	<i>Xiphias gladius</i>	S	63.95	2.15%	65.73	2.22%
Yellowfin tuna	<i>Thunnus albacares</i>	All	108.97	3.67%	145.33	4.90%

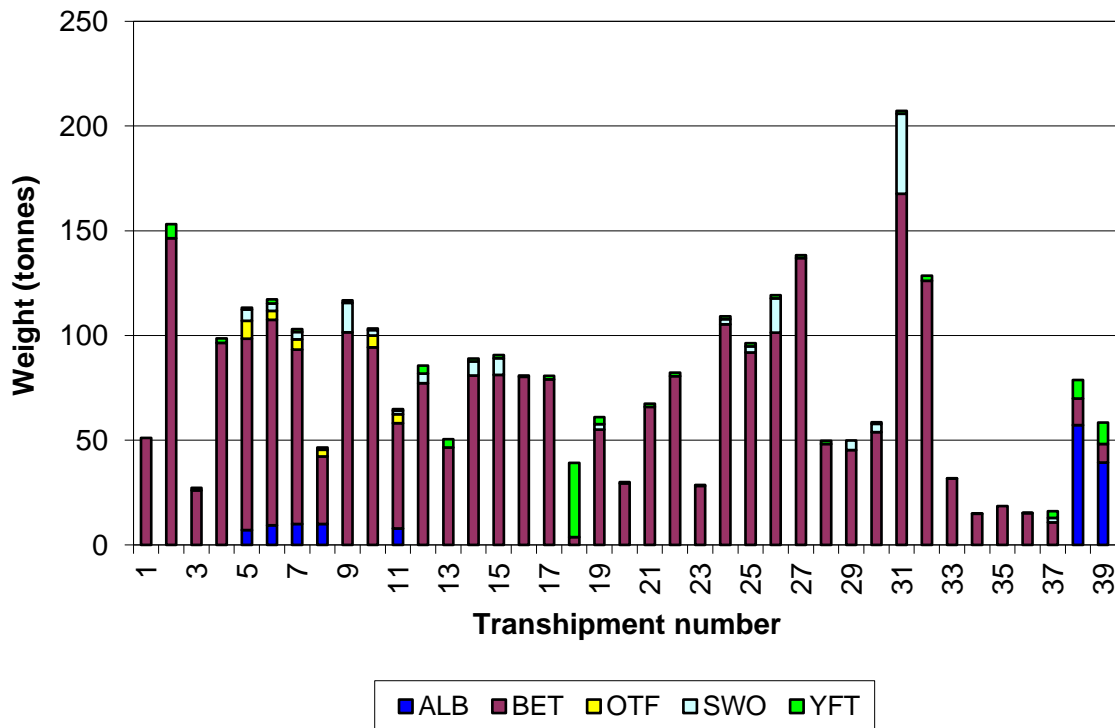


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	14.90
Atlantic blue marlin	<i>Makaira nigricans</i>	80.01
Atlantic sailfish	<i>Istiophorus albicans</i>	15.50
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	13.80
Bigeye tuna	<i>Thunnus obesus</i>	44.08
Oilfish	<i>Ruvettus pretiosus</i>	14.85
Opah	<i>Lampris guttatus</i>	16.44
Shortfin mako	<i>Isurus oxyrinchus</i>	48.30
Striped marlin	<i>Tetrapturus audax</i>	23.40
Swordfish	<i>Xiphias gladius</i>	48.94
Yellowfin tuna	<i>Thunnus albacares</i>	37.14

Comments:

Bigeye tuna (*Thunnus obesus*) 2528.955 tonnes (85.33%), yellowfin tuna (*Thunnus albacares*) 145.329 tonnes (4.90%), albacore (*Thunnus alalunga*) 140.661 tonnes (4.75%), swordfish (*Xiphias gladius*) 121.517 tonnes (4.10%) formed the bulk of the fish transhipped. Other unclassified species included atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*).

Transshipment took place once the LSTLV was tied-up alongside the CV. The LSTLV approached the port side of the stationary CV and tied up with its starboard side against the CV. The observer recorded photographs of the LSTLV (side, bow, wheelhouse and stern) before the LSTLV tied-up.

The observer was then craned aboard the LSTLV before transshipping commenced. Once documentation was checked and photographed the observer returned to the CV and transshipping commenced.

Observations of transshipments were made from the CV crane deck where the LSTLV's working deck and the aerial travel of the string was clearly visible. In 19 transshipments the LSTLV winched bunches of fish from its hold onto its deck. In these cases a full count of tuna could be made while they lay on the LSTLV deck. One or more bunches then formed the string which was craned from the LSTLV deck directly into the CV hold

During 20 transshipments the products were craned directly out of the LSTLV hold by the CV's winch. In these cases time permitted a single count and estimate of species and numbers.

In most cases the LSTLV provided fish numbers which resulted in credible average weights. In some instances where incorrect fish numbers were supplied the observer questioned the LSTLV captain and the numbers were changed by mutual consent. The observer used prior experience to estimate carcass weights; during the voyage there were no opportunities to weigh individual carcasses to confirm the estimates.

7 Southern bluefin tuna transshipments

The CV did not received any southern bluefin (*Thunnus maccoyii*) during this deployment in the ICCAT area.

8 LSTLV Inspections

Inspections were carried out on the following vessels

Table 6 Summary of inspections made on board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1	XXX	XXX	Yes	05/06/16	Yes	Yes	Yes	Yes	Yes	09/03/17	Yes	Yes	Yes	Yes	Yes	PB	04/06/16
2	XXX	XXX	Yes	06/06/16	Yes	Yes	Unk	Yes	Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	PB	04/06/16
3	XXX	XXX	Yes	06/06/16	No	Yes	Unk	Yes	Yes	13/12/16	Yes	Yes	Yes	Yes	Yes	PB	05/06/16
4	XXX	XXX	Yes	08/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	07/06/16
5	XXX	XXX	Yes	09/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	07/06/16
6	XXX	XXX	Yes	10/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	09/06/16
7	XXX	XXX	Yes	11/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	10/06/16
8	XXX	XXX	Yes	12/06/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	12/07/16
9	XXX	XXX	Yes	13/06/16	Yes	Yes	Unk	Yes	Yes	01/11/16	Yes	Yes	Yes	Yes	Yes	PB	12/06/16
10	XXX	XXX	Yes	16/06/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	15/06/16
11	XXX	XXX	Yes	16/06/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	15/06/16
12	XXX	XXX	Yes	18/06/16	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Yes	Yes	Yes	Yes	PB	18/06/16
13	XXX	XXX	Yes	20/06/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	20/06/16
14	XXX	XXX	Yes	21/06/16	Yes	Yes	Yes	Yes	Yes	15/10/19	Yes	Yes	Yes	Yes	Yes	PB	19/06/16
15	XXX	XXX	Yes	22/06/16	Yes	Yes	Yes	Yes	Yes	27/10/18	Yes	Yes	Yes	Yes	Yes	PB	21/06/16
16	XXX	XXX	Yes	23/06/16	Yes	Yes	Yes	Yes	Yes	31/08/18	Yes	Yes	Yes	Yes	Yes	PB	23/06/16
17	XXX	XXX	Yes	24/06/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	23/06/16
18	XXX	XXX	Yes	25/06/16	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	23/06/16
19	XXX	XXX	Yes	27/06/16	Yes	Yes	Yes	Yes	Yes	02/08/16	Yes	Yes	Yes	Yes	Yes	PB	27/06/16


No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
20	XXX	XXX	Yes	28/06/16	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	27/06/16
21	XXX	XXX	Yes	29/06/16	Yes	Yes	Yes	Yes	Yes	25/07/16	Yes	Yes	Yes	Yes	Yes	PB	27/06/16
22	XXX	XXX	Yes	30/06/16	Yes	Yes	Unk	Yes	Yes	01/11/16	Yes	Yes	Yes	Yes	Yes	PB	29/06/16
23	XXX	XXX	Yes	02/07/16	Yes	Yes	Yes	Yes	Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	PB	01/07/16
24	XXX	XXX	Yes	03/07/16	Yes	Yes	Yes	Yes	Yes	08/08/16	Yes	Yes	Yes	Yes	Yes	PB	03/07/16
25	XXX	XXX	Yes	04/07/16	Yes	Yes	Yes	Yes	Yes	03/03/20	Yes	Yes	Yes	Yes	Yes	PB	03/07/16
26	XXX	XXX	Yes	05/07/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	04/07/16
27	XXX	XXX	Yes	07/07/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	05/07/16
28	XXX	XXX	Yes	08/07/16	Yes	Yes	Yes	Yes	Yes	01/11/19	Yes	Yes	Yes	Yes	Yes	PB	07/07/16
29	XXX	XXX	Yes	09/07/16	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	09/07/16
30	XXX	XXX	Yes	10/07/16	Yes	Yes	Yes	Yes	Yes	16/07/19	Yes	Yes	Yes	Yes	Yes	PB	10/07/16
31	XXX	XXX	Yes	11/07/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	10/07/16
32	XXX	XXX	Yes	12/07/16	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	Yes	Yes	Yes	Yes	PB	11/07/16
33	XXX	XXX	Yes	14/07/16	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	13/07/16
34	XXX	XXX	Yes	16/07/16	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	PB	15/07/16
35	XXX	XXX	Yes	16/07/16	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	PB	15/07/16
36	XXX	XXX	Yes	16/07/17	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Yes	Yes	Yes	Yes	PB	15/07/16
37	XXX	XXX	Yes	20/07/16	Yes	Yes	Yes	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	PU	19/07/16
38	XXX	XXX	Yes	20/07/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	20/07/16
38	XXX	XXX	Yes	20/07/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	20/07/16
39	XXX	XXX	Yes	20/07/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	19/07/16
39	XXX	XXX	Yes	20/07/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	19/07/16

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The observer made 3 Potential Non Compliance (PNC) reports as provided in Table 10.

Table 7 **Comments from inspections**

TS No.	Vessel Name	ICCAT No.	Comments
1	XXX	XXX	No comment.
2	XXX	XXX	<p>The National register Number (NRN) was not displayed on the LSPLV. The ARGOS VMS system was fitted with a power switch.</p>  <p>Figure 3 VMS system and accompanying switch fitted to the XXX.</p>

TS No.	Vessel Name	ICCAT No.	Comments
3	XXX	XXX	The LSPLV displayed the name "XXX". This vessel name did not concur with the name "XXX" provided by ICCAT. Figure 4 Name markings of the LSPLV "XXXX". The NRN was not displayed on the LSPLV.
4	XXX	XXX	The NRN was not displayed on the LSPLV.
5	XXX	XXX	The NRN was not displayed on the LSPLV.
6	XXX	XXX	The NRN was not displayed on the LSPLV.
7	XXX	XXX	The NRN was not displayed on the LSPLV.
8	XXX	XXX	The NRN was not displayed on the LSPLV.
9	XXX	XXX	The NRN was not displayed on the LSPLV.
10	XXX	XXX	No comment.
11	XXX	XXX	No comment.
12	XXX	XXX	No comment.
13	XXX	XXX	Observer shown loose printed logbook pages which were filled in by hand. The LSPLV did not use an electronic logbook. Figure 5 Unbound logbook used on board the "XXXX".
14	XXX	XXX	No comments.
15	XXX	XXX	No comment.
16	XXX	XXX	No comment.
17	XXX	XXX	No comment.
18	XXX	XXX	No comment.
19	XXX	XXX	No comment.
20	XXX	XXX	No comment.
21	XXX	XXX	No comment.
22	XXX	XXX	The LSTLV did not display the NRN.
23	XXX	XXX	No comment.
24	XXX	XXX	No comment.

TS No.	Vessel Name	ICCAT No.	Comments
25	XXX	XXX	No comments.
26	XXX	XXX	No comment.
27	XXX	XXX	The LSPLV did not display the ship's NRN.
28	XXX	XXX	No comment.
29	XXX	XXX	No comment.
30	XXX	XXX	No comment.
31	XXX	XXX	<p>The observer was shown printed unbound logsheets stored in a binder. The logsheets were filled in by hand. The observer specifically requested to see the electronic log, but there was no electronic fishing log used on board.</p> <p>Figure 6 Paper (unbound) logbook used on board the “XXX”</p>
32	XXX	XXX	No comment.
33	XXX	XXX	No comment.
34	XXX	XXX	No comment.
35	XXX	XXX	No comment.
36	XXX	XXX	No comment.
37	XXX	XXX	<p>The LSTLV showed the observer printed logsheets filled in by hand and stored in a binder. The observer specifically requested to see the electronic log, but there was no electronic fishing log used on board.</p> <p>Figure 7 Paper (unbound) logbook used on board the “XXX”</p>
38	XXX	XXX	No comment.
39	XXX	XXX	No comment.

Table 10 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
1	20/06/16	XXX	XXX	LNB
2	11/07/16	XXX	XXX	LNB
3	20/07/16	XXX	XXX	LNB

8.1 Verifying vessel name / RFMO number and National Registration Number.

The observer was able to clearly identify all LSPLVs. The LSPLV listed as “XXXXXXXX XXX” displayed the name as “XXXXXXXX N° XXX” (Figure 4).

8.2 Issues with Fishing Licence, logbooks or VMS

All LSPLVs provides in-date Authorisations to fish and were authorised to tranship.

9 Other Observer Tasks.

9.1 CV waste disposal

Biodegradable waste was dumped in international waters. Cardboard, rags and wood items were incinerated and plastic, bottles and cans were stored for disposal ashore.

9.2 Unidentified or IUU vessels

No unidentified fishing vessels were sighted during this deployment

9.3 Marine mammals.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
29/05/2016	08:30	09°32'N	79°47'W	Atlantic Spotted Dolphin (<i>Stenella frontalis</i>)	3	Came to bow briefly
30/05/2016	16:00	12°08'N	72°34'W	Atlantic Spotted Dolphin (<i>Stenella frontalis</i>)	25+	Spent 5 mins on bow
02/06/2016	09:30	12°04'N	59°05'W	Atlantic Spotted Dolphin (<i>Stenella frontalis</i>)	20+	Briefly on the bow
14/06/2016	17:30	10°53'N	35°55'W	Atlantic Spotted Dolphin (<i>Stenella frontalis</i>)	40+	Remained with vessel for 8 mins
15/06/2016	16:30	13°23'N	31°24'W	Pantropical Spotted Dolphin (<i>Stenella attenuata</i>)	6	At 400m
15/06/2016	18:15	13°27'S	31°16'W	Cuvier's Beaked Whale (<i>Ziphius cavirostris</i>)	3	Passed vessel at 100m
19/06/2016	17:25	05°31'N	29°27'W	Pantropical Spotted Dolphin (<i>Stenella attenuata</i>)	5+	Jumping at 300m
19/06/2016	17:40	05°27'N	29°21'W	Sperm Whale (<i>Physeter macrocephalus</i>)	1	Female loafing 200m off
20/06/2016	16:25	03°32'N	26°26'W	Unid. Stenella Dolphin	10+	400m off

Date	Time	Lat	Lon	Species	Abundance	Behaviour
22/06/2016	15:20	03°33'N	23°22'W	Rough-toothed Dolphin (<i>Steno bredanensis</i>)	40+	Rushed to the bow then disappeared
26/06/2016	16:00	00°54'N	12°53'W	Humpback Whale (<i>Megaptera novaeangliae</i>)	1	Breached 300m off
26/06/2016	17:25	00°35'N	12°41'W	Short-finned Pilot Whale (<i>Globicephala macrorhynchus</i>)	6+	at 300m
29/06/2016	17:40	03°53'S	11°34'W	Short-finned Pilot Whale (<i>Globicephala macrorhynchus</i>)	10+	Passed at 100m
02/07/2016	15:25	06°32'S	18°49'W	Bottlenose Dolphin (<i>Tursiops truncatus</i>)	20+	Very active jumping around ship
12/07/2016	13:20	13°27'S	11°25'W	Unid. Baleen whale	1	Blowing at 800m
22/07/2016	08:00	25°47'S	11°05'E	Humpback Whale (<i>Megaptera novaeangliae</i>)	1	Breached 800m off

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	185
Vessel Name:	TAISEI MARU NO.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	PEDRO COSTA
Cruise Dates:	From: 10-06-2016 To: 06-08-2016

1 Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA Ltd and MRAG Ltd., Pedro Costa (ROP no. 103) joined the Japan registered Carrier Vessel (CV) TAISEI MARU NO.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10-06-2016 to 06-08-2016

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU NO.15	Call sign:	7JTK
Port of registration:	ISE	Flag State:	JAPAN
Owner:	TAISEIMARU KAIUN KAISHA Ltd.	Charterer:	TAISEIMARU KAIUN KAISHA Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335,7 m ³ 3245 Tonnes
Size (GRT):	4969 Tonnes	Length (LOA):	124,25 m
On-board acoustic equipment:		JRC-JFEN 570S	
Position fixing equipment:		(2x) JRC JLR-7700MK II	
Vessel monitoring system (present/absent):		Present JRC JUE-95VM INMARSAT-C	
Radar:		JMA-9833SA JMA-7700 Series	
Communications equipment:		MF/HF: JRC JSS-800 VHF: (2x) JRC JHS-32A INMARSAT: F33, FB and C	
Plotters:		JRC JMA-7700	
Tuna products already on board (Quantity)		65.746 Tonnes	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	10/06/2016
Method of embarkation*	Portside
Date of departure	11/06/2016
Date of first transshipment	14/06/2016
Date of last transshipment	31/07/2016
Date of return	06/08/2016
Date of disembarkation	06/08/2016
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 29 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

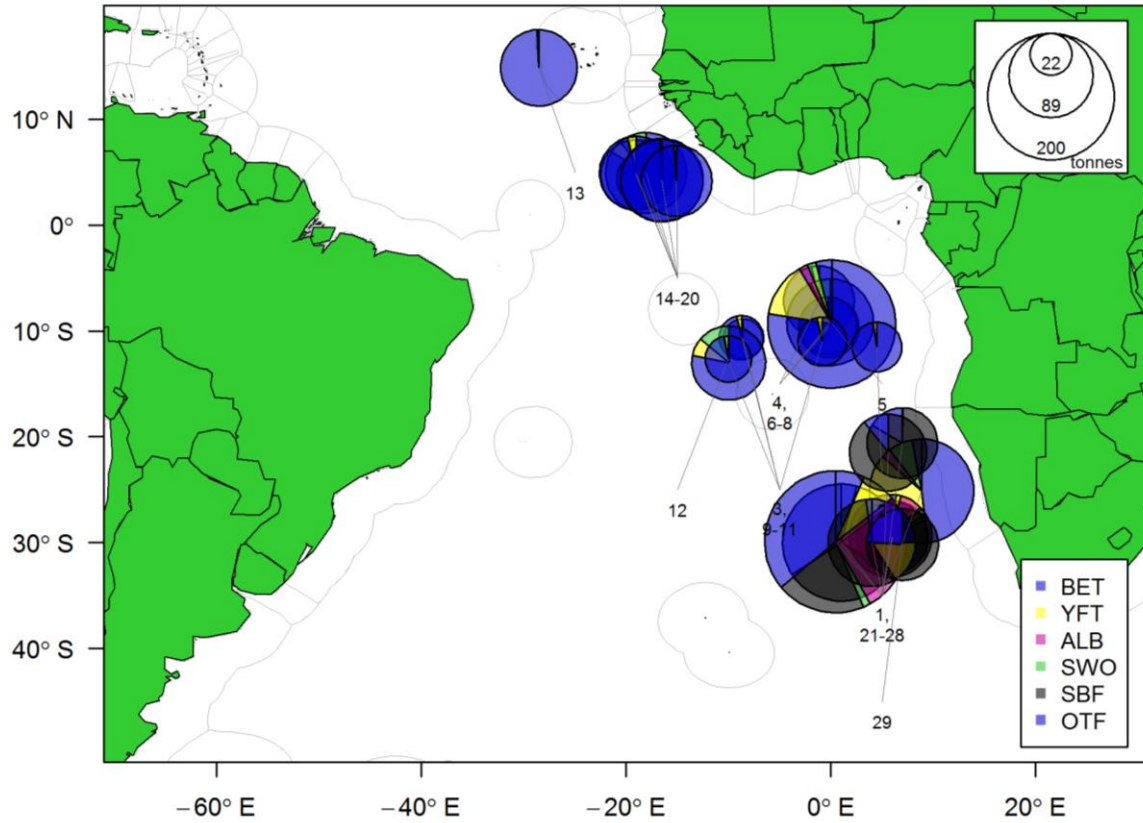


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	1
XXX	16
XXX	12

During the monitoring period 44 non-ROP transshipments were observed, of which 1 was from XXX, 27 from XXX and 16 from XXX.

5 Summary of Transhipments Observed.

A summary of transhipments observed is given in Table 2 and a summary of observer and vessel figures is given in Table 3.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1	XXX	XXX	XXX	Yes	14/06/2016	25°07.428 S	008°51.023 E	03:02	100.00%
2	XXX	XXX	XXX	Yes	17/06/2016	11°30.755 S	004°29.837 E	01:21	100.00%
3	XXX	XXX	XXX	Yes	18/06/2016	10°59.814 S	000°50.473 W	02:15	100.00%
4	XXX	XXX	XXX	Yes	19/06/2016	07°11.186 S	001°10.06 W	03:38	100.00%
5	XXX	XXX	XXX	Yes	20/06/2016	09°21.265 S	000°04.542 E	04:28	100.00%
6	XXX	XXX	XXX	Yes	20/06/2016	09°10.476 S	000°05.085 W	04:20	100.00%
7	XXX	XXX	XXX	Yes	21/06/2016	09°31.219 S	000°16.063 W	02:15	100.00%
8	XXX	XXX	XXX	Yes	21/06/2016	09°39.969 S	000°12.249 W	03:40	100.00%
9	XXX	XXX	XXX	Yes	23/06/2016	10°43.159 S	008°34.611 W	04:04	100.00%
10	XXX	XXX	XXX	Yes	23/06/2016	10°38.359 S	008°44.327 W	01:33	100.00%
11	XXX	XXX	XXX	Yes	24/06/2016	13°01.393 S	009°58.910 W	04:20	100.00%
12	XXX	XXX	XXX	Yes	25/06/2016	12°39.116 S	010°00.758 W	01:43	100.00%
13	XXX	XXX	XXX	Yes	02/07/2016	14°50.423 N	028°30.166 W	08:51	100.00%
14	XXX	XXX	XXX	Yes	11/07/2016	04°55.815 N	018°02.770 W	01:03	100.00%
15	XXX	XXX	XXX	Yes	12/07/2016	04°21.122 N	018°21.666 W	00:39	100.00%
16	XXX	XXX	XXX	Yes	13/07/2016	04°45.031 N	019°03.763 W	00:56	100.00%
17	XXX	XXX	XXX	Yes	13/07/2016	04°54.03 N	019°00.277 W	03:10	100.00%
18	XXX	XXX	XXX	Yes	14/07/2016	04°09.876 N	016°30.943 W	00:52	100.00%
19	XXX	XXX	XXX	Yes	14/07/2016	04°15.756 N	016°30.634 W	00:55	100.00%
20	XXX	XXX	XXX	Yes	15/07/2016	04°09.116 N	015°04.496 W	06:10	100.00%
21	XXX	XXX	XXX	Yes	22/07/2016	20°35.783 S	006°57.960 E	03:14	100.00%
22	XXX	XXX	XXX	Yes	24/07/2016	29°31.455 S	006°02.071 E	02:16	100.00%
23	XXX	XXX	XXX	Yes	24/07/2016	29°26.062 S	005°56.210 E	03:35	100.00%
24	XXX	XXX	XXX	Yes	24/07/2016	29°21.327 S	005°48.380 E	02:24	100.00%
25	XXX	XXX	XXX	Yes	25/07/2016	29°59.532 S	003°58.832 E	05:10	100.00%
26	XXX	XXX	XXX	Yes	26/07/2016	29°58.875 S	000°58.587 E	07:15	100.00%
27	XXX	XXX	XXX	Yes	27/07/2016	29°54.936 S	000°28.430 E	02:37	100.00%
28	XXX	XXX	XXX	Yes	29/07/2016	21°29.169 S	005°34.549 E	04:01	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
29	XXX	XXX	XXX	Yes	31/07/2016	30°09.496 S	006°58.558 E	03:16	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	63.46	60.59	4.02	3.81	8.30	7.99	0.00	0.00	75.78	72.39	-3.39	-4.68%
2	27.98	26.07	2.95	2.76	0.46	0.40	1.05	0.97	32.44	30.20	-2.24	-7.42%
3	54.50	52.53	1.66	1.60	0.00	0.00	0.00	0.00	56.16	54.13	-2.03	-3.75%
4	62.12	57.60	2.58	2.40	0.00	0.00	0.00	0.00	64.70	60.00	-4.70	-7.83%
5	75.92	74.11	0.48	0.48	0.00	0.00	0.00	0.00	76.40	74.59	-1.81	-2.43%
6	78.37	75.68	0.35	0.35	0.00	0.00	0.00	0.00	78.72	76.03	-2.69	-3.54%
7	54.60	55.00	0.73	0.73	0.00	0.00	0.00	0.00	55.33	55.73	0.40	0.72%
8	66.79	64.17	0.53	0.53	0.00	0.00	0.00	0.00	67.32	64.71	-2.62	-4.04%
9	53.37	53.40	1.83	1.83	0.00	0.00	0.00	0.00	55.20	55.23	0.03	0.05%
10	40.80	39.36	0.69	0.69	0.35	0.00	0.00	0.00	41.84	40.05	-1.79	-4.47%
11	77.93	77.25	3.02	3.01	3.31	3.00	0.00	0.00	84.26	83.26	-1.00	-1.20%
12	36.04	35.00	1.40	1.40	0.00	0.00	0.00	0.00	37.44	36.40	-1.04	-2.86%
13	156.42	141.38	27.43	25.42	4.65	3.91	3.77	7.44	192.27	178.15	-14.12	-7.93%
14	25.12	25.32	0.99	1.00	0.00	0.00	0.00	0.00	26.11	26.32	0.21	0.79%
15	16.98	16.46	0.77	0.77	0.00	0.00	0.00	0.00	17.75	17.22	-0.53	-3.05%
16	22.07	21.07	0.86	0.77	0.00	0.00	0.00	0.00	22.93	21.84	-1.09	-4.99%
17	44.49	47.48	4.64	4.80	7.97	8.33	0.00	0.00	57.10	60.61	3.51	5.80%
18	24.54	22.86	0.73	0.73	0.00	0.00	0.00	0.00	25.27	23.59	-1.68	-7.13%
19	27.31	26.61	0.68	0.67	0.00	0.00	0.00	0.00	27.99	27.29	-0.70	-2.58%
20	61.40	57.95	48.94	46.11	9.10	9.00	3.16	3.62	122.60	116.68	-5.92	-5.08%
21	4.89	4.84	3.56	3.56	1.37	1.05	0.19	0.19	60.39	56.68	-3.71	-6.55%
22	0.22	0.22	0.10	0.10	0.00	0.00	11.35	11.37	60.54	57.39	-3.14	-5.48%
23	1.95	1.74	1.63	1.46	0.76	0.69	19.74	20.10	69.70	69.58	-0.12	-0.17%
24	0.00	0.00	0.00	0.00	0.00	0.00	9.15	9.08	58.10	55.16	-2.94	-5.34%
25	6.53	6.53	15.50	15.35	2.58	2.58	52.39	52.07	129.37	123.83	-5.54	-4.48%
26	16.20	14.71	17.48	17.48	3.85	3.82	80.42	80.38	166.08	161.76	-4.32	-2.67%
27	0.00	0.00	0.00	0.00	0.00	0.00	8.00	6.97	71.19	65.72	-5.47	-8.32%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
28	22.97	21.09	13.46	13.46	2.42	0.77	2.01	1.75	90.27	84.50	-5.77	-6.83%
29	0.00	0.00	0.00	0.00	0.00	0.00	17.26	13.90	62.50	57.37	-5.13	-8.95%

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2 and average weights by species are shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Other fish Unclassified	N/A	SE	0.15	0.01%	0.17	0.01%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	3.93	0.21%
Albacore	<i>Thunnus alalunga</i>	Ind	0.00	0.00%	17.40	0.91%
Albacore	<i>Thunnus alalunga</i>	N	0.21	0.01%	1.60	0.08%
Albacore	<i>Thunnus alalunga</i>	S	9.49	0.48%	81.19	4.26%
Albacore	<i>Thunnus alalunga</i>	Unk	89.44	4.50%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	Ind	0.00	0.00%	1.83	0.10%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	3.13	0.16%	3.13	0.16%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.94	0.05%	2.27	0.12%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	0.83	0.04%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	0.05	0.00%	0.00	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Ind	0.82	0.04%	0.60	0.03%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.22	0.01%
Bigeye tuna	<i>Thunnus obesus</i>	All	1100.24	55.41%	1071.39	56.20%
Bigeye tuna	<i>Thunnus obesus</i>	Ind	22.73	1.14%	7.64	0.40%
Black marlin	<i>Makaira indica</i>	Ind	1.16	0.06%	1.15	0.06%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	70.58	3.55%	84.37	4.43%
Butterfly kingfish	<i>Gasterochisma melampus</i>	Unk	18.30	0.92%	0.00	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	Ind	1.58	0.08%	1.47	0.08%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.11	0.01%
Indo-Pacific blue marlin	<i>Makaira mazara</i>	Ind	1.39	0.07%	0.00	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Ind	0.33	0.02%	0.32	0.02%
Opah	<i>Lampris guttatus</i>	Ind	2.62	0.13%	0.38	0.02%
Opah	<i>Lampris guttatus</i>	SE	0.19	0.01%	3.35	0.18%

Common Name	Scientific Name	Stock	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Opah	<i>Lampris guttatus</i>	Unk	1.08	0.05%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Ind	3.29	0.17%	1.50	0.08%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.00	0.00%	1.78	0.09%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.12	0.01%	0.18	0.01%
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.00	0.00%	0.03	0.00%
Skipjack tuna	<i>Katsuwonus pelamis</i>	Ind	0.12	0.01%	0.08	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>		452.16	22.77%	426.74	22.38%
Striped marlin	<i>Tetrapturus audax</i>	Ind	1.26	0.06%	1.26	0.07%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.38	0.02%	0.38	0.02%
Striped marlin	<i>Tetrapturus audax</i>	S	1.04	0.05%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	Ind	3.85	0.19%	2.98	0.16%
Swordfish	<i>Xiphias gladius</i>	N	12.95	0.65%	15.36	0.81%
Swordfish	<i>Xiphias gladius</i>	S	14.92	0.75%	22.15	1.16%
Swordfish	<i>Xiphias gladius</i>	Unk	13.40	0.67%	1.05	0.05%
Tunas nei	Thunnini	All	1.26	0.06%	1.00	0.05%
Tunas nei	Thunnini	Unk	0.68	0.03%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	124.03	6.25%	122.75	6.44%
Yellowfin tuna	<i>Thunnus albacares</i>	Ind	32.98	1.66%	28.50	1.50%

Stock codes: **All** – All Atlantic, **E** – Eastern stock, **Ind** – Indian Ocean, **N** – North, **SE** – Southeast, **S** – South, **Unk** – Unknown.

Comments:

All stocks were recorded from the Transshipment declarations, on occasions that fish came from different stocks within a single transshipment the observer recorded the stock area as Unknown as it was not possible to separate them.

In Transshipment No.2 the TD declared Atlantic blue marlin (*Makaira nigricans*) but the observer recorded striped marlin (*Tetrapturus audax*) being transhipped.

In Transshipment No.10 the observer recorded swordfish (*Xiphias gladius*) being transhipped that was not declared in the TD.

In Transshipment No.13 a difference greater than 10% was observed between the total declared weight and the total observed weight for swordfish and albacore (*Thunnus alalunga*). In addition Atlantic sailfish (*Istiophorus albicans*) was observed in the transshipment but was not declared in the TD.

At the end of Transshipments No.22 and 25 bags with tuna eggs (species: tunas *nei*; Product code: OT (Other)) were observed being transhipped that were not tallied by the CV and not declared in the TDs.

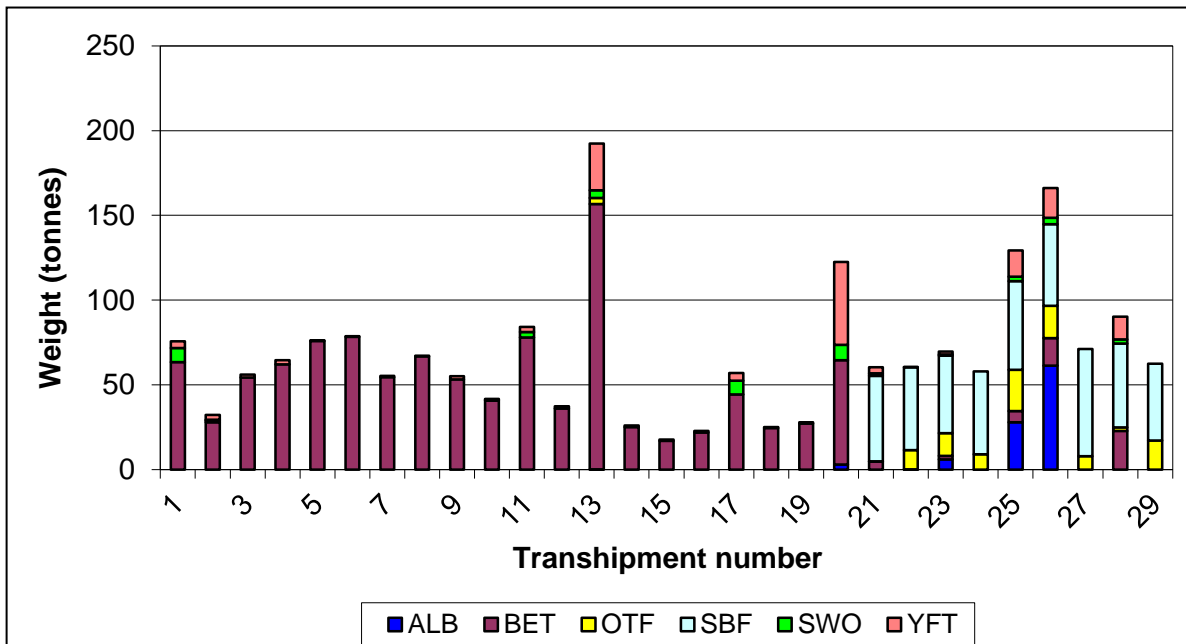


Figure 2 Proportions. by weight. of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified	N/A	13.64
Albacore	<i>Thunnus alalunga</i>	17.64
Atlantic blue marlin	<i>Makaira nigricans</i>	92.45
Atlantic sailfish	<i>Istiophorus albicans</i>	16.67
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	8.63
Bigeye tuna	<i>Thunnus obesus</i>	57.37
Black marlin	<i>Makaira indica</i>	55.24
Butterfly kingfish	<i>Gasterochisma melampus</i>	18.27
Dolphinfish	<i>Coryphaena hippurus</i>	10.75
Indo-Pacific blue marlin	<i>Makaira mazara</i>	99.29
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	20.63
Opah	<i>Lampris guttatus</i>	13.59
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	19.94
Shortfin mako	<i>Isurus oxyrinchus</i>	60.00
Skipjack tuna	<i>Katsuwonus pelamis</i>	7.50
Southern bluefin tuna	<i>Thunnus maccoyii</i>	54.54
Striped marlin	<i>Tetrapturus audax</i>	38.84
Swordfish	<i>Xiphias gladius</i>	51.98
Tunas <i>nei</i>	Thunnini	25.13
Yellowfin tuna	<i>Thunnus albacares</i>	41.91

The observer used the CV hook scale to get a estimation for the weight of each string or net basket of fish.

Two main product types were observed for tuna species. Yellowfin tuna (*Thunnus albacares*), bigeye tuna (*Thunnus obesus*) and southern bluefin tuna (*Thunnus maccoyii*) were “Gilled and Gutted” (code:GG). Albacore (*Thunnus alalunga*) and skipjack tuna (*Katsuwonus pelamis*) were transhipped as “Rounded Weight” (code:RD).

Swordfish (*Xiphias gladius*) was transferred as two different product types. “Dressed Weight” (code:DR) and “Fillet” (code:FL).

Shortfin mako (*Isurus oxyrinchus*) was transferred as “Fillet” product type.

Blue marlin (*Makaira nigricans*), black marlin (*Makaira indica*), Indo-Pacific blue marlin (*Makaira mazara*), shortbill spearfish (*Tetrapturus angustirostris*), Atlantic sailfish (*Istiophorus albicans*) and Indo-Pacific sailfish (*Istiophorus platypterus*) were transferred as the “Dressed Weight” product type. Striped marlin (*Tetrapturus audax*) was transferred as the product type “Gilled and Gutted”.

Butterfly kingfish (*Gasterochisma melampus*). Atlantic Spanish mackerel (*Scomberomorus maculatus*) and Opah (*Lampris guttatus*) were also transferred as the “Dressed Weight” product type.

Dolphinfish (*Coryphaena hippurus*) was transferred as the “Rounded Weight” product type.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
21	XXX	XXX	XXX	YES	22-07-2016	22°35.783'S	006°57.960'E	06:38	100
22	XXX	XXX	XXX	YES	24-07-2016	29°31.455'S	006°02.071'E	08:22	100
23	XXX	XXX	XXX	YES	24-07-2016	29°26.062'S	005°56.210'E	11:51	100
24	XXX	XXX	XXX	YES	24-07-2016	29°21.327'S	005°48.380'E	16:31	100
25	XXX	XXX	XXX	YES	25-07-2016	29°59.532'S	003°58.832'E	06:40	100
26	XXX	XXX	XXX	YES	26-07-2016	29°58.875'S	000°58.587'E	06:50	100
27	XXX	XXX	XXX	YES	27-07-2016	29°54.936'S	000°28.430'E	07:39	100
28	XXX	XXX	XXX	YES	29-07-2016	21°29.169'S	005°34.549'E	07:00	100
29	XXX	XXX	XXX	YES	31-07-2016	30°09.496'S	006°58.558'E	06:31	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
21	9	1028	XXX	XXX
22	9	842	XXX	XXX
23	9	822	XXX	XXX
24	9	881	XXX	XXX
25	9	934	XXX	XXX
26	9	871	XXX	XXX
27	9	1072	XXX	XXX
28	9	1096	XXX	XXX
29	9	809	XXX	XXX

Comments

During the inspection of the “XXX”, (Transhipment No.27), the LSPLV Fishing Master informed the observer that the southern bluefin tuna tags numbers “XXX” and “XXX” were missing.

During Transshipment No.29 it was observed that the transhipped southern bluefin tuna had tags with the LSPLV callsign written on it (e.g XX-16-XXXX-047-0579)

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels, summarised in Table 8.

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship				VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1	XXX	XXX	Yes	14/06/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	13/06/16
2	XXX	XXX	Yes	17/06/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	16/06/16
3	XXX	XXX	Yes	18/06/16	Yes	Yes	Unk	Yes	Yes	18/09/16	Yes	Yes	Yes	Yes	Yes	PB	17/06/16
4	XXX	XXX	Yes	19/06/16	Yes	Yes	Unk	Yes	Yes	27/09/16	Yes	Yes	Yes	Yes	Yes	PB	19/06/16
5	XXX	XXX	Yes	20/06/16	Yes	Yes	Yes	Yes	Yes	21/09/18	Yes	Yes	Yes	Yes	Yes	PB	19/06/16
6	XXX	XXX	Yes	20/06/16	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	19/06/16
7	XXX	XXX	Yes	21/06/16	Yes	Yes	Unk	Yes	Yes	25/04/18	Yes	Yes	Yes	Yes	Yes	PB	20/06/16
8	XXX	XXX	Yes	21/06/16	Yes	Yes	Unk	Yes	Yes	06/08/16	Yes	Yes	Yes	Yes	Yes	PB	21/06/16
9	XXX	XXX	Yes	23/06/16	Yes	Unk	Unk	Yes	No	01/03/16	Yes	Yes	Yes	Yes	Yes	PB	22/06/16
10	XXX	XXX	Yes	23/06/16	Yes	Yes	Unk	Yes	No	24/05/16	Yes	Yes	Yes	Yes	Yes	PB	23/06/16
11	XXX	XXX	Yes	24/06/16	Yes	Yes	Unk	Yes	Yes	22/01/18	Yes	Yes	Yes	Yes	Yes	PB	23/06/16
12	XXX	XXX	Yes	25/06/16	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Yes	Yes	Yes	Yes	PB	24/06/16
13	XXX	XXX	Yes	02/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	01/07/16
14	XXX	XXX	Yes	11/07/16	Yes	Yes	Unk	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	10/07/16
15	XXX	XXX	Yes	12/07/16	Yes	Yes	Yes	Yes	Yes	27/06/18	Yes	Yes	Yes	Yes	Yes	PB	11/07/16
16	XXX	XXX	Yes	13/07/16	Yes	Yes	Yes	Yes	Yes	10/12/16	Yes	Yes	Yes	Yes	Yes	PB	12/07/16
17	XXX	XXX	Yes	13/07/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	PB	13/07/16
18	XXX	XXX	Yes	14/07/16	Yes	Yes	Yes	Yes	No	05/11/16	Yes	Yes	Yes	Yes	Yes	PB	14/07/16
19	XXX	XXX	Yes	14/07/16	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	14/07/16
20	XXX	XXX	Yes	15/07/16	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	02/06/16
21	XXX	XXX	Yes	22/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/07/16
22	XXX	XXX	Yes	24/07/16	Yes	Yes	Unk	Yes	Yes	31/07/16	Yes	Yes	Yes	Yes	Yes	PU	24/07/16
23	XXX	XXX	Yes	24/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	23/07/16
24	XXX	XXX	Yes	24/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Unk	Yes	Yes	Yes	Yes	PU	20/07/16
25	XXX	XXX	Yes	25/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Unk	Yes	Yes	Yes	Yes	PU	24/07/16
26	XXX	XXX	Yes	26/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	26/07/16
27	XXX	XXX	Yes	27/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	26/07/16

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
28	XXX	XXX	Yes	29/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	EL	29/07/16
29	XXX	XXX	Yes	31/07/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	Yes	PU	30/07/16

*EL – Electronic. PB – Printed and Bound. PU – Printed and Unbound. UB – Unprinted and Bound. UU – Unprinted and Unbound

Table 9 **Comments from inspections**

No	Comments
9	<p>The identifying markings of the “XXX” were worn away and could not be read (Figures 3,4 and 5).</p> <p>Figure 3 Callsign of the “XXX”</p> <p>Figure 4 Bow marking of the “XXX”</p> <p>Figure 5 Stern marking of the “XXX”</p>

No	Comments
15	<p>The stern marking of the “XXX” was partially worn away and could not be read (Figure 6)</p> <p>Figure 6 Stern marking of the “XXX”</p>
24	<p>The ATF shown to the observer was only written in a “non-ICCT official language” and therefore could not be verified (Figure 7).</p> <p>Figure 7 ATF of the “XXX”</p>
25	<p>The ATF shown to the observer was only written in “non-ICCT official language” and could not be verified (Figure 8)</p> <p>Figure 8 ATF of the “XXX”</p>

No	Comments
27	<p>The "XXX" was observed dumping rubbish into the ocean during transshipment (Figure 9).</p> <p>Figure 9 MARPOL incident involving the "XXX"</p>
28	<p>The bow marking of the "XXX" was worn away and could not be read (Figure 10).</p> <p>Figure 10 Bow marking of the "XXX"</p>
29	<p>The vessel callsign was written on the SBT tag as part of the tag number (Figure 11).</p> <p>Figure 11 SBT tag seen during Transshipment 29</p>

The observer made 11 Potential Non Compliance (PNC) reports summarised below in Table .

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
20	XXX	XXX	1	LND		
24	XXX	XXX	2	LND	OTH	LNB
1	XXX	XXX	3	LNB		
2	XXX	XXX	4	LNB		
13	XXX	XXX	5	LNB		
21	XXX	XXX	6	LNB		
22	XXX	XXX	7	LNB		
23	XXX	XXX	8	LNB		
25	XXX	XXX	9	LNB		
26	XXX	XXX	10	LNB	OTH	
29	XXX	XXX	11	LNB		

9 Other Observer Tasks.

9.1 CV waste disposal

Several waste disposal notices were observed around the CV which established national and international rules for the discharge of garbage into the sea.

The CV also displayed its own Garbage Management Plan (Figure 12).

Figure 12 CV garbage management plan

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the monitoring period.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
15-06-2016	12:10	20°30.850'S	007°30.982'E	Dolphins	12	Swimming slowly
01-07-2016	16:00	12°19.567'N	028°23.684'W	Dolphins	19	Standing near the CV
09-07-2016	18:10	11°38.124'N	024°47.111'W	Dolphins	26	Swimming fast
18-07-2016	09:50	06°35.591'S	004°44.760'W	Whales	2	Swimming away

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
XXX	XXX	13-06-2016	28°55.274'S	005°06.071'E	Fuel oil. goods and fishing gear	Yes
XXX	XXX	14-06-2016	25°05.047'S	008°50.330'E	Fuel oil. goods and bait	Yes
XXX	XXX	17-06-2016	11°28.025'S	004°28.498'E	Goods	Yes
XXX	XXX	18-06-2016	10°58.910'S	000°54.369'E	Fishing gear and goods	Yes
XXX	XXX	20-06-2016	09°14.179'S	000°01.272'W	Engine oil. bait. fishing gear and goods	Yes
XXX	XXX	20-06-2016	09° 03.066'S	000° 10.170'W	Bait. fishing gear and goods	Yes
XXX	XXX	21-06-2016	09° 27.548'S	000° 19.916'W	Bait. fishing gear and goods	Yes
XXX	XXX	21-06-2016	09° 34.477'S	000° 17.703'W	Bait. fishing gear and goods	Yes
XXX	XXX	23-06-2016	10° 38.224'S	008° 40.077'W	Bait. fishing gear and goods	Yes
XXX	XXX	23-06-2016	10° 36.710'S	008° 48.060'W	Bait. fishing gear and goods	Yes
XXX	XXX	24-06-2016	12° 57.461'S	010° 07.695'W	Bait. fishing gear and goods	Yes
XXX	XXX	25-06-2016	12° 36.519'S	010° 04.618'W	Bait. fishing gear. engine oil and goods	Yes
XXX	XXX	01-07-2016	12° 20.101'N	028° 11.739'W	Bait. fishing gear and goods	Yes
XXX	XXX	02-07-2016	14° 36.895'N	028° 40.748'W	Bait. engine oil. fishing gear and goods	Yes
XXX	XXX	02-07-2016	14° 32.536'N	028° 45.149'W	Fishing gear and goods	Yes
XXX	XXX	03-07-2016	15° 30.809'N	028° 55.836'W	Goods and deep freezer gas cylinders	Yes
XXX	XXX	03-07-2016	15° 29.834'N	028° 54.500'W	Goods	Yes
XXX	XXX	03-07-2016	15° 29.193'N	028° 56.032'W	Bait and goods	Yes
XXX	XXX	04-07-2016	16° 03.864'N	028° 47.481'W	Goods	Yes
XXX	XXX	04-07-2016	16° 14.088'N	028° 49.927'W	Fishing gear and goods	Yes
XXX	XXX	04-07-2016	16° 20.812'N	028° 53.546'W	Bait and goods	Yes
XXX	XXX	05-07-2016	15° 20.476'N	028° 51.336'W	Fuel oil. bait and goods	Yes
XXX	XXX	05-07-2016	15° 17.561'N	028° 54.592'W	Bait and goods	Yes
XXX	XXX	06-07-2016	15° 36.927'N	028° 56.623'W	Goods	No
XXX	XXX	06-07-2016	15° 35.836'N	028° 59.717'W	Bait and goods	Yes
XXX	XXX	08-07-2016	15° 59.261'N	028° 49.974'W	Bait and goods	Yes

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
XXX	XXX	11-07-2016	04° 57.636'N	018° 01.489'W	Fishing gear. bait and goods	Yes
XXX	XXX	12-07-2016	04° 23.193'N	018° 21.396'W	Bait and goods	Yes
XXX	XXX	12-07-2016	04° 29.879'N	018° 20.141'W	Bait and goods	Yes
XXX	XXX	13-07-2016	04° 49.147'N	019° 02.643'W	Bait. fishing gear and goods	Yes
XXX	XXX	13-07-2016	05° 06.076'N	018° 56.783'W	Bait and goods	Yes
XXX	XXX	14-07-2016	04° 12.620'N	016° 31.256'W	Bait. fishing gear and goods	Yes
XXX	XXX	14-07-2016	04° 15.756'N	016° 30.634'W	Bait. fishing gear and goods	Yes
XXX	XXX	15-07-2016	04° 11.370'N	015° 03.151'W	Bait. fishing gear. engine oil. fuel oil and goods	Yes
XXX	XXX	21-07-2016	17° 47.712'S	006° 58.429'E	Bait. fishing gear. fuel oil and goods	Yes
XXX	XXX	22-07-2016	20°26.610'S	006° 49.704'E	Bait. fishing gear. fuel oil and goods	Yes
XXX	XXX	24-07-2016	29°31.455'S	006° 02.071'E	Fuel oil	Yes
XXX	XXX	24-07-2016	29°26.062'S	005° 56.210'E	Fuel oil	Yes
XXX	XXX	24-07-2016	29°21.327'S	005° 48.380'E	Fuel oil	Yes
XXX	XXX	25-07-2016	29°52.748'S	003° 46.989'E	Fishing gear. gas cylinder and goods	Yes
XXX	XXX	26-07-2016	29°58.875'S	000° 58.587'E	Fuel oil and goods	Yes
XXX	XXX	27-07-2016	29°56.310'S	000° 22.139'E	Fuel oil. bait and goods	Yes
XXX	XXX	29-07-2016	21°29.169'S	005°34.549'E	Fuel oil and fresh water	Yes
XXX	XXX	31-07-2016	30°09.496'S	006°58.558'E	Fuel oil	Yes

ICCAT

Observer Report



Trip Number:	187- 16
Vessel Name:	Shota Maru
ICCAT Ref. No.	AT000LBR00022
Observer Name:	Belinda Moya Martinez
Cruise Dates:	From: 11/08/2016 To: 27/09/2016

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and the consortium of Marine Resources Assessment Group and Capricorn Fisheries, Belinda Moya Martinez (ROP no. 137) joined the Liberia, Monrovia registered Carrier Vessel (CV) Shota Maru (RFMO No. AT000LBR00022) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 11/08/2016 to 27/09/2016

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers.

2 Carrier Vessel details

Vessel name:	M/V. Shota Maru	Call sign:	D5KN7
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	TOEI Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,845.80 tm
Size (GRT):	3,936 t	Length (LOA):	100.98 m
On-board acoustic equipment:	VHF: JHS – 32A (x2); DSC HF/MF		
Position fixing equipment:	ARGOS: CLS (Leo) & ARGOS Martec; Thorium (TST – 100); AIS: JRC JHS – 182		
Vessel monitoring system (present/absent):	JRC: JMA -7000 Series (NCD 3570); Keiki: BR – 3200 – X26M		
Radar:	JRC: JMA -7000 Series (NCD 3570); Keiki: BR – 3200 – X26M		
Communications equipment:	VHF: JHS – 32A (x2); HF/MF: NKG – 800 (x2); NAVTEX: JRC – 300A, JRC: JAX – 91; INMARSAT: NQW – 132B; SBB Radiotelephone: ICOM IC – M700Pro		
Plotters:	JRC Color plotter, Open CNP 4.0.0		
Tuna products already on board (Quantity)	Yes 486.097		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	11/08/2016
Method of embarkation*	Portside
Date of departure	21/08/2016
Date of first transshipment	22/08/2016
Date of last transshipment	05/09/2016
Date of return	05/09/2016
Date of disembarkation	27/09/2016
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 9 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

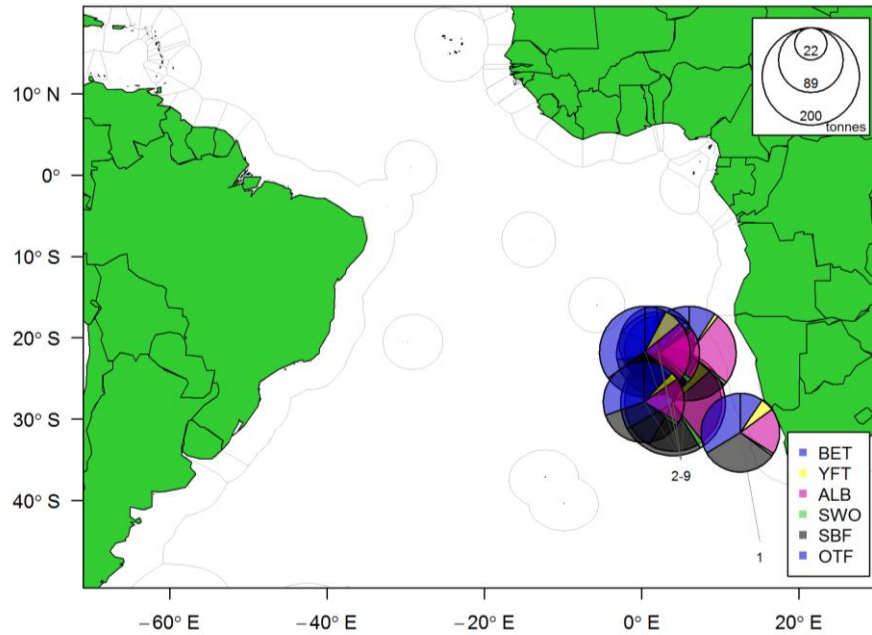


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	8
XXX	1

Comments:

Between the observer's embarkation and the CV's departure from port, the following quantities of tuna were transhipped in port.

Vessel	Weight (t)	Date	Nationality
XXX	178.325	11-12/08/2016	XXX
XXX	80.024	13/08/2016	XXX
XXX	146.343	14-15/08/2016	XXX
XXX	93.329	15-16/08/2016	XXX
XXX	146.047	16-17/08/2016	XXX
XXX	146.494	18-19/08/2016	XXX

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1	XXX	XXX	XXX	Yes	22/08/2016	31°39 S	012°31 E	18:15	100.00%
2	XXX	XXX	XXX	Yes	25/08/2016	27°58 S	003°59 E	11:00	100.00%
3	XXX	XXX	XXX	Yes	26/08/2016	28°03 S	003°58 E	08:30	100.00%
4	XXX	XXX	XXX	Yes	28/08/2016	21°55 S	006°00 E	06:25	100.00%
5	XXX	XXX	XXX	Yes	29/08/2016	20°43 S	001°54 E	04:05	100.00%
6	XXX	XXX	XXX	Yes	30/08/2016	21°30 S	002°09 E	06:10	100.00%
7	XXX	XXX	XXX	Yes	31/08/2016	21°55 S	002°04 E	06:25	100.00%
8	XXX	XXX	XXX	Yes	03/09/2016	21°41 S	000°23 W	05:35	100.00%
9	XXX	XXX	XXX	Yes	05/09/2016	27°53 S	000°15 E	06:00	100.00%

Comments: The observer did not board the LSPLV for inspection during Transhipment No.1 due to bad weather conditions, but documents were sent to the observer for review and a photo of the VMS was provided.

Table 3 Summary of vessel / observer estimated figures

No	Southern Bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	93501	97684	1030	1231	6013	6407	259	345	68040	76931	168843	182598	13750	7.53%
2	53246	54943	16845	17747	9519	11332	2950	3705	63347	71008	145907	158735	12830	8.08%
3	47025	47559	14274	16036	3201	2419	1647	1961	59607	63121	125754	131096	5340	4.07%
4	51577	54890	11609	16214	2713	2685	949	1035	21307	21759	88155	96583	8430	8.73%
5	30065	30114	10806	11385	1217	1713	1246	1473	25768	27527	69102	72212	3110	4.31%
6	45011	47542	18988	19236	654	1220	2217	2406	34501	36753	101371	107157	5790	5.40%
7	42024	44388	13762	12457	7236	10272	2420	2892	50660	56130	116102	126139	10040	7.96%
8	43802	44694	12430	15737	4749	3965	1480	1780	36257	38822	98718	104998	6280	5.98%

No	Southern Bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
9	36746	37778	10637	11240	5549	6719	1071	1406	37144	40602	91147	97745	6600	6.75%

Comments:

6 Species and weight transferred

The vessel contained tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
	Other Fish Unclassified	SE	1.50	0.15%	1.90	0.18%
Albacore	<i>Thunnus alalunga</i>	S	225.36	22.42%	241.55	22.42%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.88	0.09%	1.96	0.18%
Atlantic sailfish	<i>Istiophorus albicans</i>	E	3.60	0.36%	2.89	0.27%
Bigeye tuna	<i>Thunnus obesus</i>	All	110.38	10.98%	121.28	11.26%
Black marlin	<i>Makaira indica</i>	SE	1.89	0.19%	1.83	0.17%
Blue shark	<i>Prionace glauca</i>	SE	10.18	1.01%	13.94	1.29%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	126.09	12.54%	134.34	12.47%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	2.68	0.27%	2.99	0.28%
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	E	1.00	0.10%	2.58	0.24%
Mako sharks	<i>Isurus spp</i>	SE	4.08	0.41%	0.06	0.01%
Mixed Tunas	Thunnini	SE	0.00	0.00%	0.06	0.01%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	2.47	0.25%	2.79	0.26%
Oilfish	<i>Ruvettus pretiosus</i>	SE	0.71	0.07%	0.89	0.08%
Opah	<i>Lampris guttatus</i>	SE	14.48	1.44%	17.02	1.58%
Pomfret	<i>Brama brama</i>	SE	4.03	0.40%	4.73	0.44%
Porbeagle	<i>Lamna nasus</i>	SE	0.00	0.00%	3.91	0.36%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.00	0.00%	2.77	0.26%
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.75	0.07%	0.63	0.06%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	443.00	44.07%	459.59	42.66%

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Striped marlin	<i>Tetrapturus audax</i>	SE	0.35	0.04%	0.39	0.04%
Swordfish	<i>Xiphias gladius</i>	S	14.24	1.42%	17.00	1.58%
Various sharks <i>nei</i>	Selachimorpha (Pleurotremata)	SE	0.25	0.02%	0.00	0.00%
Wahoo	<i>Acanthocybium solandri</i>	SE	3.57	0.35%	3.96	0.37%
Yellowfin tuna	<i>Thunnus albacares</i>	All	40.85	4.06%	46.73	4.34%

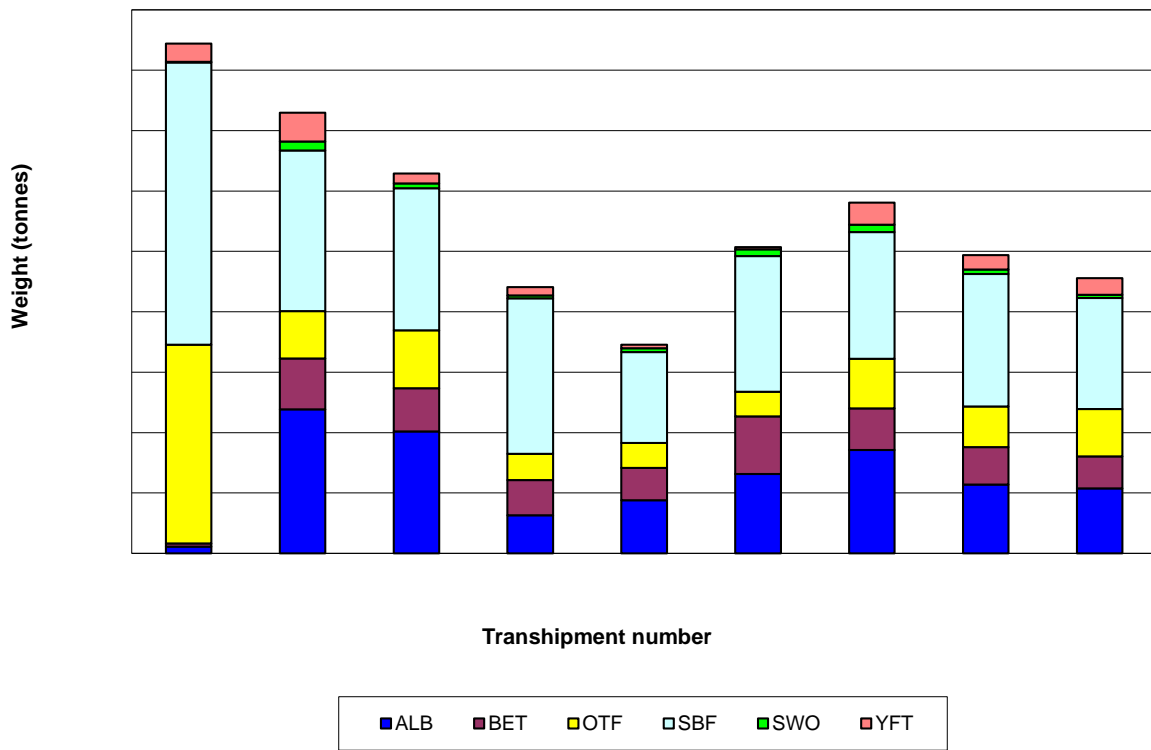


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other Fish Unclassified	50.00
Albacore	<i>Thunnus alalunga</i>	18.26
Atlantic blue marlin	<i>Makaira nigricans</i>	176.60
Atlantic sailfish	<i>Istiophorus albicans</i>	21.08
Bigeye tuna	<i>Thunnus obesus</i>	50.04
Black marlin	<i>Makaira indica</i>	72.73
Blue shark	<i>Prionace glauca</i>	20.73
Butterfly kingfish	<i>Gasterochisma melampus</i>	12.60
Dolphinfish	<i>Coryphaena hippurus</i>	8.30
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	13.17
Mako sharks	<i>Isurus spp</i>	41.66
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	13.12
Oilfish	<i>Ruvettus pretiosus</i>	10.20
Opah	<i>Lampris guttatus</i>	9.65
Pomfret	<i>Brama brama</i>	3.07
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.95
Southern bluefin tuna	<i>Thunnus maccoyii</i>	47.83
Striped marlin	<i>Tetrapturus audax</i>	39.22
Swordfish	<i>Xiphias gladius</i>	43.68
Various sharks <i>nei</i>	Selachimorpha (Pleurotremata)	5.00
Wahoo	<i>Acanthocybium solandri</i>	9.82

Comments:

Of the above species, *T. macoyii*, *T. obesus*, *T. albacares* and *T. audax* were processed GG (gilled and gutted). *T. alalunga* and *B.brama* RD (whole). *K. pelamis*, and *C. hippurus*, DR (head off) and RD, *T. pfluegeri*, *G. melampus*, *A. solandri*, *S.commerson*, *R. pretiosus*, *M. indica*, *A.solandri*, *P.glauca*, *I. albicans*, and *Isurus. spp*, were processed DR, *X. gladius* and *L.guttatus* DR and FL(fillet).

Shark fin and others fish products were transhipped in boxes and bags.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1	XXX	XXX	XXX	Yes	22/08/2016	31°39 S	012°31 E	18:15	100.00%
2	XXX	XXX	XXX	Yes	25/08/2016	27°58 S	003°59 E	11:00	100.00%
3	XXX	XXX	XXX	Yes	26/08/2016	28°03 S	003°58 E	08:30	100.00%
4	XXX	XXX	XXX	Yes	28/08/2016	21°55 S	006°00 E	06:25	100.00%
5	XXX	XXX	XXX	Yes	29/08/2016	20°43 S	001°54 E	04:05	100.00%
6	XXX	XXX	XXX	Yes	30/08/2016	21°30 S	002°09 E	06:10	100.00%
7	XXX	XXX	XXX	Yes	31/08/2016	21°55 S	002°04 E	06:25	100.00%
8	XXX	XXX	XXX	Yes	03/09/2016	21°41 S	000°23	05:35	100.00%
9	XXX	XXX	XXX	Yes	05/09/2016	27°53 S	000°15 E	06:00	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	1985	-	XXX
2	9	1069	XXX	XXX
3	9	979	XXX	XXX
4	9	1077	XXX	XXX
5	9	613	XXX	XXX
6	9	789	XXX	XXX
7	9	845	XXX	XXX
8	9	1504	XXX	XXX
9	9	732	XXX	XXX

Comments:

During transhipment No.1 the Document Number section on the CMF was not complete (see Figure 4).

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1	XXX	XXX	No	22/08/16	Yes	Yes	Yes	Yes	Yes	12/03/21	Yes	Y	Yes	Yes	Yes	PB	17/08/2016
2	XXX	XXX	Yes	25/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	22/08/2016
3	XXX	XXX	Yes	26/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	25/08/2016
4	XXX	XXX	Yes	28/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	26/06/2016
5	XXX	XXX	Yes	29/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	27/08/2016
6	XXX	XXX	Yes	30/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	25/08/2016
7	XXX	XXX	Yes	31/08/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	28/08/2016
8	XXX	XXX	Yes	03/09/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/09/2016
9	XXX	XXX	Yes	05/09/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/09/2016

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

The observer was unable to board the “XXX” during transhipment 1 due to the adverse weather conditions. The required documents and a picture of the VMS unit were provided to the observer.

Table 9 Comments from inspections

No	Comments
----	----------

1	<p>The bow marking of the “XXX” was partially worn away and could not be read (Figure 3).</p> <p>Figure 3 Bow marking of the “XXX”</p> <p>The Document Number of the CMF was blank (Figure 4).</p> <p>Figure 4 CMF of the “XXX”</p>
2	<p>The logbook of the “XXX” was unbound and stored in a folder (Figure 5)</p> <p>Figure 5 Logbook of the “XXX”</p>
3	<p>The logbook of the “XXX” was unbound and stored in a folder (Figure 6).</p> <p>Figure 6 Logbook page of the “XXX”</p>
5	<p>The logbook of the “XXX” was unbound and stored in a folder (Figure 7).</p> <p>Figure 7 Logbook of the “XXX”</p>
7	<p>The logbook of the “XXX” was unbound (Figure 8).</p> <p>Figure 8 Logbook of the “XXX”</p>
9	<p>The logbook of the “XXX” was unbound (Figure 9).</p> <p>Figure 9 Logbook of “XXX”</p>

The observer made 6 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1	XXX	XXX	1	IIM	-	-
2	XXX	XXX	2	LNB	-	-
3	XXX	XXX	3	LNB	-	-
5	XXX	XXX	4	LNB	-	-
7	XXX	XXX	5	LNB	-	-
9	XXX	XXX	6	LNB	-	-

Comments:

PNCs 2, 3, 4, 5 and 6 were identified at debriefing and therefore not reported to the CPC during deployment.

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel followed MARPOL regulations and notices regarding waste management were displayed around the vessel (Figure 10).

The vessel stored flammable waste such as paper, plastic, cardboard etc. and other non-flammable waste. There were separate containers for organic and inorganic waste and also for glass and cans, which were retained for disposal onshore (Figure 11).



Figure 10 Vessel waste disposal management plan



Figure 11 Vessel waste disposal units

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the cruise.

9.3 Marine mammals.

No marine mammals were sighted during the cruise.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
XXX	XXX	28/08/2016	21° 55,722 S	6° 00,317 E	Dry cargo transhipped	Yes
XXX	XXX	29/082016	20° 43,132 S	1° 54,287 E	Dry cargo transhipped	Yes

ICCAT

Observer Report



Trip Number:	188-16
Vessel Name:	Ibuki
ICCAT Ref. No:	AT000PAN00163
Observer Name:	Mzwandile Silekwa
Cruise Dates:	From: 03/09/2016 to 21/10/2016

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capfish, Mzwandile Silekwa (ROP no. 106) joined the Panama registered Carrier Vessel (CV) Ibuki (ROP no. AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 03/09/2016 to 21/10/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Ibuki	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3944 mt
Size (GRT):	6558 Ton	Length (LOA):	134.15 m
On-board acoustic equipment:		Furuno Echo Sounder FE-700	
Position fixing equipment:		Furuno GPS NAV GP-150 (2)	
Vessel monitoring system (present):		Thorium TST-100	
Radar:		Furuno RCU-014 (S-Band and X-Band)	
Communications equipment:		VHF: Furuno RC-8900 (2) HF: Furuno FS-2575C	
Plotters:		None	
Tuna products already on board (Quantity)		369.59 tons	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	03/09/2016
Method of embarkation*	Port Side
Date of departure	03/09/2016
Date of first transshipment	07/09/2016
Date of last transshipment	17/10/2016
Date of return	21/10/2016
Date of disembarkation	21/10/2016
Method of disembarkation*	Port Launch
Port of return	Dakar, Senegal

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel completed a total of 36 transshipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

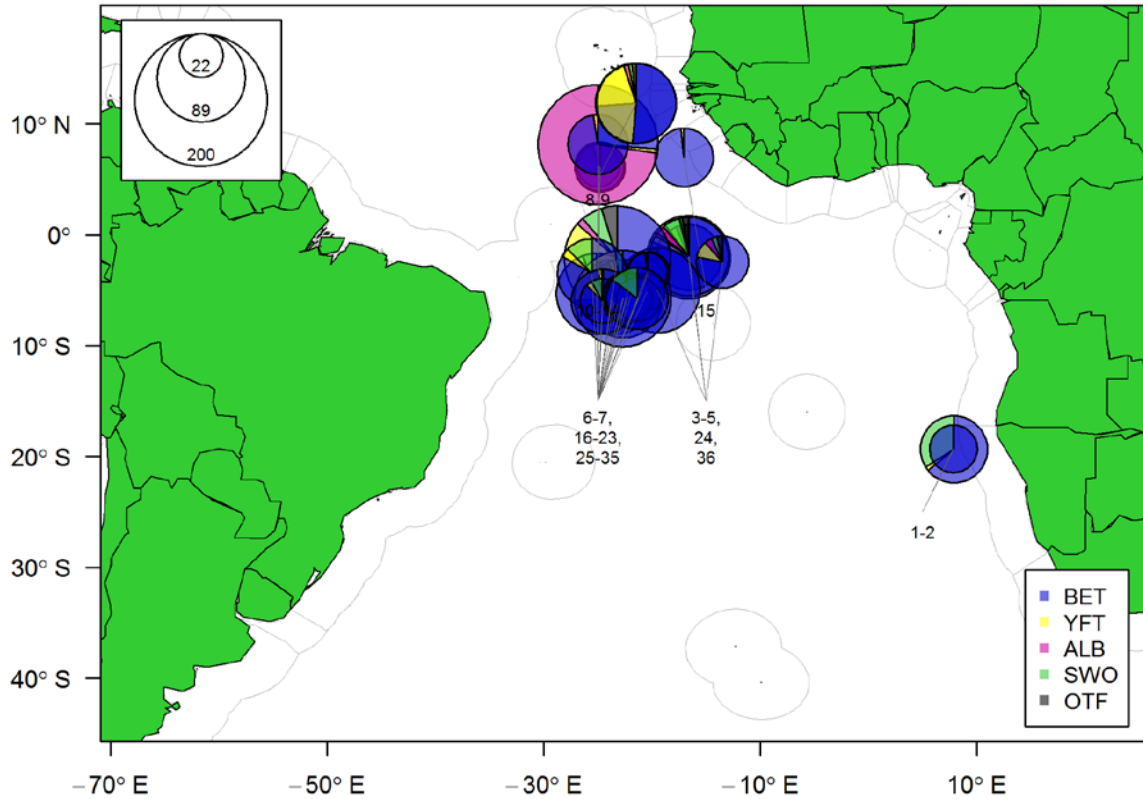


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	11
XXX	20
XXX	1
XXX	4

Comments: In addition, the CV conducted 3 non-ICCAT cargo transshipments (Appendix A)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	07/09/16	19°21.334 S	007°52.579 E	01:35	100.00
2				Yes	07/09/16	19°18.519 S	007°50.244 E	01:15	100.00
3				Yes	13/09/16	02°01.903 S	016°38.295 W	01:00	100.00
4				Yes	13/09/16	02°00.745 S	016°37.569 W	01:30	100.00
5				Yes	13/09/16	01°57.494 S	016°35.273 W	09:35	98.28
6				Yes	16/09/16	05°29.376 S	021°59.072 W	01:45	100.00
7				Yes	17/09/16	06°12.848 S	023°11.544 W	02:50	100.00
8				Yes	21/09/16	11°50.87 N	021°29.857 W	02:40	100.00
9				Yes	21/09/16	11°50.972 N	021°27.104 W	03:00	100.00
10				Yes	23/09/16	06°13.657 N	024°57.427 W	04:15	96.08
11				Yes	23/09/16	06°09.461 N	024°52.528 W	04:05	100.00
12				Yes	23/09/16	06°05.974 N	024°48.014 W	01:45	100.00
13				yes	24/09/16	08°07.845 N	024°59.701 W	04:00	100.00
14				Yes	24/09/16	08°08.436 N	024°59.815 W	04:30	100.00
15				Yes	26/09/16	06°58.122 N	017°03.475 W	02:15	100.00
16				Yes	29/09/16	05°45.135 S	022°39.566 W	02:10	100.00
17				Yes	29/09/16	05°44.349 S	022°42.081 W	02:15	100.00
18				Yes	30/09/16	03°28.911 S	025°32.952 W	02:25	100.00
19				Yes	05/10/16	05°59.824 S	024°31.327 W	00:40	100.00
20				Yes	05/10/16	05°57.998 S	024°36.501 W	00:50	100.00
21				Yes	06/10/16	02°10.629 S	023°12.522 W	03:10	100.00
22				Yes	07/10/16	04°57.354 S	022°11.849 W	02:50	100.00
23				Yes	08/10/16	05°09.065 S	020°31.222 W	03:45	100.00
24				Yes	09/10/16	05°00.571 S	019°29.445 W	04:15	100.00
25				Yes	10/10/16	05°06.86 S	023°40.756 W	02:30	100.00
26				Yes	11/10/16	06°08.997 S	023°33.723 W	01:05	100.00

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
27				Yes	12/10/16	05°22.532 S	025°00.634 W	01:10	100.00
28				Yes	12/10/16	05°18.7 S	025°05.771 W	00:45	100.00
29				Yes	13/10/16	05°40.487 S	022°15.886 W	00:50	100.00
30				Yes	13/10/16	05°39.463 S	022°17.196 W	00:35	100.00
31				yes	14/10/16	05°48.688 S	021°17.775 W	01:10	100.00
32				Yes	14/10/16	05°46.936 S	021°20.094 W	01:15	100.00
33				Yes	14/10/16	05°45.204 S	021°22.369 W	01:00	100.00
34				Yes	15/10/16	03°27.849 S	020°21.003 W	02:20	100.00
35				Yes	15/10/16	03°21.552 S	020°25.086 W	01:50	100.00
36				Yes	17/10/16	02°27.755 S	013°29.87 W	01:45	100.00

Comments:

Transshipment number 5. Due to the length of the transshipment, the observer took two breaks to have lunch and dinner. The transshipment was the third transshipment for the day and the observer was on deck for the first two transshipments without breaks. At 21:00 the CV captain stopped the transshipment to allow the crew to rest and the LSPLV was cast off. The remaining products were transhipped the following day from 06:30 to 06:50.

Transshipment number 10. The observer took a 10 minute break for lunch at 12:00 since there were three transshipments scheduled for the day.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	42.06	42.11	0.83	0.90	0.00	0.00	0.00	0.00	42.88	43.01	0.13	0.30
2	28.36	28.60	0.52	0.70	0.00	0.00	0.00	0.00	28.88	29.30	0.43	1.46
3	21.37	21.55	0.72	0.86	0.00	0.00	0.00	0.00	22.09	22.41	0.32	1.42
4	31.07	31.38	1.01	1.05	0.00	0.00	0.00	0.00	32.08	32.43	0.35	1.08
5	43.07	47.23	0.00	0.00	0.00	0.00	113.93	131.08	157.00	178.31	21.31	11.95
6	43.94	43.89	1.07	1.81	0.00	0.00	0.00	0.00	45.01	45.70	0.69	1.50
7	60.15	60.10	1.31	1.17	0.00	0.00	0.00	0.00	61.46	61.28	-0.18	-0.29
8	53.52	41.00	10.21	21.34	2.31	1.18	2.53	2.92	68.56	66.44	-2.12	-3.19
9	62.99	48.21	18.21	34.53	1.08	1.02	2.34	2.32	84.62	86.08	1.45	1.69
10	70.83	70.80	3.02	2.74	6.00	6.53	6.49	6.68	86.35	86.76	0.41	0.47
11	64.00	65.32	3.74	3.11	5.22	5.81	4.61	5.91	77.58	80.14	2.56	3.20
12	26.89	26.97	0.99	0.93	1.20	1.20	2.49	2.85	31.55	31.93	0.38	1.19
13	71.41	74.35	2.86	3.41	6.19	6.44	6.08	7.12	86.54	91.31	4.77	5.23
14	74.31	78.92	2.84	3.07	9.24	9.07	8.55	10.12	94.95	101.17	6.23	6.15
15	1.41	4.29	44.81	43.12	3.65	3.65	0.00	0.00	49.87	51.06	1.19	2.33
16	49.98	49.73	0.59	0.63	0.00	0.00	0.00	0.00	50.57	50.36	-0.21	-0.41
17	44.47	43.72	0.92	1.13	0.00	0.00	0.00	0.00	45.39	44.85	-0.54	-1.20
18	47.47	47.15	2.11	2.53	3.03	3.16	0.00	0.00	52.61	52.83	0.22	0.41
19	14.81	14.90	0.56	0.67	0.00	0.00	0.00	0.00	15.37	15.57	0.20	1.30
20	19.52	19.473	1.05	1.01	0.00	0.00	0.00	0.00	20.56	20.48	-0.08	-0.41
21	76.42	76.25	1.86	1.86	4.88	4.74	0.00	0.00	83.16	82.85	-0.31	-0.37
22	72.69	72.21	1.68	1.61	3.06	3.18	0.00	0.00	77.43	76.99	-0.44	-0.57
23	86.68	87.06	1.74	1.64	2.88	2.96	0.00	0.00	91.30	91.66	0.37	0.40
24	49.24	50.00	28.25	27.00	6.38	7.70	0.00	0.00	83.88	84.70	0.82	0.97
25	50.32	50.15	2.17	2.44	0.75	0.40	0.00	0.00	53.24	52.99	-0.26	-0.48
26	22.50	21.59	0.72	0.95	2.07	2.02	0.00	0.00	25.28	24.54	-0.74	-3.01
27	21.76	22.00	1.04	1.00	0.00	0.00	0.00	0.00	22.80	23.00	0.20	0.85
28	18.05	18.80	1.08	0.82	0.00	0.00	0.00	0.00	19.14	19.62	0.49	2.47
29	16.82	16.70	0.32	0.32	0.00	0.00	0.00	0.00	17.14	17.02	-0.12	-0.72
30	11.78	11.72	0.20	0.20	0.00	0.00	0.00	0.00	11.98	11.92	-0.06	-0.50
31	32.97	32.50	0.65	0.65	0.00	0.00	0.00	0.00	33.62	33.15	-0.47	-1.43
32	26.83	26.99	0.56	0.61	0.00	0.00	0.00	0.00	27.40	27.60	0.20	0.72
33	24.29	24.19	0.35	0.35	0.00	0.00	0.00	0.00	24.65	24.54	-0.10	-0.42
34	39.89	41.00	0.00	0.00	7.16	7.00	0.00	0.00	47.05	48.00	0.95	1.98
35	36.73	36.05	0.00	0.03	19.75	19.08	0.00	0.00	56.48	55.15	-1.33	-2.41

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
36	28.76	28.39	0.97	1.07	0.00	0.00	0.00	0.00	29.73	29.45	-0.28	-0.95

Comments:

Transshipment number 5. The product transferred showed an 11.95% difference to the products declared, the observer took two breaks for lunch and dinner. Due to the high humidity at the time, the moment the fish product were pulled out of the LSPLV hold the string was surrounded by a vapour cloud obscuring the fish. This made it very difficult to make accurate estimations of the product.

6 Species and weight transferred

The vessel contained 369.58 tons of tuna products when this ICCAT voyage commenced. The tuna products on board were received from transshipments conducted in the Atlantic Ocean. The total declared weight of all species transferred during the trip is shown in 4 and a breakdown by transshipment is shown in figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Other fish		All	1.55	0.08	2.00	0.11
Albacore	<i>Thunnus alalunga</i>	All	127.86	6.90	149.56	7.89
Atlantic blue marlin	<i>Makaira nigricans</i>	All	3.70	0.20	4.63	0.24
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.00	0.00	0.09	0.00
Bigeye tuna	<i>Thunnus obesus</i>	All	1483.85	80.12	1475.26	77.87
Blue shark	<i>Prionace glauca</i>	All	0.00	0.00	1.44	0.08
Indo-Pacific blue marlin	<i>Makaira mazara</i>	All	4.28	0.23	4.50	0.24
Oilfish	<i>Ruvettus pretiosus</i>	All	2.16	0.12	2.07	0.11
Opah	<i>Lampris guttatus</i>	All	1.92	0.10	1.83	0.10
Shortfin mako	<i>Isurus oxyrinchus</i>	All	0.00	0.00	1.13	0.06
Swordfish	<i>Xiphias gladius</i>	All	57.00	3.08	53.12	2.80
Swordfish	<i>Xiphias gladius</i>	N	27.61	1.49	31.57	1.67
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00	0.44	0.02
Various sharks nei	<i>Selachimorpha</i>	All	4.31	0.23	2.65	0.14
Yellowfin tuna	<i>Thunnus albacares</i>	All	138.83	7.50	165.25	8.72

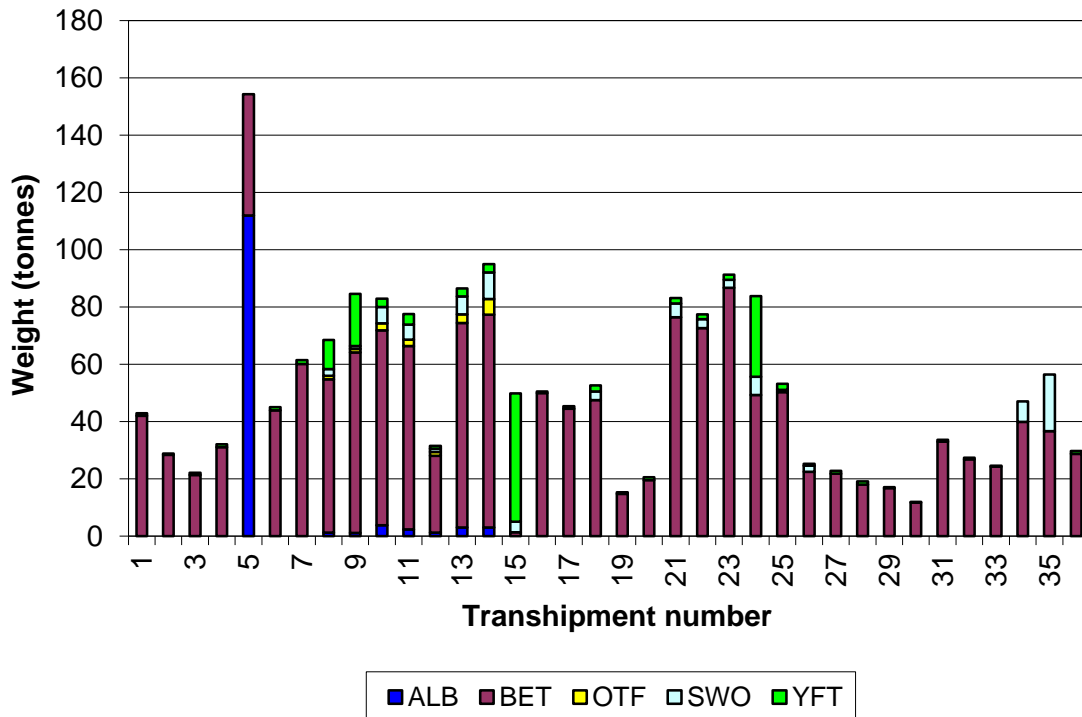


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		13.55
Albacore	<i>T. alalunga</i>	21.72
Atlantic blue marlin	<i>M. nigricans</i>	77.06
Bigeye tuna	<i>T. obesus</i>	52.84
Indo-Pacific blue marlin	<i>M. mazara</i>	97.25
Oilfish	<i>R. pretiosus</i>	13.67
Opah	<i>L. guttatus</i>	15.22
Swordfish	<i>X. gladius</i>	52.62
Various sharks nei	<i>Selachimorpha</i>	29.94
Yellowfin tuna	<i>T. albacares</i>	37.46

Comments:

During the deployment the most dominant species observed was *T. obesus* with 77.87%, followed by *T. albacares* with 8.72%, *T. alalunga* with 7.89% and *X. gladius* with 4.49%. The product type for *T. obesus* and *T. albacares* was gilled and gutted (GG) and round (RD) for *T. alalunga*. *X. gladius* was transhipped as headed (HO). Other fish species observed during transhipments were declared as dressed. Mostly head, tail and fins were removed. In some cases, *M. nigricans* and *M. mazara* were processed as dressed with the heads still attached in same way as (GG).

A thumb counter was used to tally the product as they were transferred from the LSPLV to the carrier vessel. The numbers observed were then cross checked with the numbers declared by the LSPLV.

The numbers declared by the LSPLV were used to calculate average weights for each species transferred. The average weights were then used to calculate the estimated total weight of the observed products.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on all the vessels that conducted transhipments.

Table 6 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Yes	07/09/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	02/09/16
2			Yes	07/09/16	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	01/09/16
3			Yes	13/09/16	Yes	Yes	Yes	Yes	Yes	05/06/20	Yes	Yes	Yes	Yes	Yes	PB	12/09/16
4			Yes	13/09/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	11/09/16
5			Yes	13/09/16	Yes	Yes	Yes	Yes	Yes	09/03/17	Yes	Yes	Yes	Yes	Yes	PB	12/09/16
6			Yes	16/09/16	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	No	Yes	Yes	Yes	PB	15/09/16
7			Yes	17/09/16	Yes	Yes	Yes	Yes	Yes	01/11/19	Yes	Fax	Yes	Yes	Yes	PB	16/09/16
8			Yes	21/09/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/09/16
9			Yes	21/09/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	21/09/16
10			Yes	23/09/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	21/09/16
11			Yes	23/09/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	23/09/16
12			Yes	23/09/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	21/09/16
13			Yes	24/09/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	23/09/16
14			Yes	24/09/16	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	23/09/16
15			Yes	26/09/16	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Fax	Yes	Yes	Yes	PB	26/09/16
16			Yes	29/09/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	28/09/16
17			Yes	29/09/16	Yes	Yes	Unk	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	29/09/16
18			Yes	30/09/16	Yes	Yes	Yes	Yes	Yes	12/05/20	Yes	Yes	Yes	Yes	Yes	PB	29/09/16

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
19			Yes	05/10/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	No	Yes	PB	04/10/16
20			Yes	05/10/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	04/10/16
21			Yes	06/10/16	Yes	Yes	Yes	Yes	Yes	03/03/20	Yes	Yes	Yes	Yes	Yes	PB	06/10/16
22			Yes	07/10/16	Yes	Yes	Yes	Yes	Yes	14/07/20	Yes	Yes	Yes	Yes	Yes	PB	06/10/16
23			Yes	08/10/16	Yes	Yes	Yes	Yes	Yes	28/03/20	Yes	Yes	Yes	Yes	Yes	PB	08/10/16
24			Yes	09/10/16	Yes	Yes	Yes	Yes	Yes	11/04/17	Yes	Yes	Yes	Yes	Yes	PB	08/10/16
25			Yes	10/10/16	Yes	Yes	Yes	Yes	Yes	15/10/19	Yes	Yes	Yes	Yes	Yes	PB	09/10/16
26			Yes	11/10/16	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Yes	No		Yes	PB	10/10/16
27			Yes	12/10/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	11/10/16
28			Yes	12/10/16	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	11/10/16
29			Yes	13/10/16	Yes	Yes	Unk	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	13/10/16
30			Yes	13/10/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	12/10/16
31			Yes	14/10/16	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Yes	Yes	Yes	Yes	PB	13/10/16
32			Yes	14/10/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	13/10/16
33			Yes	14/10/16	Yes	Yes	Yes	Yes	Yes	05/06/20	Yes	Yes	Yes	Yes	Yes	PB	13/10/16
34			Yes	15/10/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	14/10/16
35			Yes	15/10/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	14/10/16
36			Yes	17/10/16	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/10/16

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

The ATT marked as faxed were emailed to the CV a day after the transshipment.

The observer made no Potential Non Compliance (PNC) reports.

Table 7 Comments from inspections

TS No.	Vessel Name	ICCAT No.	Comments
1			No comment.
2			The fishing logbook was completed up to 01/09/2016. The captain said they were steaming to the transhipment position after this date.
3			No comment.
4			The logbook was not up to date with last entry completed on 11/09/2016. The Captain said the LSPLV did participate in any fishing activity after this date.
5			No comment.
6			The authorization to tranship was not on board the LSPLV or sent to the CV.
7			The ATT was emailed to the CV on the 18/09/2016, the day after the transhipment.
8			<p>The fishing logbook was printed and unbound. The officers indicated they submitted the fishing data to their office in Japan where the logbooks were completed and emailed to the ship.</p> <p>Figure 3 Fishing log of the XXX</p>
9			<p>The fishing logbook was printed and unbound. The officers indicated they submitted the fishing data to their office in XXX where the logbooks were completed and emailed to the ship.</p> <p>Figure 4 Fishing log of the LSPLV XXX</p>
10			The LSPLV did not display the National Registration Number (NRN). The fishing log was completed up to 21/09/2016. The LSPLV captain said the LSPLV was sailing on the 22/09/2016.
11			The LSPLV did not display the NRN.
12			The LSPLV did not display the NRN.
13			The LSPLV did not display the NRN.
14			No comment.

TS No.	Vessel Name	ICCAT No.	Comments
15			The ATT was received via fax after the transshipment.
16			The vessel name and NRN on the bow was not visible due to fouling on the bow. Figure 5 Bow markings of XXX
			The VMS was fitted with a power switch XXX
17			The NRN and part of the vessel name was not legible due to fouling. Figure 7 Bow markings of the HUNG XXX
18			No comment.
19			The LSPLV did not display the NRN. The ARGOS VMS unit shown to the observer was switched off during inspection. The LSPLV Captain could not explain why it was switched off. Figure 8 Inactive VMS unit of the XXX
20			The LSPLV did not display the NRN.
21			No comment.
22			No comment.
23			No comment.
24			No comment.
25			No comment.
26			The device shown to the observer during inspection was an AIS transponder and not a known VMS unit. The observer could not find a VMS unit in the wheelhouse but the LSPLV was fitted with two THRANE and THRANE Inmarsat antennae above the bridge. Figure 9 Device shown to observer as VMS on the XXX

TS No.	Vessel Name	ICCAT No.	Comments
27			The LSPLV did not display the NRN.
28			<p>The LSPLV was fitted with a Sailor VMS system not known to the observer. This system was not on the VMS identification guide.</p> <p>Figure 10 Unknown VMS device fitted to the XXX</p>
29			<p>The vessel name was partially obscured by fouling on the bow and the NRN was not legible due to this fouling.</p> <p>Figure 11 Bow markings of the XXX</p>
30			<p>The LSPLV name and NRN markings on the bow were not legible at a distance.</p> <p>Figure 12 Bow markings of the XXX</p>
			<p>The VMS system was fitted with a power switch.</p> <p>Figure 13 VMS system of XXX</p>
31			No comment.
32			No comment.
33			No comment.
34			<p>The LSPLV was using a printed and unbound logbook. The pages were not numbered.</p> <p>Figure 14 Fishing log used by the XXX</p>

TS No.	Vessel Name	ICCAT No.	Comments
35			The LSPLV was using a printed and unbound logbook. The pages were not numbered. Figure 15 Fishing log used by the XXX
36			No comment.

Table 10 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
Nil	Nil	Nil	Nil	Nil

8.1 Verifying vessel name / RFMO number and National Registration Number.

All the LSPLVs that were engaged in transhipments during this deployment were verified and were listed in the ICCAT list.

8.2 Issues with Fishing Licence, logbooks or VMS

The LSPLV XXX did not have a copy of the ATT on board.

The ATT for the XXX was emailed to the CV on the 18/09/2016, the day after the transhipment

The VMS unit shown to the observer during inspection of XXX was not switched on (Figure 8). The captain of the LSPLV could not explain why the unit was switched off.

The VMS unit of XXX was fitted with a power switch (Figures 6 and 13).

The LSPLV XXX could not show the observer a VMS device. Instead the observer was shown an AIS unit (Figure 9).

The VMS unit fitted to the LSPLV XXX was not included in the observer's VMS identification guide and could therefore not be identified (Figure 10).

9 Other Observer Tasks.

9.1 CV waste disposal

The CV made use of a system of drums to separate different types of waste. Plastic and synthetic ropes were kept in a blue drum, cans and bottles were kept in the green drum. Incinerator ash was kept in the yellow drum. Black plastic bags were used as bin liners. The big net was used to store all the plastic bags when they were full.



Figure 16 Waste storage on board the CV.

9.2 Unidentified or IUU vessels

There were no unidentified vessels sighted for during this deployment. All the vessels sighted were those scheduled for transshipments.

9.3 Marine mammals.

Two pilot whales were sighted in morning of the 20/09/2016 at 07:35 local time at position 07° 47.329'N and 022° 00.093'W. Both animals were swimming north, the same direction as the CV. The animals were about 35m from the vessel on the port side.

Table8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
20/09/2016	07:35	07 47.329'N	022 00.093'W	Pilot whale <i>Globicephala</i> <i>spp.</i>	2	swimming

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP cargo transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		15/09/2016	05 13.309'S	021 46.834'W	Dry cargo, bait and frozen food and wooden box
		17/09/2016	06 14.195'S	023 09.566'W	Dry cargo, bait and frozen food parcels.
		01/10/2016	01 49.775'S	024 45.000'W	Bait, frozen food parcels, oil drums and wooden box.

ICCAT

Observer Report



Trip Number:	189
Vessel Name:	TAISEI MARU No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	RICARDO SILVA
Cruise Dates:	From: 08/09/2016 To: 14/11/2016

1 Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA, LTD and MRAG, Ricardo Silva (observer no.114) joined the Japan registered Carrier Vessel (CV) TAISEI MARU No.24 (ICCAT no. AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 08/09/2016 to 13/11/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

Carrier Vessel details

Vessel name:	TAISEI MARU No.24	Call sign:	JILE
Port of registration:	ISE – SHI (Japan)	Flag State:	JAPAN
Owner:	TAISEI MARU KAIUN KAISHA, LTD.	Charterer:	TAISEI MARU KAIUN KAISHA, LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 M/T
Size (GRT):	4,992 Ton	Length (LOA):	124,25 m.
Position fixing equipment:	JRC JLR-7800 JRC JLR-7700MK JRC JLR-680		
Vessel monitoring system (present):	VMS unit and transmitter equipment: JRC JUE-95VM INMARSAT-C		
Radar:	JMA-9132-SA JMA-6503-9		
Communications equipment:	HF/MF: JRC JSS-800 VHF: JRC JHS-31 Inmarsat B/C/F33		
Plotters:	JRC NWU-53		
Tuna products already on board (Quantity)	0		

2 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	08/09/2016
Method of embarkation*	Portside
Date of departure	10/09/2016
Date of first transshipment	15/09/2016
Date of last transshipment	08/11/2016
Date of return	13/11/2016
Date of disembarkation	14/11/2016
Method of disembarkation*	Portside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

The vessel returned to port on 13/11/2016 but the observer did not disembark until 14/11/2016.

3 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 42 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

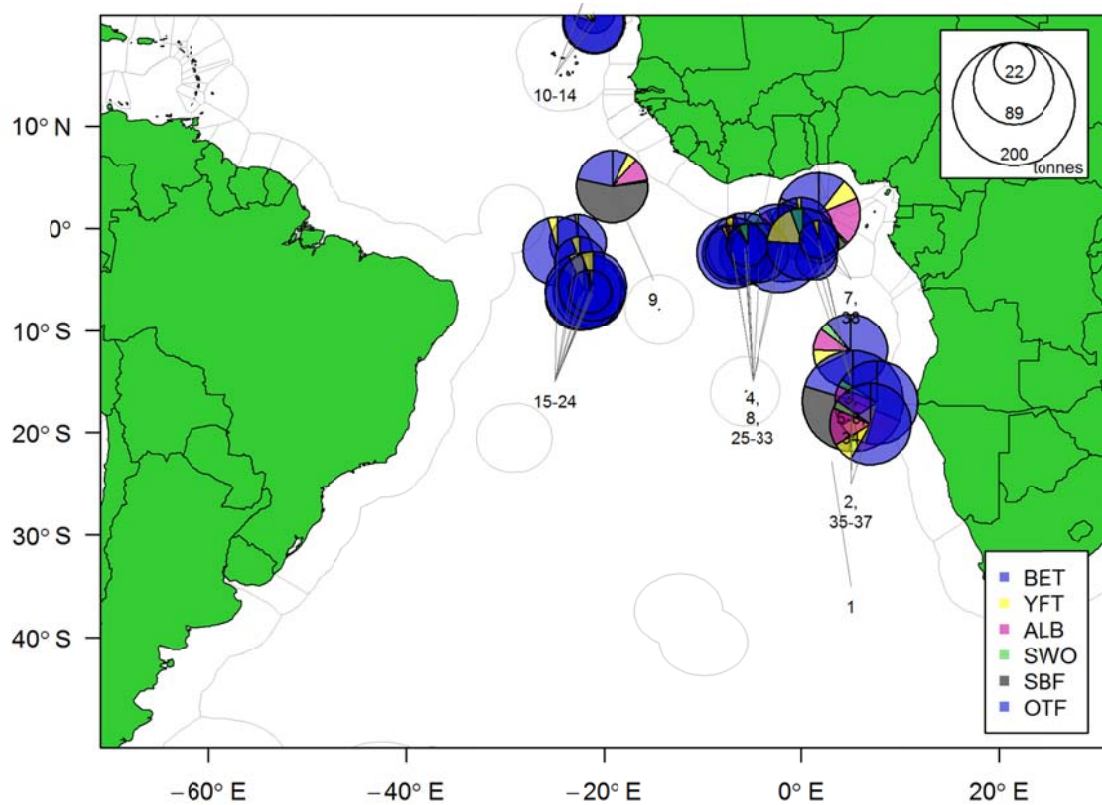


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	4
	20
	2
	16

Comments: 15 Non ROP transhipments were performed, (Table 11).

4 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	15/09/2016	22°46,438 S	003°04,571 E	03:35	100
2				Yes	18/09/2016	12°00,667 S	004°56,886 E	05:05	100
3				Yes	23/09/2016	01°41,266 S	001°48,216 E	03:05	100
4				Yes	23/09/2016	01°35,443 S	001°46,341 W	01:05	100
5				Yes	24/09/2016	01°31,681 S	000°09,388 E	02:35	100
6				Yes	25/09/2016	01°04,916 S	001°44,088 E	03:40	100
7				Yes	26/09/2016	01°25,227 N	001°45,677 E	03:25	100
8				Yes	28/09/2016	01°38,132 S	005°30,565 W	02:15	100
9				Yes	01/10/2016	04°05,649 N	019°10,3 W	02:45	100
10				Yes	04/10/2016	20°59,61 N	021°03,09 W	05:25	100
11				Yes	05/10/2016	25°00,872 N	021°00,165 W	03:30	100
12				Yes	06/10/2016	25°02,174 N	020°57,908 W	01:37	100
13				Yes	07/10/2016	20°07,138 N	021°00,138 W	01:30	100
14				Yes	07/10/2016	20°04,047 N	021°00,82 W	01:20	100
15				Yes	12/10/2016	01°24,619 S	022°41,182 W	02:25	100
16				Yes	13/10/2016	02°13,975 S	024°44,146 W	03:00	100
17				Yes	14/10/2016	03°15,725 S	022°29,888 W	02:55	100
18				Yes	15/10/2016	06°39,211 S	022°30,788 W	02:05	100
19				Yes	16/10/2016	06°24,046 S	021°11,658 W	01:45	100
20				Yes	16/10/2016	06°21,448 S	021°19,059 W	02:05	100
21				Yes	17/10/2016	06°09,04 S	021°27,743 W	02:50	100
22				Yes	18/10/2016	06°12,476 S	021°27,769 W	03:30	100
23				Yes	19/10/2016	06°09,753 S	022°03,973 W	03:05	100
24				Yes	20/10/2016	05°39,466 S	021°09,302 W	01:00	100
25				Yes	23/10/2016	01°59,559 S	005°49,545 W	01:25	100

26				Yes	23/10/2016	01°53,162 S	005°52,661 W	02:55	100
27				Yes	24/10/2016	02°31,885 S	005°40,833 W	03:30	100
28				Yes	25/10/2016	02°49,568 S	005°25,856 W	02:35	100
29				Yes	26/10/2016	02°26,425 S	007°00,388 W	01:10	100
30				Yes	26/10/2016	02°24,561 S	007°01,484 W	01:10	100
31				Yes	26/10/2016	02°22,593 S	007°02,137 W	00:40	100
32				Yes	27/10/2016	02°22,641 S	004°15,95 W	04:35	100
33				Yes	28/10/2016	01°57,933 S	002°16,167 W	01:35	100
34				Yes	29/10/2016	03°01,298 S	001°31,58 E	02:35	100
35				Yes	01/11/2016	17°03,275 S	007°35,438 E	06:00	100
36				Yes	02/11/2016	19°09,025 S	006°59,282 E	03:45	100
37				Yes	03/11/2016	16°54,179 S	005°12,744 E	03:20	100
38				Yes	04/11/2016	16°49,408 S	006°11,595 E	03:35	100
39				Yes	04/11/2016	16°40,52 S	006°02,944 E	03:05	100
40				Yes	05/11/2016	15°48,432 S	005°59,016 E	06:25	100
41				Yes	07/11/2016	17°17,972 S	000°00,528 E	08:40	100
42				Yes	08/11/2016	17°22,682 S	000°35,603 E	06:40	100

Table 3 Summary of vessel / observer estimated figures

No	SBF		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Weight	%
1	47.213	46.935	6.092	6.196	3.808	3.803	0.684	0.672	18.353	18.311	76.15	75.917	0.23	0.31
2	48.013	46.869	11.777	11.501	9.059	9.107	2.355	1.095	19.386	20.534	90.59	89.106	1.48	1.67
3	0	0	58.9	59.5	1.51	1.5	0	0	0	0	60.41	61	-0.59	-0.97
4	0	0	26.234	26.283	0.756	0.717	0	0	0	0	26.99	27	-0.01	-0.04
5	0	0	52.91	52.626	5.015	4.977	4.765	4.78	0	0	62.69	62.383	0.31	0.49
6	0	0	53.645	51.745	9.245	8.883	3.78	4.691	0	0	66.67	65.319	1.35	2.07
7	0	0	52.847	50.811	3.687	3.702	4.916	4.71	0	0	61.45	59.223	2.23	3.76
8	0	0	34.519	35.615	4.841	4.984	13.98	13.984	0	0	53.34	54.583	-1.24	-2.28
9	0	0	57.24	56.7	19.807	19.674	1.176	1.115	5.707	5.672	83.93	83.161	0.77	0.92
10	0	0	91.242	89.795	5.948	5.823	11.301	11.087	10.469	10.295	118.96	117	1.96	1.68
11	0	0	49.599	49.221	27.482	27.37	0.627	0.614	3.602	3.564	81.31	80.769	0.54	0.67
12	0	0	18.953	17.625	7.236	6.815	1.551	1.459	6.72	6.271	34.46	32.17	2.29	7.12
13	0	0	23.628	22.37	24.202	22.915	0	0	0	0	47.83	45.285	2.55	5.62
14	0	0	43.626	43.117	3.284	3.175	0	0	0	0	46.91	46.292	0.62	1.34
15	0	0	56.494	57	1.586	1.6	0	0	0	0	58.08	58.6	-0.52	-0.89
16	0	0	76.3	78.5	2.43	2.5	0	0	0	0	78.73	81	-2.27	-2.80
17	0	0	45.428	45	0.946	1	0	0	0.946	1	47.32	47	0.32	0.68
18	0	0	55.571	55.7	0.789	0.78	0	0	0	0	56.36	56.48	-0.12	-0.21
19	0	0	27.567	26.23	0.766	0.61	2.297	2.18	0	0	30.63	29.02	1.61	5.55
20	0	0	50.538	50.512	0.822	0.784	0	0	0	0	51.36	51.296	0.06	0.12
21	0	0	76.911	72.495	3.709	3.477	0	0	0	0	80.62	75.972	4.65	6.12
22	0	0	75.421	72.757	1.539	1.486	0	0	0	0	76.96	74.243	2.72	3.66
23	0	0	66.581	66.358	2.059	2.1	0	0	0	0	68.64	68.458	0.18	0.27
24	0	0	30.829	30.252	0.311	0.188	0	0	0	0	31.14	30.44	0.70	2.30
25	0	0	39.874	37.845	2.366	2.252	0	0	0	0	42.24	40.097	2.14	5.34
26	0	0	76.273	74.313	12.417	11.838	0	0	0	0	88.69	86.151	2.54	2.95
27	0	0	89.021	90	6.189	6.226	0	0	0	0	95.21	96.226	1.02	1.06
28	0	0	74.566	72.958	4.424	4.282	0	0	0	0	78.99	77.24	1.75	2.27
29	0	0	30.743	28.971	0.627	0.57	0	0	0	0	31.37	29.541	1.83	6.19

No	SBF		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Weight	
30	0	0	28.156	26.273	0.634	0.584	0	0	0	0	28.79	26.857	1.93	7.20
31	0	0	20.107	19.594	0.203	0.205	0	0	0	0	20.31	19.799	0.51	2.58
32	0	0	64.191	62.124	15.332	14.814	4.717	4.572	0	0	84.24	81.51	2.73	3.35
33	0	0	23.31	21.871	1.15	1.075	0	0	0	0	24.46	22.946	1.51	6.60
34	0	0	60.962	59.137	7.345	7.137	3.264	3.254	10.039	9.643	81.61	79.171	2.44	3.08
35	49.329	47.079	53.557	51.532	0.281	0.161	4.229	4.014	33.544	33.319	140.94	136.105	4.84	3.55
36	0	0	61.235	60.511	13.395	12.946	3.109	3.06	17.941	17.658	95.68	94.175	1.50	1.60
37	0	0	64	61.925	8.85	8.628	3.354	3.292	16.956	16.325	93.16	90.17	2.99	3.32
38	0	0	55.58	53.658	5.955	5.715	1.906	1.86	15.959	15.324	79.4	76.557	2.84	3.71
39	0	0	60.66	54.929	4.107	3.751	3.227	2.938	5.356	4.783	73.35	66.401	6.95	10.47
40	0	0	86.469	83.975	12.116	11.834	5.011	4.893	34.094	33.065	137.69	133.767	3.92	2.93
41	0	0	58.082	56.154	18.988	18.398	5.306	5.013	57.244	55.495	139.62	135.06	4.56	3.38
42	0	0	51.916	50.723	13.362	13.05	3.226	3.14	46.686	45.6	115.19	112.513	2.68	2.38

A difference of greater than 10% between observed and declared weights was observed for transshipment 39. The vessel weighed transferred product using a hook scale, and the observer apportioned observed products so that total estimated weights equalled the hook scale records. The weights declared on the transshipment declaration differed from those indicated by the hook scale, and the percentage difference in all cases represents the difference between the declared figures and those recorded by the hook scale.

5 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	N	21.91	0.74	21.34	0.74
Albacore	<i>Thunnus alalunga</i>	S	251.85	8.56	245.37	8.53
Atlantic blue marlin	<i>Makaira nigricans</i>	N	3.80	0.13	3.68	0.13
Atlantic blue marlin	<i>Makaira nigricans</i>	S	6.90	0.23	6.40	0.22
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	0.32	0.01	0.33	0.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.80	0.03	0.80	0.03
Bigeye tuna	<i>Thunnus obesus</i>	All	2141.55	72.78	2094.40	72.82
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	12.68	0.43	14.57	0.51
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.18	0.01	0.16	0.01
Mako sharks	<i>Isurus spp</i>	SE	0.97	0.03	0.44	0.02
Opah	<i>Lampris guttatus</i>	NE	0.95	0.03	0.90	0.03
Opah	<i>Lampris guttatus</i>	SE	6.26	0.21	6.09	0.21
Pelagic Sharks nei	Pelagic Sharks nei	SE	0.00	0.00	0.27	0.01
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	144.56	4.91	140.88	4.90
Swordfish	<i>Xiphias gladius</i>	N	14.66	0.50	14.28	0.50
Swordfish	<i>Xiphias gladius</i>	S	70.13	2.38	68.15	2.37
Yellowfin tuna	<i>Thunnus albacares</i>	All	268.58	9.13	261.44	9.09

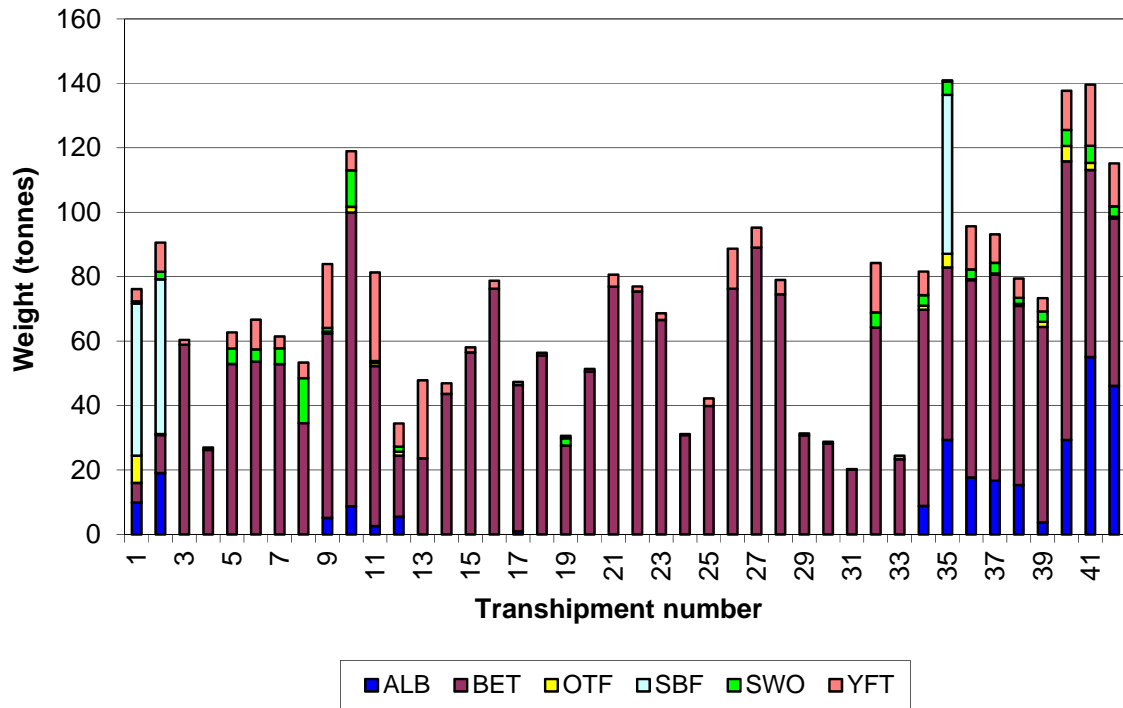


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.07
Atlantic blue marlin	<i>Makaira nigricans</i>	159.61
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	10.36
Bigeye tuna	<i>Thunnus obesus</i>	46.35
Butterfly kingfish	<i>Gasterochisma melampus</i>	13.29
Dolphinfish	<i>Coryphaena hippurus</i>	7.04
Mako sharks	<i>Isurus spp</i>	35.81
Opah	<i>Lampris guttatus</i>	10.24
Southern bluefin tuna	<i>Thunnus maccoyii</i>	62.04
Swordfish	<i>Xiphias gladius</i>	43.79
Yellowfin tuna	<i>Thunnus albacares</i>	39.16

Comments:

Bigeye and yellowfin tuna were counted as mixed tuna and then recorded by species in the declared proportions. Vessel recorded average weights were based on the numbers and weights declared on the transshipment declarations and vessel declared figures.

The vessel weight transferred products using a hook scale, and the observer considered the weights recorded by the hook scale to be correct, and that the observer estimated weights must therefore be the same as the hook scale weights. The observer determined the proportion by weight of each species transhipped by each vessel, and from this, calculated average weights based on the overall weight transferred as recorded by the hook scale.

The weights declared on the transshipment declaration were not the same as those recorded by the hook scale. This discrepancy was explained as compensation for ice accumulation on the frozen product. Average weights from the transshipment declaration and those calculated by the observer were therefore not the same.

6 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	15/09/2016	22°46,438 S	003°04,571 E	03:35	100
2				Yes	18/09/2016	12°00,667 S	004°56,886 E	05:05	100
35				Yes	01/11/2016	17°03,275 S	007°35,438 E	06:00	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	925	46,935		
2	9	984	46,869		
35	2	56	2,213		
35	8	672	44,771		

Comments:

During transhipments 1 and 35, SBF was transferred in strings mixed with other species.

7 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	15/09/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	No	No	Unk	Unk
2			Yes	18/09/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk
3			Yes	23/09/16	Yes	Yes	Unk	Yes	Yes	01/03/17	Yes	Y	Yes	Yes	Yes	PB	22/09/2016
4			Yes	23/09/16	Yes	Yes	Unk	Yes	Yes	07/06/20	Yes	Y	Yes	Yes	Yes	PB	23/09/2016
5			Yes	24/09/16	Yes	Yes	Unk	Yes	Yes	24/12/18	Yes	Y	Yes	Yes	Yes	PB	22/09/2016
6			Yes	25/09/16	Yes	Yes	Unk	Yes	Yes	10/12/17	Yes	Y	Yes	Yes	Yes	PB	24/09/2016
7			Yes	26/09/16	Yes	Yes	Unk	Yes	Yes	09/01/17	Yes	Y	Yes	Yes	Yes	PB	26/09/2016
8			Yes	28/09/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk
9			Yes	01/10/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
10			Yes	04/10/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk
11			Yes	05/10/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk
12			Yes	06/10/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	No	Unk	Unk

				Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
			Boarded	Date	Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
			Yes	29/10/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	28/10/2016
			Yes	01/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	31/10/2016
			Yes	02/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	01/11/2016
			Yes	03/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	02/11/2016
			Yes	04/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	No	Yes	PU	03/11/2016
			Yes	04/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/11/2016
			Yes	05/12/60	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	04/11/2016
41			Yes	07/11/16	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	07/11/2016
42			Yes	08/11/16	Yes	No	Unk	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	08/11/2016

Table 9 Comments from inspections

No	Comments
1	<p>The VMS power light was switched off during inspection (Figure 3). The observer was shown the Ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 4).</p> <p>Figure 3 Switched off VMS on x</p> <p>Figure 4 Ship's logbook on x shown in lieu of the fishing logbook.</p>
2	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 5).</p> <p>Figure 5 Ship's logbook on x in lieu of the fishing logbook</p>
3	<p>The name on the bow was worn and difficult to read (Figure 6). The callsign on the side of the vessel was also worn (Figure 7), although the upward-facing callsign was clear (Figure 8).</p> <p>Figure 6 Worn away name on bow of x</p> <p>Figure 7 Worn / obscured name on side of x</p> <p>Figure 8 Upward-facing callsign on x</p>
8	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 9).</p> <p>Figure 9 Ship's logbook on x shown in lieu of the fishing logbook.</p>
9	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 10).</p> <p>Figure 10 Ship's logbook on x shown in lieu of the fishing logbook</p>
10	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 11).</p> <p>Figure 11 Ship's logbook on x shown in lieu of fishing logbook</p>

11	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 12).</p> <p>Figure 12 Ship's logbook on x shown in lieu of the fishing logbook</p>
12	<p>The observer was shown the ship's logbook instead of the fishing logbook. He was informed by the CV that this logbook included catch records (Figure 13).</p> <p>Figure 13 Ship's logbook on x shown in lieu of fishing logbook</p>
14	<p>At time of inspection, the name of the vessel was recorded in the ICCAT database as xxx, but the name was indicated to be yyy on the bow (Figure 14), stern (Figure 15) and ATF (Figure 16).</p> <p>Figure 14 Incorrect name on bow of EVER RICH 636 Figure 15 Incorrect name on stern of EVER RICH 636</p> <p>Figure 16 Incorrect name on ATF of EVER RICH 636</p>
	<p>The name on the bow (Figure 17) and on the stern (Figure 18) differed from each other. The name on the bow was in agreement with the name recorded in the ICCAT database. The callsign was partially obscured by algal growth and was difficult to read (Figure 19).</p> <p>Figure 17 Correct name on bow of x Figure 18 Incorrect name on stern of x</p> <p>Figure 19 Partially obscured callsign on side of x</p>
30	<p>The name on the bow was partially obscured by rust and was difficult to read (Figure 20).</p> <p>Figure 20 Partially obscured name on bow of x</p>
32	<p>The name on the bow was partially obscured by rust and was difficult to read (Figure 21).</p> <p>Figure 21 Partially obscured name on bow of x</p>

34	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 22).</p> <p>Figure 22 Printed but unbound logbook on SUMIYOSHI MARU NO.75</p>
35	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 23).</p> <p>Figure 23 Printed but unbound logbook on SHOFUKU MARU NO.58</p>
36	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 24).</p> <p>Figure 24 Printed but unbound logbook on x</p>
37	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 25).</p> <p>Figure 25 Printed but unbound logbook on x</p>
38	<p>The VMS shown to the observer had no visibly switched on power light (Figure 26).During inspection, the observer was shown a printed but unbound logbook (Figure 27).</p> <p>Figure 26 VMS with no power light on x</p> <p>Figure 27 Printed but unbound logbook on x</p>
39	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 28).</p> <p>Figure 28 Printed but unbound logbook on x</p>
40	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 29).</p> <p>Figure 29 Printed but unbound logbook on x</p>
41	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 30).</p> <p>Figure 30 Printed but unbound logbook on x</p>
42	<p>During inspection, the observer was shown a printed but unbound logbook (Figure 31).</p> <p>Figure 31 Printed but unbound logbook on x</p>

The observer made 16 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
1			18901	VNL	
3			18903	IIM	
5			18905	LND	
14			18914	IIM	
21			18921	IIM	LEI
30			18930	IIM	
32			18932	IIM	
34			18934	LNB	
35			18935	LNB	
36			18936	LNB	
37			18937	LNB	
38			18938	VNL	LNB
39			18939	LNB	
40			18940	LNB	
41			18941	LNB	
42			18942	LNB	

During the deployment there was uncertainty as to whether the logbooks shown to the observer during transshipments 34 to 42 were printed and unbound, or whether they were electronic logbooks. These PNCs were therefore not submitted at the time. During briefing, the observer stated that no electronic logbooks were shown to him, and the only photographs provided by the observer indicate printed but unbound logbooks.

8 Other Observer Tasks.

8.1 CV waste disposal

Most waste was separated and stored for onshore disposal.

8.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed

8.3 Marine mammals.

No marine mammals were seen during the deployment.

9 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix A

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		13/09/2016	26°23.748' S	3°06.556' E	Supplied with fuel and food.	Yes
		14/09/2016	24°21.270' S	4°50.139' E	Supplied with fuel and food.	Yes
		14/09/2016	24°16.954' S	4°46.176' E	Supplied with fuel and bait.	Yes
		15/09/2016	22°47.007' S	3°04.343' E	Supplied with food.	Yes
		17/09/2016	12°28.852' S	2°29.108' E	Supplied with fuel and food.	Yes
		17/09/2016	12°25.241' S	2°25.132' E	Supplied with bait and food.	Yes
		18/09/2016	12°03.632' S	4°57.684' E	Supplied with fuel and food.	Yes
		19/09/2016	13°08.352' S	4°31.456' E	Supplied with fuel and food.	Yes
		20/09/2016	17°56.522' S	1°27.217' E	Supplied with food.	Yes
		20/09/2016	17°54.049' S	1°24.206' E	Supplied with fuel, bait and food.	Yes
		28/09/2016	01°39.434' S	5°30.908' W	Supplied with food.	Yes
		29/10/2016	02°57.622' S	1°32.884' E	Supplied with fuel.	Yes
		01/11/2016	17°03.837' S	7°38.410' E	Supplied with fuel.	Yes
		02/11/2016	19°12.619' S	7°01.643' E	Supplied with fuel.	Yes
		03/11/2016	16°51.035' S	5°15.298' E	Supplied with fuel.	Yes

ICCAT

Observer Report



Trip Number:	190-16
Vessel Name:	Futagami
ICCAT Ref. No.	AT000LBR00016
Observer Name:	Eddie Higgins
Cruise Dates:	From: 13/10/2016 to 12/12/2016 (leaving Atlantic Ocean)

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and the Consortium of Marine Resources Assessment Group Ltd. and Capricorn Fisheries Monitoring, Eddie Higgins (ICCAT no. 110) joined the Liberia registered Carrier Vessel (CV) Futagami (ICCAT No. AT000LBR00016) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 13/10/2016 to 12/12/2016.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	FUTAGAMI	Call sign:	D5KG4
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	NAVISA MARATIME, S.A. /TOEI REEFER LINE LTD	Charterer:	NAVISA MARATIME, S.A. /TOEI REEFER LINE LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2000MT
Size (GRT):	2581	Length (LOA):	88.94
On-board acoustic equipment:	FURUNO		
Position fixing equipment:	FURUNO, JRC, ANRITSU		
Vessel monitoring system (present/absent):	ARGOS ID:68742		
Radar:	2 x FURUNO		
Communications equipment:	E-mail, FAX, SAT PHONE, INMARSAT, HF, MW, VHF-Radios		
Plotters:	FURUNO		
Tuna products already on board (Quantity)	NIL		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	20/09/2016 (in Singapore)
Method of embarkation	Portside*
Date of departure	14/10/2016
Date of first transshipment	17/10/2016
Date of last transshipment	04/12/2016
Date when CV exited the ICCAT area (20°E)	12/12/2016
Date of return (to port)	21/12/2016
Date of disembarkation	22/12/2016
Method of disembarkation	Port Launch
Port of return	Port Louis, Mauritius

*The observer boarded in Singapore and remained on board when the CV made a port call to Cape Town.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The observer boarded the CV in Singapore on 20/09/2016 to monitor transshipments in the Indian Ocean and remained on board the CV when the ship made a port call to Cape Town, docking on 12/10/2016. During the ICCAT deployment, the CV management decided not to make a port call at the end of the deployment, but rather to proceed directly to Port Louis, Mauritius, where the observer disembarked.

The vessel made a total of twelve transshipments at sea. The locations are shown in detail in

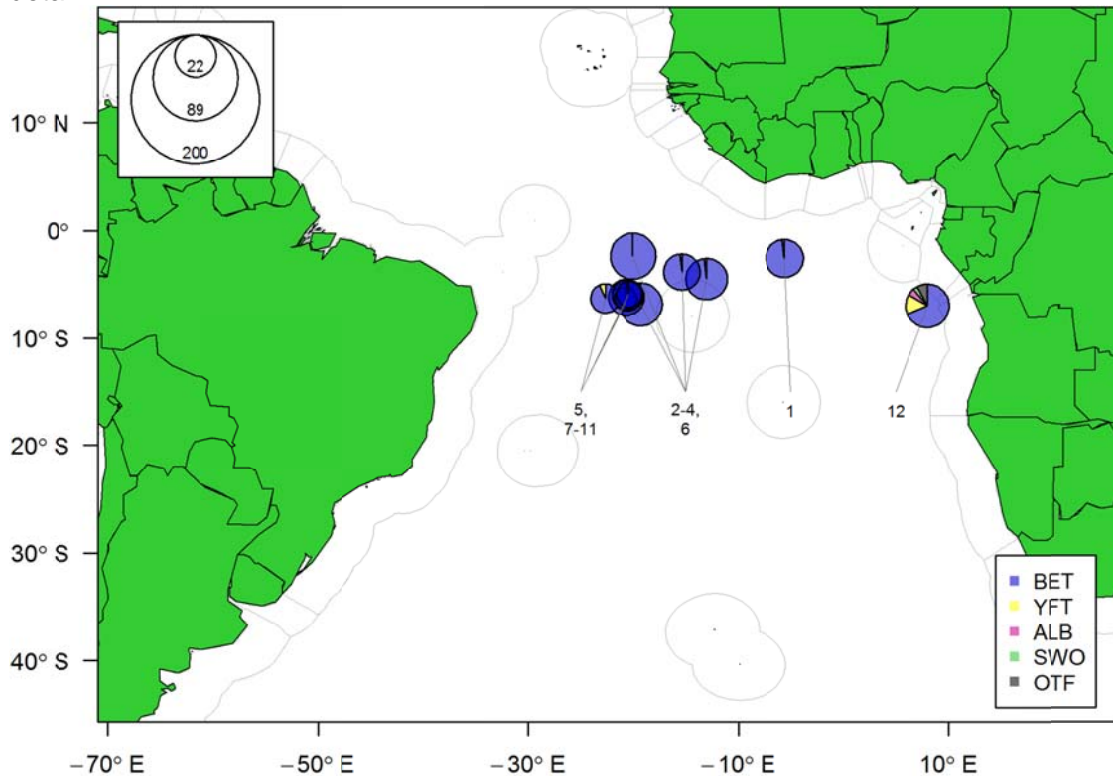


Figure 1 and the numbers received by nationality of vessel are given in Table 1. Cv CV provided 7 LSPLVc with provisions without transshipping fish. The details are listed in [Appendix 1](#).

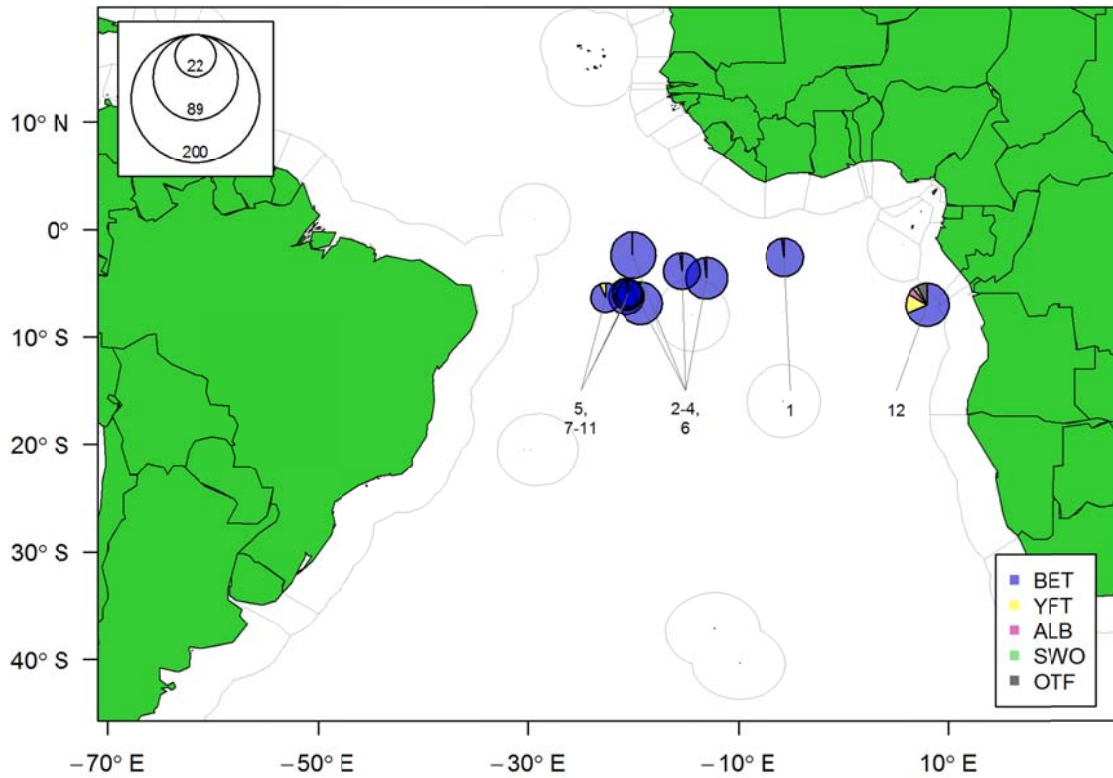


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	1
XXX	10
XXX	1

Comments: In addition to transshipments indicated in above table, the CV conducted sixteen in-port transshipments from XXX registered LSPLVs in Walvis Bay and Cape Verde. The details are provided in [Appendix 2](#)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	28/10/2016	02°35.001 S	005°35.208 W	02:00	100.00%
2				Yes	30/10/2016	04°30.051 S	013°01.775 W	03:34	100.00%
3				Yes	31/10/2016	03°50.869 S	015°21.243 W	02:40	100.00%
4				Yes	02/11/2016	06°51.339 S	019°14.198 W	03:00	100.00%
5				Yes	04/11/2016	06°11.838 S	020°38.559 W	02:40	100.00%
6				Yes	05/11/2016	02°22.151 S	019°59.757 W	01:40	100.00%
7				Yes	26/11/2016	06°18.32 S	022°41.255 W	01:00	100.00%
8				Yes	27/11/2016	06°00.064 S	020°31.197 W	01:07	100.00%
9				Yes	27/11/2016	05°59.314 S	020°33.357 W	01:20	100.00%
10				Yes	28/11/2016	06°17.614 S	020°42.504 W	00:50	100.00%
11				Yes	28/11/2016	05°54.834 S	020°22.137 W	00:55	100.00%
12				Yes	04/12/2016	06°58.772 S	007°58.98 E	02:25	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	47.328	47.436	0.984	1.032	0	0	0	0	48.312	48.468	0.16	0.32%
2	53.872	55.503	0.874	1.098	0	0	0	0	54.746	56.601	1.86	3.28%
3	41.503	42.931	0.64	0.684	0	0	0	0	42.143	43.615	1.47	3.37%
4	57.2	57.032	2.496	4.296	0	0	0	0	59.696	61.328	1.63	2.66%
5	71.108	71.447	0	0	0	0	0	0	71.108	71.447	0.34	0.47%
6	42.514	44.019	0.96	0.998	0	0	0	0	43.474	45.017	1.54	3.43%
7	26.364	26.727	1.271	1.93	0	0	0	0	27.635	28.657	1.02	3.57%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
8	33.264	32.873	0.2	0.923	0	0	0	0	33.464	33.796	0.33	0.98%
9	31.328	31.698	0.36	0.969	0	0	0	0	31.688	32.667	0.98	3.00%
10	16.642	16.909	0.064	0.356	0	0	0	0	16.706	17.265	0.56	3.24%
11	22.288	22.708	0.037	0.409	0	0	0	0	22.325	23.117	0.79	3.43%
12	45.405	43.287	3.417	9.317	1.777	1.971	4.851	5.115	55.45	59.69	4.24	7.10%

6 Species and weight transferred

The CV contained no tuna products when the observer boarded in Singapore at the start of the previous IOTC deployment. The CV contained 27.499t before docking in Cape Town at the start of ICCAT deployment 190-16.

The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Observed		Declared	
		Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	3.29	0.65%	3.38	0.65%
Atlantic blue marlin	<i>Makaira nigricans</i>	1.16	0.23%	1.16	0.22%
Bigeye tuna	<i>Thunnus obesus</i>	488.82	96.46%	492.57	94.42%
Dolphinfish	<i>Coryphaena hippurus</i>	0.05	0.01%	0.12	0.02%
Opah	<i>Lampris guttatus</i>	0.47	0.09%	0.68	0.13%
Swordfish	<i>Xiphias gladius</i>	1.78	0.35%	1.97	0.38%
Wahoo	<i>Acanthocybium solandri</i>	0.12	0.02%	0.12	0.02%
Yellowfin tuna	<i>Thunnus albacares</i>	11.30	2.23%	22.01	4.22%

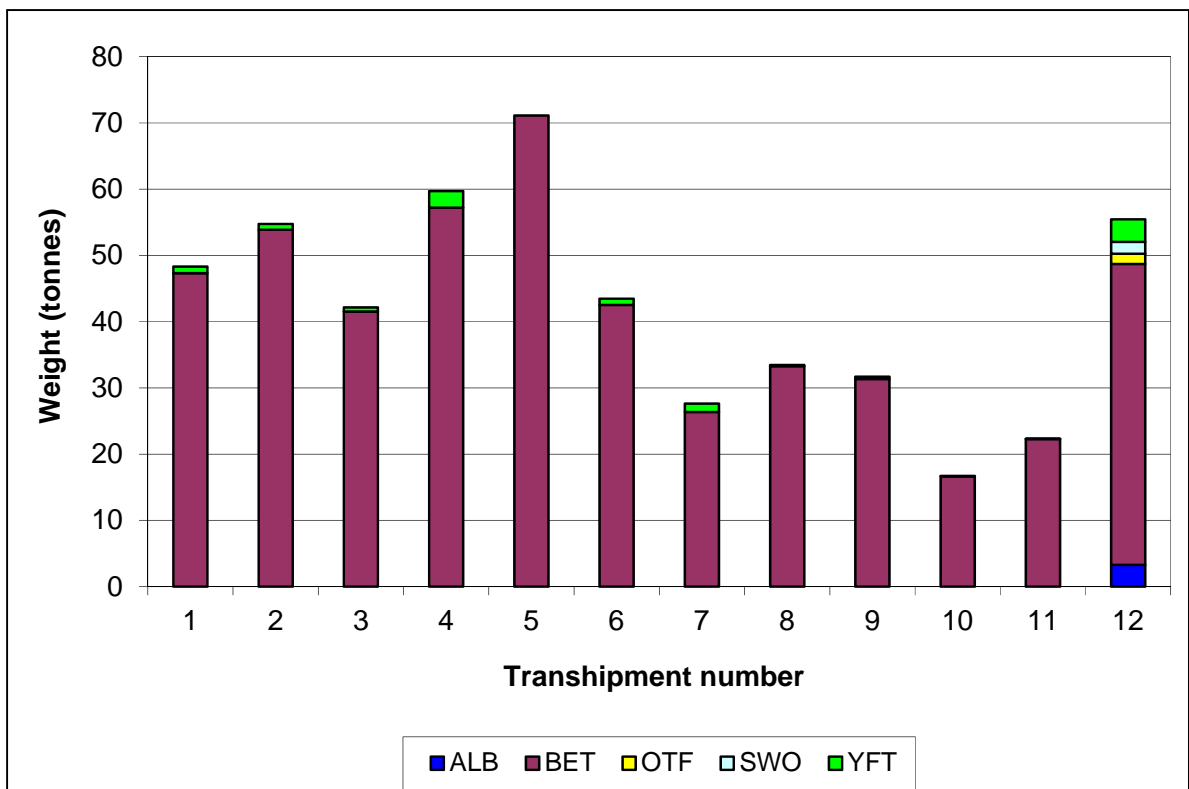


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	18.00
Atlantic blue marlin	<i>Makaira nigricans</i>	105.00
Bigeye tuna	<i>Thunnus obesus</i>	52.95
Dolphinfish	<i>Coryphaena hippurus</i>	8.00
Opah	<i>Lampris guttatus</i>	9.00
Swordfish	<i>Xiphias gladius</i>	43.34
Wahoo	<i>Acanthocybium solandri</i>	15.00
Yellowfin tuna	<i>Thunnus albacares</i>	45.21

Comments: Eleven of the twelve LSPLVs transferred only two species; *Thunnus obesus* and *Thunnus albacares* and all products was gilled and gutted. All 12 LSPLVs supplied numbers and weights of fish to be transferred and the observer did not have to rely on his own estimates of the average weight of the species transhipped. The vessels transhipped small to medium sized strings consisting of only two species and accurate counts was made possible by this.

7 Southern bluefin tuna transhipments

No southern bluefin (*Thunnus maccoyii*) tuna high seas transhipments were made during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on-board LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				ATT	VMS		Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
1			Yes	28/10/16	Yes	Yes	Yes	Yes	Yes	26/10/19	Yes	Yes	Yes	Yes	Yes	PB	28/10/16
2			Yes	30/10/16	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	27/10/16
3			Yes	31/10/16	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	30/10/16
4			Yes	02/11/16	Yes	Yes	Yes	Yes	Yes	05/08/19	Yes	Yes	Yes	Yes	Yes	PB	01/11/16
5			Yes	04/11/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	PB	03/11/16
6			Yes	05/11/16	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	05/11/16
7			Yes	26/11/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	25/11/16
8			Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	09/06/19	Yes	Yes	Yes	Yes	Yes	PB	26/11/16
9			Yes	27/11/16	Yes	Yes	Yes	Yes	Yes	06/05/20	Yes	Yes	Yes	Yes	Yes	PB	25/11/16
10			Yes	28/11/16	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	27/11/16
11			Yes	28/11/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	27/11/16
12			Yes	04/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	03/12/16

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments: The observer made one (1) Potential Non Compliance (PNC) report. The bow marking of the LSPLV, XXX was almost totally obscured by algal growth.

Table 7 Comments from inspections

No	Comments
2	The LSPLV was fitted with both an ARGOS Seimac FVT and Thrane & Thrane Capsat TT-3022D VMS systems. The power light of both units was on.
3	The LSPLV was fitted with two Thrane & Thrane, CAPSAT TT-3022D VMS units. The power light of both units was on during the on-board inspection.
4	<p>The bow markings of the LSPLV was almost totally obscured by algal growth and was not practically legible.</p> <p>Figure 3 Bow markings of the XXX.</p> <p>The LSPLV was fitted with two Thrane & Thrane, CAPSAT TT-3022D VMS units. The power light of both units was on during the on-board inspection.</p>
10	The LSPLV was fitted with two Thrane & Thrane, CAPSAT TT-3022D VMS units. The power light of both units was on.

Table 10 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
1	02/11/2016			IIM

9 Other Observer Tasks.

9.1 CV waste disposal

The CV made use of colour coded waste bins located on the starboard deck to store plastic, glass, metal and other non-biodegradable waste. Food waste was discarded overboard. Cardboard, paper waste and other items was incinerated on the aft deck in an incinerator. Smaller colour coded bins were also available inside the vessel.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted.

9.3 Marine mammals.

Apart from Cape fur seals observed in Walvis Bay harbour no other marine mammals were sighted.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		24/10/2016	09°11'106-S	07°32'439-E	Dry goods, frozen goods, one passenger and bait.	Yes
		02/11/2016	05°46'185-S	17°47'466-W	Bait, frozen and dry goods	Yes
		03/11/2016	06°09'986-S	20°31'554-W	Bait, frozen and dry goods	Yes
		03/11/2016	06°09'986-S	20°31'554-W	Bait, frozen and dry goods	Yes
		04/11/2016	06°13'206-S	20°37'543-W	Bait, frozen and dry goods	Yes
		08/11/2016	11°00'624-N	24°30'294-W	Bait, frozen and dry goods	Yes
		05/12/2016	07°09'927-S	07°34'822-E	Bunkering	Yes

Appendix 2 In-port transhipments

No	Name	RFMO No	Latitude	Longitude	Bigeye	Yellowfin	Bluefin	Swordfish	Other	Total
1			22°51'677-S	14°31'044-E	52.157	9.564	0.451	3.336	53.855	119.363
2			22°51'579-S	14°31'032-E	55.819	10.290	0.711	2.554	35.576	104.950
3			22°51'633-S	14°31'104-E	20.856	5.026	0	0.761	41.788	68.431
4			22°51'515-S	14°31'090-E	18.856	0.775	0	0.675	2.456	22.762
5			16°52'973-N	25°00'461-W	6.362	12.649	42.025	0.170	2.552	63.758
6			16°52'950-N	25°00'445-W	8.861	13.756	41.988	0.179	1.444	66.228
7			16°53'067-N	25°00'433-W	3.724	18.089	42.065	0.447	3.826	68.151
8			16°53'058-N	25°00'424-W	5.708	9.670	42.045	0.126	1.097	58.646
9			16°53'048-N	25°00'323-W	10.700	13.700	42.009	0.200	1.600	68.209

No	Name	RFMO No	Latitude	Longitude	Bigeye	Yellowfin	Bluefin	Swordfish	Other	Total
10			16°53'058-N	25°00'427-W	18.188	19.535	42.057	0.783	2.886	83.449
11			16°53'044-N	25°00'300-W	0	0	41.649	0	0	41.649
12			16°53'053-N	25°00'402-W	0	0	42.037	0	0	42.037
13			16°53'076-N	25°00'360-W	0	0	41.663	0	0	41.663
14			16°53'062-N	25°00'426-W	44.747	8.135	41.320	3.605	8.176	105.983
15			16°53'039-N	25°00'408-W	3.950	0	41.969	0.075	0.230	46.224
16			22°53'113-S	14°27'908-E	46.167	2.108	0	0.751	0.978	50.004
					296.095	123.297	461.989	13.662	156.464	1051.507

ICCAT Observer Report



Trip Number:	191/16
Vessel Name:	GENTA MARU
ICCAT Ref. No.	AT000LBR00006
Observer Name:	BRUCE BIFFARD
Cruise Dates:	31/10/2016 TO 19/12/2016

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and MRAG, Bruce Biffard (ROP. no. 133) joined the Liberian registered Carrier Vessel (CV) Genta Maru (ICCAT no. AT000LBR00006) as the ICCAT observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 31/10/2016 to 19/12/2016.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Genta Maru, on 31/10/2016. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 31/10/2016 and the vessel sailed from Cape Town on 02/11/2016.

In total the vessel received 1596.902 tonnes of tuna and tuna like products from 28 LSPLVs. The transshipments occurred between 06/11/2016 and 14/12/2016 in the Atlantic Ocean. The minimum transferred was 22.761 tonnes; the maximum was 107.781 tonnes with an average transfer of 57.032 tonnes. Transshipment times ranged from 0.82hrs. to 5.58hrs with an average time of 2.76 hours. The quantities transhipped

per hour ranged from 12.96 to 27.76 tonnes/hour with an average transfer of 21.56 tonnes/hour.

The observer disembarked from the Genta Maru in Cape Town dockside on 19/12/2016.

2 Carrier Vessel details

Vessel name:	GENTA MARU	Call sign:	D5JO9
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4780.72 mt.
Size (GRT):	3989 GRT	Length (LOA):	99.06m
On-board acoustic equipment:	1 PAPER SOUNDER		
Position fixing equipment:	2 JRC GPS UNITS		
Vessel monitoring system (present/absent):	PRESENT. TYP: CLS Leo		
Radar:	2 KEIKO UNITS		
Communications equipment:	HF,MF,VHF,INMARSAT,NAVTEX		
Plotters:	1 KEIKO		
Tuna products already on board (Quantity)	YES (117.762 t)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	CAPE TOWN SA
Date of embarkation	31/10/2016
Method of embarkation*	DOCKSIDE
Date of departure	19/12/2016
Date of first transshipment	06/11/2016
Date of last transshipment	14/12/2016
Date of return	19/12/2016
Date of disembarkation	19/12/2016
Method of disembarkation*	DOCKSIDE
Port of return	CAPE TOWN SA

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 28 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

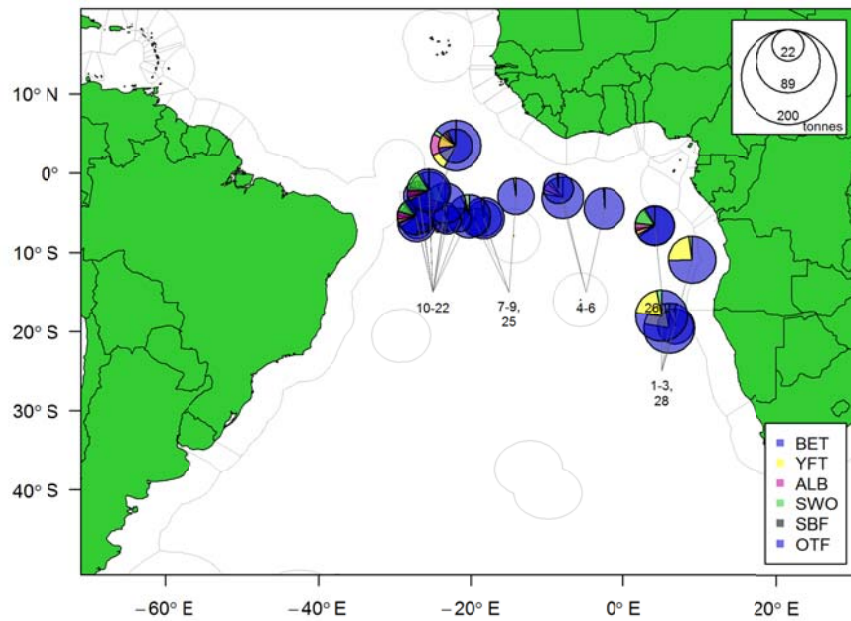


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	13
XXX	5
XXX	3
XXX	3
XXX	1

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Lat	Lon	Transhipment time	% Observed
1				06/11/2016	19°19.101 S	006°47.216 E	05:08	100
2				07/11/2016	19°32.354 S	005°58.879 E	02:07	100
3				09/11/2016	17°58.471 S	004°59.326 E	02:48	100
4				12/11/2016	04°29.594 S	002°32.32 W	02:12	100
5				17/11/2016	03°07.851 S	008°00.665 W	03:07	100
6				18/11/2016	01°59.461 S	008°33.876 W	02:37	100
7				20/11/2016	05°43.87 S	018°14.803 W	01:38	100
8				20/11/2016	05°41.661 S	018°17.182 W	03:40	100
9				21/11/2016	06°13.735 S	019°19.935 W	02:50	100
10				22/11/2016	05°27.718 S	020°13.348 W	03:28	100
11				23/11/2016	05°56.053 S	021°30.018 W	00:49	100
12				25/11/2016	05°35.734 S	023°26.403 W	03:06	100
13				29/11/2016	05°55.881 S	023°05.754 W	02:38	100

14				30/11/2016	06°17.716 S	026°59.579 W	01:20	100
15				30/11/2016	06°15.258 S	027°03.614 W	01:11	100
16				01/12/2016	05°30.853 S	027°11.311 W	00:53	100
17				01/12/2016	05°28.765 S	027°14.387 W	01:15	100
18				02/12/2016	02°57.176 S	026°46.571 W	02:49	100
19				02/12/2016	02°54.186 S	026°53.27 W	02:29	100
20				03/12/2016	02°18.633 S	025°26.207 W	02:57	100

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	59.928	60.223	11.412	11.323	3.355	3.061	15.105	15.186	89.8	89.793	-0.01	-0.01
2	35.258	34.993	6.384	6.041	1.096	1.1	3.943	3.9	46.681	46.034	-0.65	-1.41
3	55.062	55.072	2.3	2.072	1.624	1.691	7.097	7.357	66.083	66.192	0.11	0.16
4	36.938	36.22	0.832	0.626	0	0	0	0	37.77	36.846	-0.92	-2.51
5	68.034	67.938	1.008	0.913	0	0	0	0	69.042	68.851	-0.19	-0.28
6	50.35	50.15	1.08	1.18	0	0	0	0	51.43	51.33	-0.10	-0.19
7	30.672	30.151	1.92	1.786	0	0	0	0	32.592	31.937	-0.65	-2.05
8	66.886	67.01	1.68	1.495	0	0	0	0	68.566	68.505	-0.06	-0.09
9	52.47	52.692	1.184	1.029	0	0	0	0	53.654	53.721	0.07	0.12
10	71.815	71.077	1.995	1.815	2.891	3	0	0	76.701	75.892	-0.81	-1.07
11	22.002	21.994	0.96	0.767	0	0	0	0	22.962	22.761	-0.20	-0.88
12	39.114	37.203	0.93	0.472	2.496	2.5	0	0	42.54	40.175	-2.36	-5.89
13	53.392	53.285	1.98	1.515	0	0	2.088	2	57.46	56.8	-0.66	-1.16
14	35.088	34.774	1.575	1.341	0	0	0	0	36.663	36.115	-0.55	-1.52
15	31.114	31	1.144	1.1	0	0	0	0	32.258	32.1	-0.16	-0.49
16	22.11	21.86	1.288	1.007	0	0	0	0	23.398	22.867	-0.53	-2.32
17	33.44	33.163	1.404	1.294	0	0	0	0	34.844	34.457	-0.39	-1.12
18	34.295	34.398	2.244	2.062	6.188	6.013	6.512	6.47	49.239	48.943	-0.30	-0.60
19	37.576	37.409	1.785	1.636	5.95	5.759	5.275	5.24	50.586	50.044	-0.54	-1.08
20	47.865	46.463	1.855	1.699	9.682	9.441	3.914	4.833	63.316	62.436	-0.88	-1.41

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
21	44.748	44.584	1.156	1.052	9.646	9.597	3.985	4.034	59.535	59.267	-0.27	-0.45
22	51.336	51.668	1.734	1.509	12.6	12.196	7.211	6.967	72.881	72.34	-0.54	-0.75
23	40.915	40.562	1.404	1.286	10.848	10.709	6.274	6.042	59.441	58.599	-0.84	-1.44
24	42.183	41.883	2.537	2.215	9.12	9.122	5.616	5.428	59.456	58.648	-0.81	-1.38
25	48.945	48	3.672	3.5	0	0	0	0	52.617	51.5	-1.12	-2.17
26	81.549	80.218	20.298	20	3.136	3.12	0	0	104.983	103.338	-1.65	-1.59
27	84.952	82.717	21.948	21.812	3.19	3.252	0	0	110.09	107.781	-2.31	-2.14
28	67.364	66.806	21.21	20.72	2.12	2.104	0	0	90.694	89.63	-1.06	-1.19

6 Species and weight transferred

The vessel contained 117.762 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4; a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Obs. weight	Obs. %	Decl. weight	Decl. %
	Other fish Unclassified	All	3.35	0.21	0.38	0.02
Albacore	<i>Thunnus alalunga</i>	All	47.14	2.92	46.69	2.92
Atlantic blue marlin	<i>Makaira nigricans</i>	All	12.74	0.79	13.75	0.86
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.48	0.03	0.48	0.03
Atl. Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00	0.54	0.03
Bigeye tuna	<i>Thunnus obesus</i>	All	1345.40	83.29	1333.51	83.51
Opah	<i>Lampris guttatus</i>	All	5.65	0.35	6.83	0.43
Oilfish	<i>Ruvettus pretiosus</i>	All	0.42	0.03	2.14	0.13
Striped marlin	<i>Tetrapturus audax</i>	All	5.65	0.35	6.83	0.43
Swordfish	<i>Xiphias gladius</i>	All	32.05	1.98	19.83	1.24
Swordfish	<i>Xiphias gladius</i>	S	51.90	3.21	62.84	3.93
Wahoo	<i>Acanthocybium solandri</i>	All	0.06	0.00	0.05	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	118.92	7.36	113.27	7.09

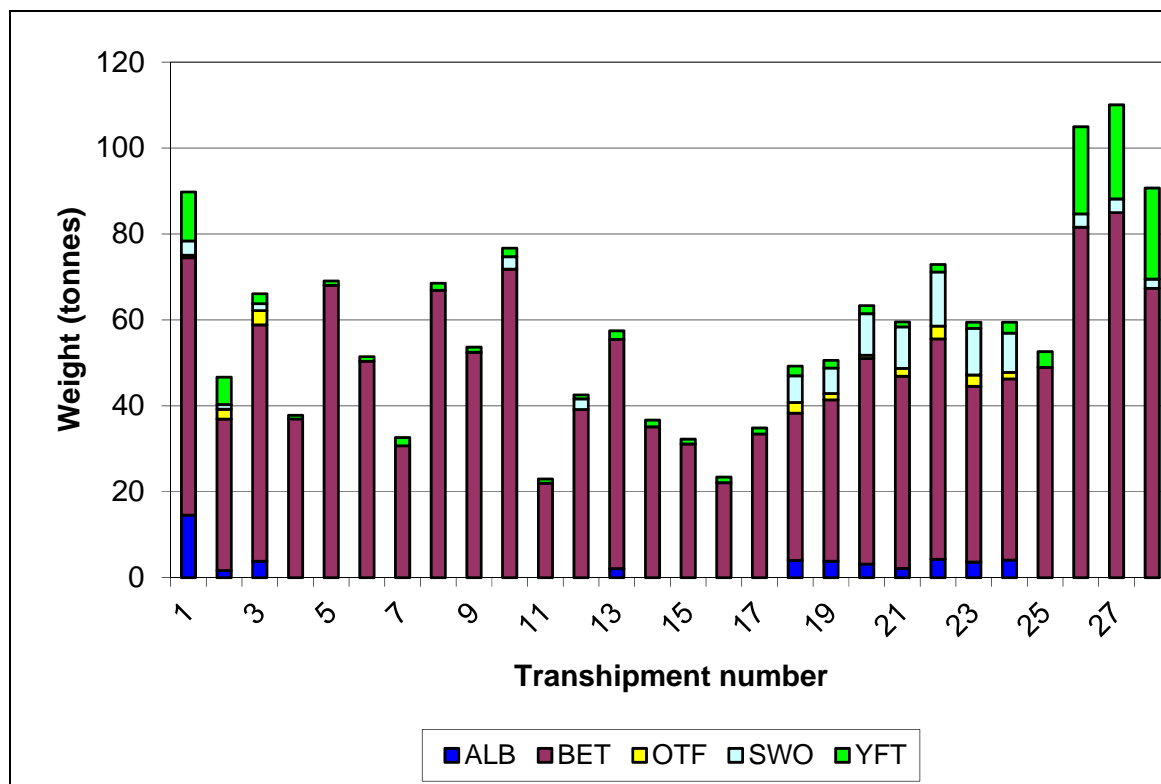


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		14.09
Albacore	<i>Thunnus alalunga</i>	17.86
Atlantic blue marlin	<i>Makaira nigricans</i>	92.35
Atlantic sailfish	<i>Istiophorus albicans</i>	15.00
Bigeye tuna	<i>Thunnus obesus</i>	46.86
Oilfish	<i>Ruvettus pretiosus</i>	20.00
Opah	<i>Lampris guttatus</i>	16.14
Swordfish	<i>Xiphias gladius</i>	51.88
Wahoo	<i>Acanthocybium solandri</i>	14.00
Yellowfin tuna	<i>Thunnus albacares</i>	37.37

Comments:

The main species transferred were bigeye (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). The other species transferred were as follows; oilfish (*Ruvettus pretiosus*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), Atlantic blue marlin (*Makaira nigricans*), Atlantic sailfish (*Istiophorus albicans*), Atlantic Spanish mackerel (*Scomberomorus maculatus*), opah (*Lampris guttatus*), and wahoo (*Acanthocybium solandri*).

The product type of bigeye and yellowfin was gilled and gutted. The albacore was round weight. The swordfish were either filleted or dressed. The other species were all dressed.

The observed weight of each species transhipped was calculated by dividing the LSPLVs declared weight for each species by the declared number for that species to give an average weight per fish. This was then multiplied by the number of fish of that species observed during the transhipment.

7 Southern Bluefin tuna transhipments

No southern Bluefin tuna (*Thunnus maccoyi*) were transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made on board LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	06/11/2016	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	05/11/2016
2			Y	07/11/2016	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	06/11/2016
3			Y	09/11/2016	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	08/11/2016
4			Y	12/11/2016	Y	Y	Y	Y	Y	01/03/2017	Y	Y	Y	Y	Y	PB	11/11/2016
5			Y	17/11/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	16/11/2016
6			Y	18/11/2016	Y	Y	Y	Y	Y	09/01/2018	Y	Y	Y	Y	Y	PB	17/11/2016
7			Y	20/11/2016	Y	Y	Y	Y	Y	01/02/2017	Y	Y	Y	Y	Y	PB	20/11/2016
8			Y	20/11/2016	Y	Y	Y	Y	Y	15/07/2018	Y	Y	Y	Y	Y	PB	19/11/2016
9			Y	21/11/2016	Y	Y	Y	Y	Y	24/01/2017	Y	Y	Y	Y	Y	PB	21/11/2016
10			Y	22/11/2016	Y	Y	Y	Y	Y	18/03/2019	Y	Y	Y	Y	Y	PB	22/11/2016
11			Y	23/11/2016	Y	Y	Y	Y	Y	13/03/2020	Y	Y	Y	Y	Y	PB	22/11/2016
12			Y	25/11/2016	Y	Y	Y	Y	Y	19/01/2020	Y	Y	Y	Y	Y	PB	25/11/2016
13			Y	29/11/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	29/11/2016
14			Y	30/11/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	29/11/2016

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound
Comments.

Table 6 Summary of inspections made on board LSPLVs Continued.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
15			Y	30/11/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	29/11/2016
16			Y	01/12/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	30/11/2016
17			Y	01/12/2016	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	30/11/2016
18			Y	02/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/12/2016
19			Y	02/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	01/12/2016
20			Y	03/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/12/2016
21			Y	03/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/12/2016
22			Y	04/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	03/12/2016
23			Y	06/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	05/12/2016
24			Y	06/12/2016	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/12/2016
25			Y	08/12/2016	Y	Y	Y	Y	Y	31/12/2016	Y	Y	Y	Y	Y	PU	07/12/2016
26			Y	12/12/2016	Y	Y	Y	Y	Y	30/07/2020	Y	Y	Y	Y	Y	PB	12/12/2016
27			Y	12/12/2016	Y	Y	Y	Y	Y	10/04/2017	Y	Y	Y	Y	Y	PB	12/12/2016
28			Y	14/12/2016	Y	Y	Y	Y	Y	08/06/2018	Y	Y	Y	Y	Y	PB	13/12/2016

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

There was one recorded potential non compliance event, see table 7 for more information.

Table 7 Comments from inspections

No	Comments
25	<p>The logbook was unbound and the pages were not numbered. Fishing activity positions were not recorded. A PNC was completed, but not sent as the vessel was flagged to XXX and not participating in the transshipment programme at the time.</p> <p>Figure 3 LSPLV XXX UNBOUND LOGBOOK</p>

The observer made 1 Potential Non Compliance (PNC) report summarised below in Table 68. This PNC was not sent as the vessel was flagged XXX, which was not participating in the ICCAT ROP programme at the time.

Table 6 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
25			19125	LNB	LNN	

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had an incinerator set up on the stern for flammable waste (Figure 4). There were containers for organic and inorganic waste and also for glass and cans (Figure 5), which were retained for disposal when in port.



Figure 4 Incinerator



Figure 5 Waste Containers

9.2 Unidentified or IUU vessels

There were no unidentified or IUU vessels observed.

9.3 Marine mammals.

No marine mammals were observed.

10 Health and Safety on board the CV

No Health and Safety concerns were noted on board this vessel.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	<input type="checkbox"/>
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Table 9 Non ROP Transhipments

Vessel	RFMO No.	Date	Lat	Lon	Comments	Photo
		08/11/2016	15° 56.202'S	006° 50.060'E	Bait; Supplies	Yes
		08/11/2016	15° 54.030'S	006° 49.850'E	Bait; Supplies	Yes
		09/11/2016	18° 01.926'S	005° 01.734'E	Bunker; Supplies	Yes
		13/11/2016	04° 23.115'S	006° 00.681'W	Supplies	Yes
		13/11/2016	04° 21.995'S	006° 00.999'W	Bait; Supplies	Yes
		13/11/2016	04° 17.765'S	006° 02.799'W	Bait; Supplies	Yes
		14/11/2016	03° 51.911'S	005° 38.441'W	Bait; Supplies	Yes
		14/11/2016	03° 47.434'S	005° 40.443'W	Bait; Supplies	Yes
		15/11/2016	03° 49.931'S	005° 42.183'W	Bait; Supplies	Yes
		15/11/2016	03° 46.299'S	005° 45.077'W	Bait; Supplies	Yes
		16/11/2016	03° 17.423'S	005° 41.462'W	Bait; Supplies	Yes
		16/11/2016	03° 09.751'S	005° 45.964'W	Bait; Supplies	Yes
		19/11/2016	05° 07.706'S	011° 57.867'W	Bait; Supplies	Yes
		23/11/2016	05° 40.736'S	023° 15.222'W	Supplies	Yes
		04/12/2016	03°49.415'S	023° 17.347'W	Bait; Supplies	Yes

ICCAT

Observer Report



Trip Number:	192
Vessel Name:	Chitose
ICCAT Ref. No.	AT000SGP00001
Observer Name:	Julio Ocon Rodriguez
Cruise Dates:	From: 06/12/2016 To: 21/02/2017

1 Cruise Summary

In accordance with the bilateral agreement between Wang Tat Corporation Limited and MRAG, Julio Ocon (ROP no.102) joined the Singapore registered Carrier Vessel (CV) Chitose (AT000SGP00001) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 06/12/2016 to 21/02/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Chitose	Call sign:	9V6110
Port of registration:	Singapore	Flag State:	Singapore
Owner:	Wang Tat Corporation PTE Limited	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2930
Size (GRT):	6534	Length (LOA):	134.15
On-board acoustic equipment:		GPS Nav GP-150, Furuno AIS FA-150	
Position fixing equipment:		Present	
Vessel monitoring system (present/absent):		Furuno RCU-014 S and X band	
Radar:		HF, MF, VHF, INMARSAT, NAVTEX	
Communications equipment:		GPS NAV GP-150	
Plotters:		Yes	
Tuna products already on board (Quantity)		GPS Nav GP-150, Furuno AIS FA-150	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	CapeTown
Date of embarkation	06/12/2016
Method of embarkation*	06/12/2016
Date of departure	Portside
Date of first transshipment	12/12/2016
Date of last transshipment	05/02/2017
Date of return	Port Louis
Date of disembarkation	21/02/2017
Method of disembarkation*	21/02/2017
Port of return	Transfer vessel in port

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 66 transhipments at sea, the locations are shown in detail in

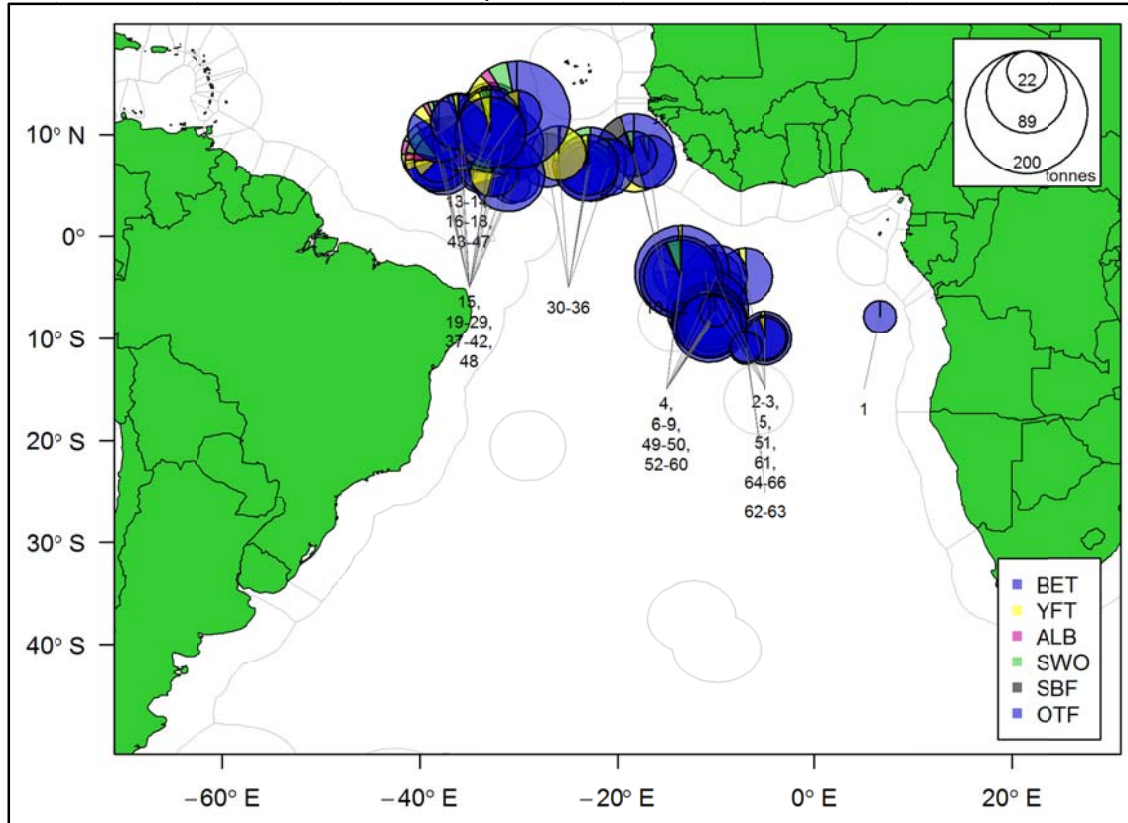


Figure 1, the numbers received by nationality of vessel are given in Table 1.

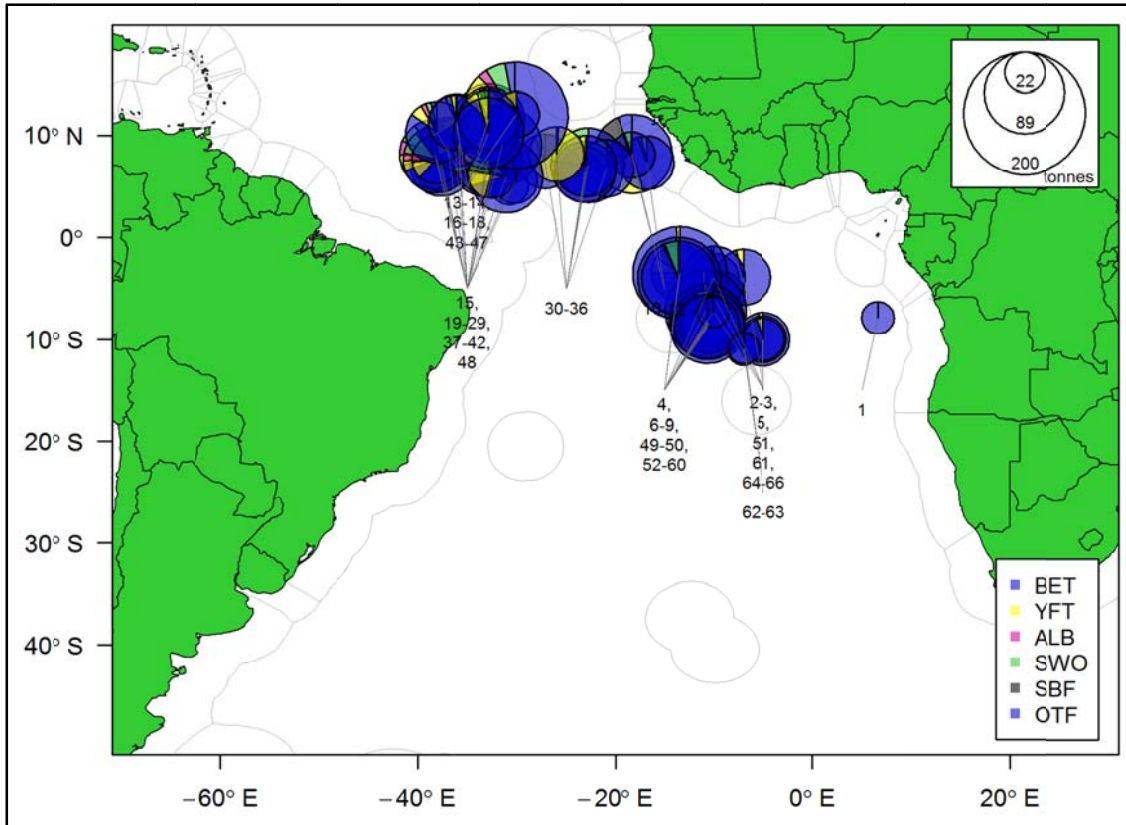


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	20
XXX	27
XXX	2
XXX	12
XXX	3
XXX	2

Comments:

In addition, 5 non ROP transshipments (see appendix one for further details) and 2 in port transshipments (see appendix 2 for further details) were performed during the deployment period.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	12/12/2016	07°53 S	006°36 E	03:45	100%
2				Yes	15/12/2016	03°55 S	007°03 W	01:55	100%
3				Yes	16/12/2016	03°59 S	009°59 W	01:50	100%
4				Yes	16/12/2016	03°56 S	010°04 W	02:20	100%
5				Yes	17/12/2016	06°19 S	009°45 W	03:20	100%
6				Yes	18/12/2016	03°31 S	013°26 W	02:15	100%
7				Yes	18/12/2016	03°28 S	013°29 W	01:55	100%
8				Yes	19/12/2016	04°02 S	013°30 W	02:25	100%
9				Yes	19/12/2016	03°59 S	013°33 W	02:55	100%
10				Yes	21/12/2016	07°20 N	016°45 W	02:10	100%
11				Yes	22/12/2016	08°11 N	018°13 W	03:00	100%
12				Yes	22/12/2016	08°05 N	018°16 W	02:30	100%
13				Yes	29/12/2016	12°01 N	030°01 W	04:00	100%
14				Yes	29/12/2016	11°55 N	030°12 W	04:00	100%
15				Yes	31/12/2016	08°28 N	036°13 W	03:00	100%
16				Yes	01/01/2017	11°17 N	036°05 W	02:45	100%
17				Yes	01/01/2017	11°14 N	036°09 W	04:00	100%
18				Yes	02/01/2017	10°19 N	038°07 W	03:30	100%
19				Yes	03/01/2017	08°09 N	038°18 W	02:10	100%
20				Yes	04/01/2017	07°40 N	038°06 W	01:00	100%
21				Yes	04/01/2017	07°38 N	038°09 W	03:15	100%
22				Yes	05/01/2017	07°11 N	037°37 W	01:05	100%
23				Yes	05/01/2017	07°07 N	037°44 W	01:25	100%
24				Yes	06/01/2017	08°59 N	037°02 W	02:35	100%
25				Yes	07/01/2017	09°08 N	035°52 W	01:50	100%
26				Yes	07/01/2017	09°06 N	035°56 W	00:50	100%
27				Yes	08/01/2017	07°35 N	033°00 W	01:35	100%
28				Yes	08/01/2017	07°31 N	033°01 W	03:45	100%
29				Yes	09/01/2017	09°00 N	031°30 W	02:10	100%
30				Yes	12/01/2017	06°47 N	020°57 W	03:30	100%
31				Yes	13/01/2017	06°27 N	023°03 W	01:50	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
32				Yes	13/01/2017	06°26 N	023°07 W	02:30	100%
33				Yes	14/01/2017	07°04 N	022°47 W	07:30	100%
34				Yes	15/01/2017	07°00 N	023°02 W	02:25	100%
35				Yes	16/01/2017	08°10 N	025°58 W	02:20	100%
36				Yes	17/01/2017	07°28 N	027°09 W	02:00	100%
37				Yes	18/01/2017	05°31 N	030°10 W	02:20	100%
38				Yes	18/01/2017	05°59 N	031°04 W	02:30	100%
39				Yes	19/01/2017	06°19 N	032°29 W	04:20	100%
40				Yes	19/01/2017	06°12 N	032°31 W	03:00	100%
41				Yes	20/01/2017	07°34 N	032°50 W	02:00	100%
42				Yes	20/01/2017	07°32 N	032°52 W	01:40	100%
43				Yes	21/01/2017	10°12 N	032°52 W	02:05	100%
44				Yes	21/01/2017	10°10 N	032°55 W	02:40	100%
45				Yes	22/01/2017	11°35 N	032°46 W	01:30	100%
46				Yes	22/01/2017	11°34 N	032°48 W	01:40	100%
47				Yes	22/01/2017	11°30 N	032°52 W	01:20	100%
48				Yes	24/01/2017	05°01 N	030°42 W	03:00	100%
49				Yes	29/01/2017	07°15 S	010°49 W	02:15	100%
50				Yes	29/01/2017	07°12 S	010°51 W	06:00	100%
51				Yes	30/01/2017	07°22 S	009°60 W	04:30	100%
52				Yes	30/01/2017	07°20 S	010°07 W	04:35	100%
53				Yes	31/01/2017	08°27 S	010°34 W	01:50	100%
54				Yes	31/01/2017	08°26 S	010°37 W	01:15	100%
55				Yes	31/01/2017	08°26 S	010°38 W	03:40	100%
56				Yes	01/02/2017	08°15 S	010°39 W	04:25	100%
57				Yes	01/02/2017	08°11 S	010°45 W	02:00	100%
58				Yes	01/02/2017	08°10 S	010°48 W	03:30	100%
59				Yes	02/02/2017	08°46 S	010°41 W	02:10	100%
60				Yes	02/02/2017	08°45 S	010°43 W	04:00	100%
61				Yes	03/02/2017	05°35 S	009°18 W	01:55	100%
62				Yes	04/02/2017	10°52 S	007°00 W	02:00	100%
63				Yes	04/02/2017	11°01 S	007°04 W	00:50	100%
64				Yes	05/02/2017	10°00 S	005°00 W	00:50	100%
65				Yes	05/02/2017	09°59 S	005°01 W	00:50	100%
66				Yes	05/02/2017	09°59 S	005°01 W	01:20	100%

Comments:

All transhipments were observed 100% and all vessels were inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	40.278	43.216	19.646	20.515	0.956	1.436	24.683	25.201	85.563	90.368	4.80	5.32
2	42.56	41.5	0.95	0.75	1.615	1.615	0	0	45.125	43.865	-1.26	-2.87
3	30.06	30.372	0.527	0.527	1.615	1.615	0	0	32.202	32.514	0.31	0.96
4	41.334	42.38	0.146	0.22	2.77	2.846	0	0	44.25	45.446	1.20	2.63
5	64.53	65.183	0.5	0.411	19.75	19.36	0	0	84.78	84.954	0.17	0.20
6	42.4	42.615	0.8	0.847	6.2	6.505	0	0	49.4	49.967	0.57	1.13
7	35.44	35	0	0	2.64	3	0	0	38.08	38	-0.08	-0.21
8	55.56	55.976	0.759	0.794	0	0	0	0	56.319	56.77	0.45	0.79
9	55.31	56	2.04	1.89	0	0	0	0	57.35	57.89	0.54	0.93
10	0.4	0.478	44.19	45.349	0	0	0	0	44.59	45.827	1.24	2.70
11	29.71	28.917	10.69	10.465	0.764	0.828	2.1602	5.593	43.3242	45.803	2.48	5.41
12	16.9	17.679	21	21.591	0.592	0.677	10.368	11.512	48.86	51.459	2.60	5.05
13	63.973	64.28	5.865	5.95	9.15	9.015	0	0	78.988	79.245	0.26	0.32
14	74.626	74.069	4.745	4.526	18.64	18	0	0	98.011	96.595	-1.42	-1.47
15	47.36	48.033	8.253	9.171	2.88	3.199	1.727	1.763	60.22	62.166	1.95	3.13
16	37.52	38.795	2.53	2.711	0	0	1.121	1.282	41.171	42.788	1.62	3.78
17	52.73	51.854	3.96	3.829	6.682	6.682	6.949	7.316	70.321	69.681	-0.64	-0.92
18	45.44	47.416	6.15	3.488	7.67	7.836	6.199	7.303	65.459	66.043	0.58	0.88
19	22.932	22.286	4.1	4.085	3.61	3.814	3.848	3.758	34.49	33.943	-0.55	-1.61
20	14.629	15.119	1.88	1.977	1.755	1.888	1.5385	1.707	19.8025	20.691	0.89	4.29
21	48.92	48.645	2.26	2.23	8.49	8.965	7.534	7.633	67.204	67.473	0.27	0.40
22	20.74	21.114	2.9	3.014	1.98	2.17	1.93	2.118	27.55	28.416	0.87	3.05
23	19.55	20.095	2.33	2.517	2.12	2.298	3.771	4.21	27.771	29.12	1.35	4.63
24	38.78	40.066	4.718	5.025	0	0	0	0	43.498	45.091	1.59	3.53
25	29.86	30.654	4.576	4.731	0	0	0.693	0.937	35.129	36.322	1.19	3.28
26	11.7	11.499	0.94	0.791	2.66	2.812	2.915	3.407	18.215	18.509	0.29	1.59
27	26.928	27.84	3.024	3.175	3.445	3.528	2.2975	2.288	35.6945	36.831	1.14	3.09
28	58.12	58.186	4.886	4.713	6.95	7.273	10.295	9.581	80.251	79.753	-0.50	-0.62
29	18.23	19.232	7.65	8.241	4.356	5.178	2.3525	2.735	32.5885	35.386	2.80	7.91
30	54.8	55.354	9.765	9.765	5.55	5.886	2.588	2.868	72.703	73.873	1.17	1.58
31	31.23	31.881	13.17	13.455	0.2325	2.754	0.403	0.538	45.0355	48.628	3.59	7.39

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
32	47.04	48.851	3.47	3.875	1.58	1.728	1.421	1.656	53.511	56.11	2.60	4.63
33	138.4	141.059	11.25	11.694	10.347	10.677	4	4.978	163.997	168.408	4.41	2.62
34	32.4	33.218	25.3	25.675	0.66	0.708	1	1.138	59.36	60.739	1.38	2.27
35	45.37	44.373	1.433	1.433	0	0	0	0	46.803	45.806	-1.00	-2.18
36	35.04	28.275	4.16	3.68	0	0	0	0	39.2	31.955	-7.25	-22.67
37	50.232	48.674	3.36	3.387	0	0	0	0	53.592	52.061	-1.53	-2.94
38	48.4	46.544	3.908	3.906	3.29	3.485	0	0	55.598	53.935	-1.66	-3.08
39	78.15	74.003	3.404	3.404	0	0	0	0	81.554	77.407	-4.15	-5.36
40	43.74	45.477	1.96	2.052	0	0	0	0	45.7	47.529	1.83	3.85
41	34.578	34.441	2.045	2.045	0	0	0	0	36.623	36.486	-0.14	-0.38
42	34.947	33.459	1.85	1.85	0	0	0	0	36.797	35.309	-1.49	-4.21
43	30.366	31.506	1.08	1.264	0	0	0	0	31.446	32.77	1.32	4.04
44	41.72	42.56	1.409	1.409	0	0	0	0	43.129	43.969	0.84	1.91
45	32.3	31.711	0.698	0.698	0	0	0	0	32.998	32.409	-0.59	-1.82
46	33.6	33.002	1.013	1.013	0	0	0	0	34.613	34.015	-0.60	-1.76
47	26.64	26.227	1.586	1.586	0	0	0	0	28.226	27.813	-0.41	-1.48
48	34.93	35.77	4.518	4.518	6.84	7.372	0	0	46.288	47.66	1.37	2.88
49	59.584	58.587	0.68	0.68	0	0	0	0	60.264	59.267	-1.00	-1.68
50	132.352	131.254	1.716	1.692	0	0	0	0	134.068	132.946	-1.12	-0.84
51	96.145	96.99	1.74	1.784	0	0	0	0	97.885	98.774	0.89	0.90
52	101.84	102.917	1.053	1.099	0	0	0	0	102.893	104.016	1.12	1.08
53	42.16	42.266	0.307	0.307	0	0	0	0	42.467	42.573	0.11	0.25
54	30.16	29.355	0.276	0.276	0	0	0	0	30.436	29.631	-0.81	-2.72
55	78.588	78.18	1.924	1.924	0	0	0	0	80.512	80.104	-0.41	-0.51
56	84.18	83.871	1.093	1.093	0	0	0	0	85.273	84.964	-0.31	-0.36
57	42.1	40.85	0.4	0.4	0	0	0	0	42.5	41.25	-1.25	-3.03
58	78.55	77.912	0.798	0.798	4	4	0	0	83.348	82.71	-0.64	-0.77
59	40.11	39.928	0.32	0.32	0	0	0	0	40.43	40.248	-0.18	-0.45
60	76.2	76.834	0.657	0.659	5.83	5.161	0	0	82.687	82.654	-0.03	-0.04
61	52.96	52.328	0.832	0.832	0	0	0	0	53.792	53.16	-0.63	-1.19
62	63.68	62.92	0.389	0.389	0	0	0	0	64.069	63.309	-0.76	-1.20
63	15	15	0	0	0	0	0	0	15	15	0.00	0.00
64	16.25	15.974	0	0	0	0	0	0	16.25	15.974	-0.28	-1.73
65	15	15	0	0	0	0	0	0	15	15	0.00	0.00
66	21.8	15	0	0	0	0	0	0	21.8	15	-6.80	45.33

Comments:

For transshipment No. 1, an estimated 19.22T of SBF were transhipped, which are included in the figure for other.

For transshipment No. 36, the observer estimation was more than 10% larger than the vessel record. However, the observer was confident of his estimates, with only a small quantity being transhipped and in clear medium sized strings made up of generally large tuna.

For transshipment No. 66, the observer estimation was more than 10% larger than the vessel record. However, the observer was confident of his estimates, with only a small quantity being transhipped and in clear medium sized strings.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
	Other fish Unclassified	All	0.56	0.02	1.81	0.05
Albacore	<i>Thunnus alalunga</i>	All	41.00	1.16	46.23	1.30
Atlantic blue marlin	<i>Makaira nigricans</i>	All	13.77	0.39	9.86	0.28
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.22	0.01	0.25	0.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.86	0.02	1.29	0.04
Bigeye tuna	<i>Thunnus obesus</i>	All	3007.06	84.90	3000.05	84.40
Black marlin	<i>Makaira indica</i>	All	3.58	0.10	3.73	0.10
Blue shark	<i>Prionace glauca</i>	All	12.10	0.34	13.49	0.38
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.06	0.00	0.00	0.00
Indo-Pacific blue marlin	<i>Makaira mazara</i>	All	0.00	0.00	4.86	0.14
Mako sharks	<i>Isurus</i> spp	All	3.09	0.09	3.79	0.11
Oilfish	<i>Ruvettus pretiosus</i>	All	2.44	0.07	2.24	0.06
Opah	<i>Lampris guttatus</i>	All	4.30	0.12	3.99	0.11
Pomfret	<i>Brama brama</i>	All	0.05	0.00	0.00	0.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	19.22	0.54	19.24	0.54
Striped marlin	<i>Tetrapturus audax</i>	All	0.23	0.01	0.26	0.01
Swordfish	<i>Xiphias gladius</i>	All	155.62	4.39	162.31	4.57
Various sharks nei	Selachimorpha (Pleurotre mata)	All	0.45	0.01	0.49	0.01
Yellowfin tuna	<i>Thunnus albacares</i>	All	279.58	7.89	282.50	7.95

The vessel declared BUM (Atlantic Blue Marlin; *M nigricans*) as BLZ (Indo-Pacific Blue Marlin; *M. mazara*).

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

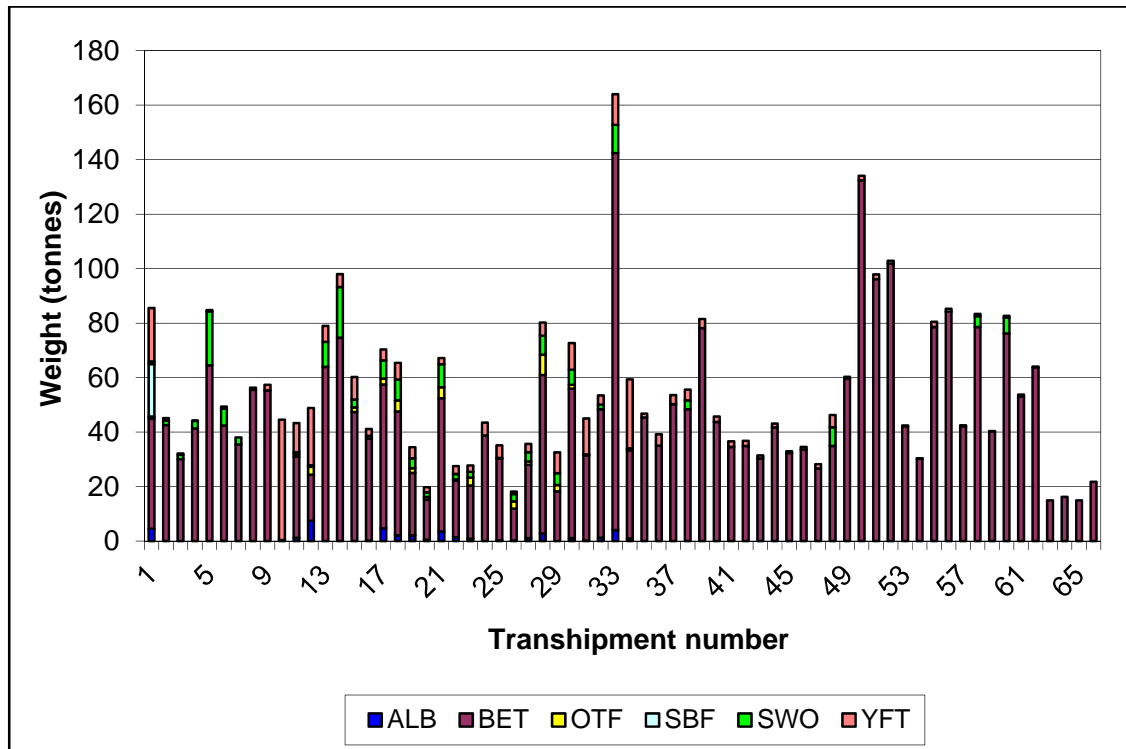


Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
	Other fish Unclassified	9.25
Albacore	<i>Thunnus alalunga</i>	19.40
Atlantic blue marlin	<i>Makaira nigricans</i>	74.44
Atlantic sailfish	<i>Istiophorus albicans</i>	14.44
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	11.90
Bigeye tuna	<i>Thunnus obesus</i>	48.18
Black marlin	<i>Makaira indica</i>	81.25
Blue shark	<i>Prionace glauca</i>	25.69
Dolphinfish	<i>Coryphaena hippurus</i>	9.14
Mako sharks	<i>Isurus spp</i>	28.92
Oilfish	<i>Ruvettus pretiosus</i>	15.46
Opah	<i>Lampris guttatus</i>	14.61
Pomfret	<i>Brama brama</i>	9.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	46.99
Striped marlin	<i>Tetrapturus audax</i>	25.94
Swordfish	<i>Xiphias gladius</i>	60.25
Various sharks nei	Selachimorpha (Pleurotremata)	30.07
Yellowfin tuna	<i>Thunnus albacares</i>	35.73

Comments:

Albacore (*T. alalunga*), dorado (*C. hippurus*) and pomfret (*B. brama*) were transhipped as rounded weight.

Southern Bluefin tuna (*T. maccoyii*), Bigeye tuna (*T. obesus*), yellowfin tuna (*T. albacares*) and striped marlin (*T. audax*) were transhipped as gilled and gutted product. Atlantic blue marlin (*M. nigricans*), Atlantic sailfish (*I. albicans*), Atlantic Spanish mackerel (*S. maculatus*), Black marlin (*M. indica*), blue shark (*P. glauca*), Atlantic sailfish (*I. albicans*), oilfish (*R. pretiosus*) and opah (*L. guttatus*) were transhipped as head off product.

Mako shark (*Isurus* spp.) were transhipped as dressed product.

Swordfish (*X. gladius*) was transhipped as both dressed and fillet products.

Various sharks were transhipped as both both head off and as shark fins.

The carrier vessel did not use a hook scale to weigh the fish, all declarations of numbers and weights came from the LSTLV.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
01				Y	12/12/2016	7. 53 S	6. 36 E	3h 45 min	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBF Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
01	9	412	19.24 T	Null	001 - 412

Comments:

During transhipment one, transhipments of SBF were carried out separately from other species to allow better estimation. The Catch Monitoring Form for the SBF transhipped during transhipment one did not have a document number filled in (Figure 3).

Figure 3: The Catch Monitoring Form following the transhipment of SBF during transhipment 1.

In addition, during transhipment 28 from the LSPLV the Chang Rong 2, it was suspected but unproven that SBF was transhipped without tags. Pictures of the possible SBF were sent to the consortium (for example Figure 4), but no definitive identification was possible.

Figure 4: Photograph of the possible SBF transhipped during transhipment 28.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	12/12/16	Yes	Yes	Yes	Yes	Yes	12/03/21	Yes	N	Yes	Yes	Yes	PB	11/12/2016
2			Yes	15/12/16	Yes	Yes	Yes	Yes	Yes	26/06/20	Yes	Y	Yes	Yes	Yes	PB	14/12/2016
3			Yes	16/12/16	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Y	Yes	Yes	Yes	PB	15/12/2016
4			Yes	16/12/16	Yes	Yes	Yes	Yes	Yes	07/08/18	Yes	Y	Yes	Yes	Yes	PB	15/12/2016
5			Yes	17/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/12/2016
6			Yes	18/12/16	Yes	Yes	Yes	Yes	Yes	11/01/19	Yes	Y	Yes	Yes	Yes	PB	17/12/2016
7			Yes	18/12/16	Yes	Yes	Yes	Yes	Yes	02/08/19	Yes	Y	Yes	Yes	Yes	PB	17/12/2016
8			Yes	19/12/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	18/12/2016
9			Yes	19/12/16	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	19/12/2016
10			Yes	21/12/16	Yes	Yes	Yes	Yes	Yes	10/07/18	Yes	Y	Yes	Yes	Yes	PB	19/12/2016
11			Yes	22/12/16	Yes	Yes	Yes	Yes	Yes	21/09/20	Yes	Y	Yes	Yes	Yes	PB	21/12/2016
12			Yes	22/12/16	Yes	Yes	Yes	Yes	Yes	11/03/18	Yes	Y	Yes	Yes	Yes	PB	20/12/2016
13			Yes	29/12/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Y	Yes	Yes	Yes	PU	27/12/2016
14			Yes	29/12/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Y	Yes	Yes	Yes	PU	28/12/2016
15			Yes	31/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	30/12/2016
16			Yes	01/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	01/01/2017
17			Yes	01/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	31/12/2016
18			Yes	02/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	01/01/2017
19			Yes	03/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/01/2017
20			Yes	04/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	03/01/2017
21			Yes	04/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	03/01/2017
22			Yes	05/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/01/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
23			Yes	05/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/01/2017
24			Yes	06/01/17	Yes	Yes	Yes	Yes	Yes	11/01/17	Yes	Y	Yes	Yes	Yes	PB	04/01/2017
25			Yes	07/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	06/01/2017
26			Yes	07/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	06/01/2017
27			Yes	08/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	07/01/2017
28			Yes	08/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	07/01/2017
29			Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	08/01/2017
30			Yes	12/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	11/01/2017
31			Yes	13/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/01/2017
32			Yes	13/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	11/01/2017
33			Yes	14/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	13/01/2017
34			Yes	15/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/01/2017
35			Yes	16/01/17	Yes	Yes	Yes	Yes	Yes	15/10/19	Yes	Y	Yes	Yes	Yes	PB	15/01/2017
36			Yes	17/01/17	Yes	Yes	Yes	Yes	Yes	16/07/19	Yes	Y	Yes	Yes	Yes	PB	17/01/2017
37			Yes	18/01/17	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Y	Yes	Yes	Yes	PB	17/01/2017
38			Yes	18/01/17	Yes	Yes	Yes	Yes	Yes	12/05/20	Yes	Y	Yes	Yes	Yes	PB	18/01/2017
39			Yes	19/01/17	Yes	Yes	Yes	Yes	Yes	28/09/20	Yes	Y	Yes	Yes	Yes	PB	18/01/2017
40			Yes	19/01/17	Yes	Yes	Yes	Yes	Yes	01/11/17	Yes	Y	No	N/A	Yes	PB	17/01/2017
41			Yes	20/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	19/01/2017
42			Yes	20/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	18/01/2017
43			Yes	21/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	20/01/2017
44			Yes	21/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/01/2017
45			Yes	22/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/01/2017
46			Yes	22/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/01/2017
47			Yes	22/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/01/2017
48			Yes	24/01/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	23/01/2017
49			Yes	29/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	28/01/2017
50			Yes	29/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	28/01/2017
51			Yes	30/01/17	Yes	Yes	Yes	Yes	Yes	03/03/20	Yes	Y	Yes	Yes	Yes	PB	30/01/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
52			Yes	30/01/17	Yes	Yes	Yes	Yes	Yes	14/07/20	Yes	Y	Yes	Yes	Yes	PB	30/01/2017
53			Yes	31/01/17	Yes	Yes	Yes	Yes	Yes	08/07/20	Yes	Y	Yes	Yes	Yes	PB	27/01/2017
54			Yes	31/01/17	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Y	Yes	Yes	Yes	PB	30/01/2017
55			Yes	31/01/17	Yes	Yes	Yes	Yes	Yes	28/03/20	Yes	Y	Yes	Yes	Yes	PB	30/01/2017
56			Yes	01/02/17	Yes	Yes	Yes	Yes	Yes	04/11/17	Yes	Y	Yes	Yes	Yes	PB	30/01/2017
57			Yes	01/02/17	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	01/02/2017
58			Yes	01/02/17	Yes	Yes	Yes	Yes	Yes	02/08/19	Yes	Y	Yes	Yes	Yes	PB	31/01/2017
59			Yes	02/02/17	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	01/02/2017
60			Yes	02/02/17	Yes	Yes	Yes	Yes	Yes	11/01/19	Yes	Y	Yes	Yes	Yes	PB	01/02/2017
61			Yes	03/02/17	Yes	Yes	Yes	Yes	Yes	29/04/17	Yes	Y	Yes	Yes	Yes	PB	02/02/2017
62			Yes	04/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	03/02/2017
63			Yes	04/02/17	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Y	Yes	Yes	Yes	PB	03/02/2017
64			Yes	05/02/17	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	03/02/2017
65			Yes	05/02/17	Yes	Yes	Yes	Yes	Yes	12/10/17	Yes	Y	Yes	Yes	Yes	PB	03/02/2017
66			Yes	05/02/17	Yes	Yes	Yes	Yes	Yes	10/11/20	Yes	Y	Yes	Yes	Yes	PB	04/02/2017

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.**Table 9 Comments on LSPLV checks**

No	Comments
1	The ATT was not provided prior or during inspection, XXX did not yet appear yet on the ICCAT web site, and no authorisation could be issued. However, it was communicated to observer that the ICCAT Secretariat had received a request for the ATT under separate cover and had approved transshipment. The position of the number 117 with respect to Dongwon was different on the bow and stern.
5	PNC was reported, logbook not bound and not numbered.
8	NRN and name on the bow was totally obscured by rust.
9	NRN and name on the bow was totally obscured by rust.
11	The ATT was provided by a different vessel, XXX, on the same day.
13	PNC was reported, logbook not bound.
14	PNC was reported, logbook not bound.
16	The name on the bow was totally worn away.
22	There were different names on the bow and stern.
36	The IRCS on the starboard side was obscured. There were also differences between the names displayed on the bow and the stern.
39	The name and the NRN on the bow was obscured by rust.

40



PNC reported, VMS not shown during inspection, just the aerial extension.

41	PNC reported, logbook not up to date (last entry on 07/01/2017).
49	PNC was reported, logbook printed and unbound.
50	PNC was reported, logbook printed and unbound.
53	Logbook last entry was on 27/01 but it was explained to the observer that due to engine problems, no fishing had been made in the last 4 days. No PNC was reported.
57	The NRN and the name on the bow was totally obscured by rust.
59	The NRN and the name on the bow was totally obscured by rust.
64	The NRN and the name on the bow was totally obscured by rust.

The observer made seven Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
5			19205	LNB	LNN
13			19213	LNB	
14			19214	LNB	
40			19240	VNP	
41			19241	LND	
49			19249	LNB	
50			19250	LNB	

9 Other Observer Tasks.

9.1 MARPOL Observations

All waste produced onboard was retained in specific containers and bins for disposal ashore.

Table 11: Other Observations.

Transhipment N°	Observation
21	During transhipment XXX, cans were thrown to the sea.
32	During transhipment with XXX, cans and plastic bottles were thrown to the sea.
37	During transhipment with XXX, cans and plastic bottles were thrown to the sea.
56	During transhipment XXX, cans were thrown to the sea.

9.2 Unidentified or IUU vessels

None seen.

9.3 Marine mammals.

No marine mammals were seen during this deployment.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

No Health and Safety concerns were noted on board this vessel.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

The draft report was sent to the Carrier Vessel master by email after disembarking.

Appendix 1: Non ROP Transhipments

Table 13 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		10/12/2016	16.59 S	7.36 E	2 passengers and cargo transferred to LSPLV.	N
		12/12/2016	7.54 S	6.36 E	Cargo transferred.	N
		15/12/2016	3.57 S	7.01 W	Cargo and bait transferred.	N
		24/12/2016	6.40 N	22.27 W	Fuel Bunkering.	N
		18/01/2017	5.32 N	30.10 W	3 passengers transferred to CV.	N

Appendix 2: In Port Transhipments

Table 14: In port transhipments

Vessel	RFMO Number	Date	Port	Comments	Photo
		26/12/2016	Porto Grande - SV (Mindelo)	71,367 declared transhipped.	N
		27/12/2016	Porto Grande - SV (Mindelo)	65,369 declared transhipped.	N

During the first in port transhipment on 26/12/2016, 248 pieces weighing 41,996kg of BFT was transhipped with the corresponding BCD XXX.

ICCAT

Observer Report



Trip Number:	193-16
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Henry John Heyns
Cruise Dates:	From: 25/11/2016 to 27/01/2017

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd, Henry John Heyns (ROP no: 041) joined the Japanese registered Carrier Vessel (CV), Taisei Maru No.15 (RFMO No: AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 25/11/2016 to 27/01/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6,335.7 m ³
Size (GRT):	4,969 t	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	2 x JRC type JLR-7700MK 2		
Vessel monitoring system (present/absent):	Present		
Radar:	1 x JMA-9833SA & 1 x JMA-7700 series		
Communications equipment:	MF/HF: JRC JSS-800 2 x VHF: JRC JHS-32A Inmarsat F33, FB and C		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	155.231 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	25/11/2016
Method of embarkation*	Portside
Date of departure	26/11/2016
Date of first transshipment	30/11/2016
Date of last transshipment	20/01/2017
Date of return	27/01/2017
Date of disembarkation	27/01/2017
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The CV conducted a total of 43 transhipments at sea. The locations are shown in detail in

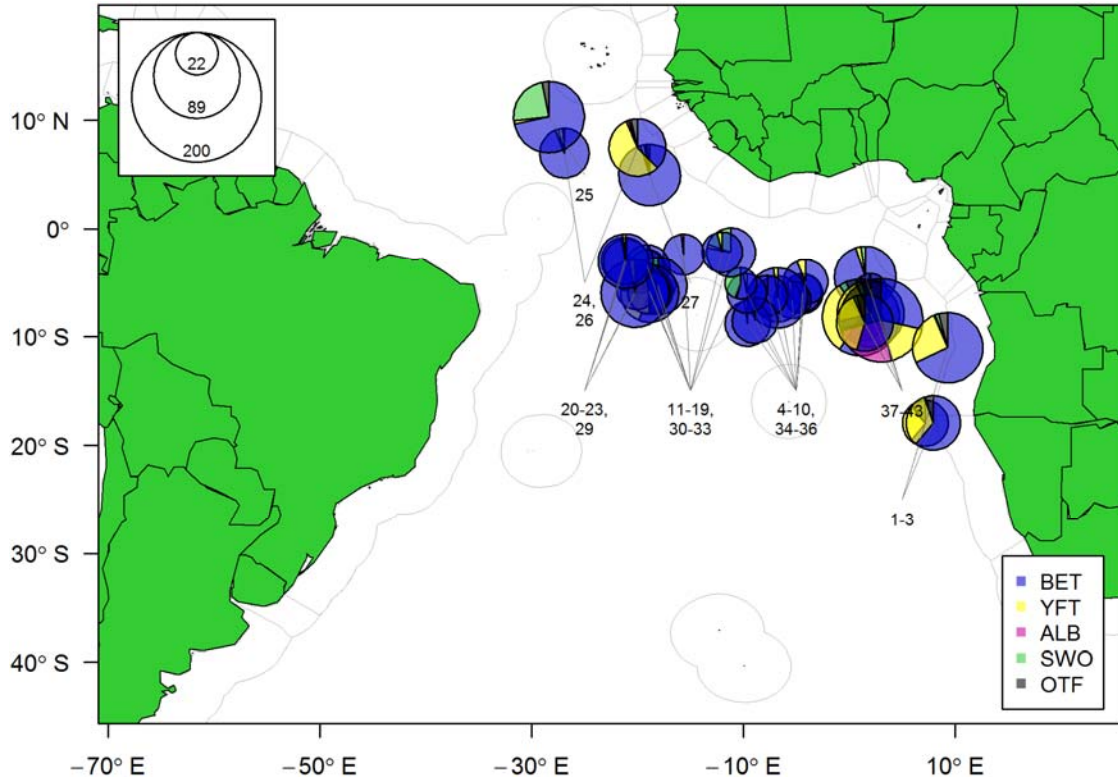


Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV also called at Porto Grande, Cape Verde islands and performed 4 in-port transhipments which included the transhipment of northern bluefin tuna (*Thunnus thynnus*). Details of these transhipments are reflected in Appendix 1.

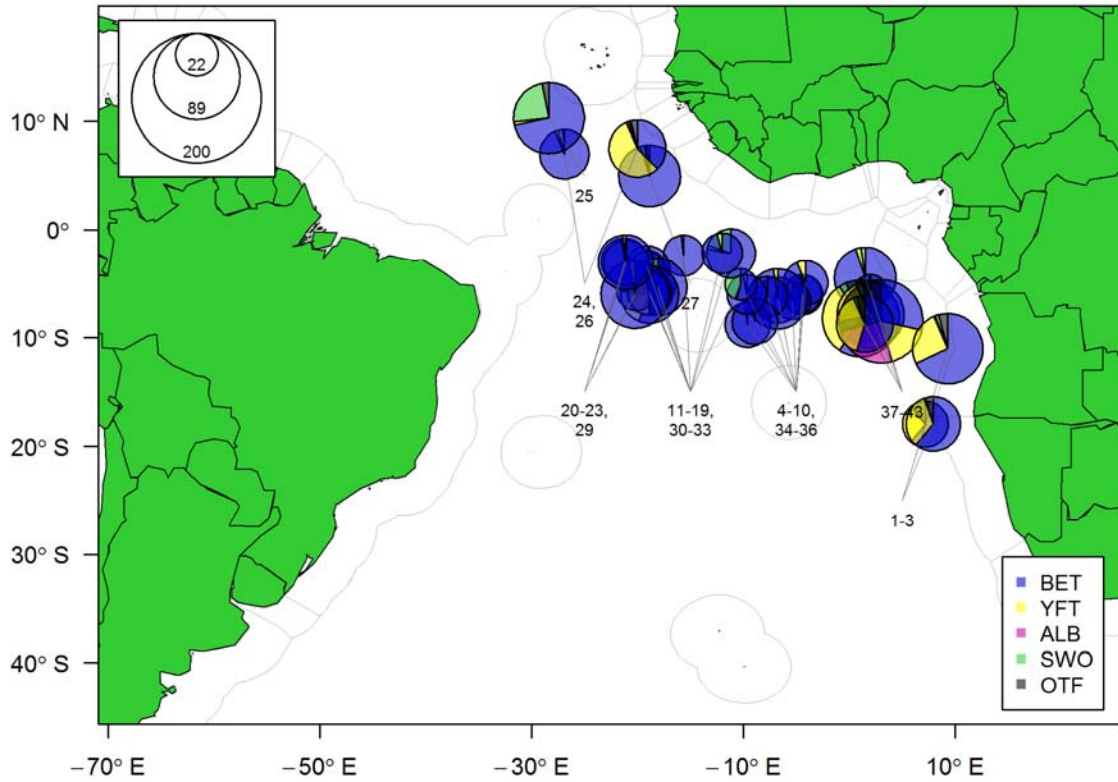


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
Belize	1
XXX	4
XXX	23
XXX	14

Comments: The CV conducted in-port transshipments (Appendix 1) from 5 XXX flagged LSPLVs and provided supplies to 19 J XXX flagged LSPLVs (Appendix 2).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	30/11/16	17°56.6 S	007°11.19 E	03:15	100.00%
2				Yes	01/12/16	17°54.31 S	007°55.13 E	01:40	100.00%
3				Yes	06/12/16	11°01.56 S	009°17.64 E	02:20	100.00%
4				Yes	10/12/16	06°01.34 S	004°25.1 W	03:45	100.00%
5				Yes	10/12/16	05°56.99 S	004°26.91 W	01:00	100.00%
6				Yes	11/12/16	04°55.53 S	004°07.41 W	01:05	100.00%
7				Yes	12/12/16	06°36.38 S	005°22.28 W	02:00	100.00%
8				Yes	13/12/16	06°31.28 S	006°45.27 W	01:05	100.00%
9				Yes	13/12/16	06°25.59 S	006°46.32 W	02:00	100.00%
10				Yes	14/12/16	06°12.91 S	007°44.71 W	03:45	100.00%
11				Yes	15/12/16	05°04.21 S	010°15.23 W	01:05	100.00%
12				Yes	16/12/16	02°11.98 S	011°10.72 W	01:30	100.00%
13				Yes	17/12/16	02°10.81 S	011°59.98 W	01:35	100.00%
14				Yes	18/12/16	02°23.94 S	015°38.44 W	01:40	100.00%
15				Yes	19/12/16	03°35.15 S	019°01.01 W	00:45	100.00%
16				Yes	19/12/16	03°31.63 S	019°03.63 W	01:00	100.00%
17				Yes	19/12/16	03°27.21 S	019°06.17 W	02:00	100.00%
18				Yes	20/12/16	05°19.95 S	018°01.71 W	01:20	100.00%
19				Yes	20/12/16	05°12.65 S	018°08.52 W	01:40	100.00%
20				Yes	21/12/16	06°00.02 S	020°14.74 W	00:45	100.00%
21				Yes	22/12/16	03°04.47 S	021°03.59 W	01:05	100.00%
22				Yes	22/12/16	03°01.41 S	021°07.24 W	01:30	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
23				Yes	22/12/16	02°57.61 S	021°12.68 W	02:10	100.00%
24				Yes	25/12/16	06°58.64 N	026°54.71 W	01:55	100.00%
25				Yes	26/12/16	10°19.33 N	028°22.21 W	01:55	100.00%
26				Yes	05/01/17	07°30.21 N	020°00.83 W	02:40	100.00%
27				Yes	06/01/17	04°58.57 N	018°52.06 W	01:05	100.00%
28				Yes	06/01/17	04°58.19 N	018°49.79 W	02:25	100.00%
29				Yes	08/01/17	05°38.72 S	020°05.39 W	01:40	100.00%
30				Yes	09/01/17	06°00.33 S	018°51.33 W	01:30	100.00%
31				Yes	09/01/17	05°55.95 S	018°54.55 W	03:15	100.00%
32				Yes	10/01/17	05°50.36 S	018°51.04 W	02:10	100.00%
33				Yes	10/01/17	05°47.16 S	018°52.57 W	02:25	100.00%
34				Yes	12/01/17	08°49.07 S	009°36.19 W	03:40	100.00%
35				Yes	12/01/17	08°30.72 S	008°54.72 W	00:30	100.00%
36				Yes	13/01/17	06°00.44 S	009°40.86 W	01:25	100.00%
37				Yes	15/01/17	04°29.95 S	001°30.56 E	03:40	86.36%
38				Yes	16/01/17	05°38.8 S	002°00.15 E	02:50	100.00%
39				Yes	17/01/17	08°31.06 S	001°15.3 E	05:00	100.00%
40				Yes	17/01/17	08°12.7 S	001°04.66 E	02:25	100.00%
41				Yes	18/01/17	07°52.42 S	002°00.35 E	01:10	100.00%
42				Yes	19/01/17	08°28.85 S	002°59.67 E	02:10	100.00%
43				Yes	20/01/17	08°44.01 S	001°27.71 E	04:20	88.46%

Comments:

Transhipments number 37 and 43 were partially observed due to the observer taking a lunch break.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	62.508	66.694	1.301	1.266	0.668	0.650	0.935	0.991	65.412	69.601	4.19	6.02%
2	39.181	41.964	0.595	0.789	1.338	1.308	0.548	0.540	41.662	44.601	2.94	6.59%
3	14.383	22.284	38.712	33.387	0.823	0.799	1.932	2.378	55.850	58.848	3.00	5.09%
4	63.337	66.304	0.359	1.255	21.368	21.956	2.257	2.934	87.321	92.449	5.13	5.55%
5	31.108	29.660	0.282	0.282	0.000	0.000	0.000	0.000	31.390	29.942	-1.45	-4.84%
6	25.925	26.502	0.273	0.327	0.000	0.000	0.000	0.000	26.198	26.829	0.63	2.35%
7	33.713	34.125	2.412	2.360	0.000	0.000	0.000	0.000	36.125	36.485	0.36	0.99%
8	23.650	24.044	0.900	1.148	0.000	0.000	0.000	0.000	24.550	25.192	0.64	2.55%
9	38.614	38.778	0.433	0.433	0.000	0.000	0.000	0.000	39.047	39.211	0.16	0.42%
10	70.065	66.000	1.828	1.500	0.000	0.000	0.000	0.000	71.893	67.500	-4.39	-6.51%
11	28.980	30.025	0.000	0.000	0.000	0.000	0.000	0.000	28.980	30.025	1.05	3.48%
12	33.774	36.439	0.930	0.872	0.000	0.000	0.000	0.000	34.704	37.311	2.61	6.99%
13	39.426	38.196	0.204	0.255	0.000	0.000	0.000	0.000	39.630	38.451	-1.18	-3.07%
14	27.887	28.212	0.822	0.767	0.000	0.000	0.000	0.000	28.709	28.979	0.27	0.93%
15	9.963	10.129	0.346	0.346	7.883	8.069	0.000	0.000	18.192	18.544	0.35	1.90%
16	17.221	16.550	0.307	0.345	5.970	5.970	0.000	0.000	23.498	22.865	-0.63	-2.77%
17	34.882	34.768	0.938	0.938	8.708	8.778	0.000	0.000	44.528	44.484	-0.04	-0.10%
18	30.633	28.820	1.036	1.295	0.000	0.000	0.000	0.000	31.669	30.115	-1.55	-5.16%
19	28.990	30.054	0.489	0.602	0.000	0.000	0.000	0.000	29.479	30.656	1.18	3.84%
20	20.023	19.900	1.375	1.375	2.956	3.015	0.000	0.000	24.354	24.290	-0.06	-0.26%
21	29.353	28.642	0.866	0.909	5.948	5.889	0.000	0.000	36.167	35.440	-0.73	-2.05%
22	11.864	11.565	0.032	0.032	7.720	7.780	0.000	0.000	19.616	19.377	-0.24	-1.23%
23	41.695	42.389	0.000	0.000	19.279	17.289	0.000	0.000	60.974	59.678	-1.30	-2.17%
24	36.135	37.718	1.065	1.150	0.000	0.000	0.000	0.000	37.200	38.868	1.67	4.29%
25	14.630	15.637	6.529	6.609	8.265	8.007	2.455	1.676	31.879	31.929	0.05	0.16%
26	32.350	34.716	13.742	12.730	2.299	2.327	6.481	6.602	54.872	56.375	1.50	2.67%
27	9.295	16.388	20.850	15.318	0.137	0.156	0.863	0.812	31.145	32.674	1.53	4.68%
28	44.483	45.582	8.635	9.136	0.525	0.585	3.366	3.898	57.009	59.201	2.19	3.70%
29	39.057	39.432	0.888	0.888	0.000	0.000	0.000	0.000	39.945	40.320	0.38	0.93%
30	29.171	28.500	1.215	1.260	0.000	0.000	0.000	0.000	30.386	29.760	-0.63	-2.10%
31	82.151	82.476	2.648	2.648	0.000	0.000	0.000	0.000	84.799	85.124	0.33	0.38%
32	38.926	37.124	1.423	1.496	0.000	0.000	0.000	0.000	40.349	38.620	-1.73	-4.48%
33	56.929	54.486	1.012	1.095	0.000	0.000	0.000	0.000	57.941	55.581	-2.36	-4.25%
34	62.369	66.366	1.862	1.965	1.622	1.622	0.000	0.000	65.853	69.953	4.10	5.86%
35	18.801	18.997	0.233	0.186	0.000	0.000	0.000	0.000	19.034	19.183	0.15	0.78%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
36	29.700	28.231	0.638	0.912	0.000	0.000	0.000	0.000	30.338	29.143	-1.20	-4.10%
37	64.620	64.811	33.347	33.986	2.254	3.495	9.523	6.803	109.744	109.095	-0.65	-0.59%
38	59.134	58.221	16.864	17.727	1.899	2.067	3.613	3.730	81.510	81.745	0.23	0.29%
39	33.817	36.470	22.855	22.578	0.983	1.097	39.011	36.270	96.666	96.415	-0.25	-0.26%
40	32.944	32.144	21.755	23.012	0.856	0.931	3.869	2.953	59.424	59.040	-0.38	-0.65%
41	23.446	23.444	9.928	10.665	0.524	0.524	3.701	3.801	37.599	38.434	0.83	2.17%
42	31.720	33.328	18.257	18.202	0.398	0.398	2.659	2.659	53.034	54.587	1.55	2.84%
43	55.616	62.011	23.641	23.074	1.120	1.254	3.571	3.993	83.948	90.332	6.38	7.07%

Comments:

The CV made use of a hanging scale and all the declared amounts were within 10% of the observer's estimations.

6 Species and weight transferred

The vessel contained 155.231 t of tuna products when the observer boarded in Cape Town. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.** and a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Other fish Unclassified		SE	0.14	0.01%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	5.66	0.29%	5.71	0.28%
Albacore	<i>Thunnus alalunga</i>	S	36.31	1.84%	34.18	1.69%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	2.06	0.10%	2.38	0.12%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	29.56	1.49%	32.57	1.61%
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	2.26	0.11%	2.93	0.14%
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	0.30	0.01%	0.32	0.02%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	0.02	0.00%	0.02	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.10	0.00%	0.18	0.01%
Bigeye tuna	<i>Thunnus obesus</i>	All	1537.24	77.72%	1588.13	78.34%
Black marlin	<i>Makaira indica</i>	S	0.00	0.00%	0.10	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.06	0.00%
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	S	0.57	0.03%	0.00	0.00%
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	SE	0.42	0.02%	0.00	0.00%
Mixed Tunas		All	4.57	0.23%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	NE	0.23	0.01%	0.34	0.02%
Opah	<i>Lampris guttatus</i>	SE	0.42	0.02%	0.43	0.02%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.80	0.04%	1.10	0.05%
Striped marlin	<i>Tetrapturus audax</i>	SE	0.00	0.00%	0.11	0.01%
Swordfish	<i>Xiphias gladius</i>	All	15.60	0.79%	8.07	0.40%
Swordfish	<i>Xiphias gladius</i>	E	1.62	0.08%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	10.56	0.53%	13.61	0.67%
Swordfish	<i>Xiphias gladius</i>	S	69.35	3.51%	76.31	3.76%
Swordfish	<i>Xiphias gladius</i>	SE	5.97	0.30%	5.97	0.29%
Yellowfin tuna	<i>Thunnus albacares</i>	All	254.55	12.87%	255.12	12.58%

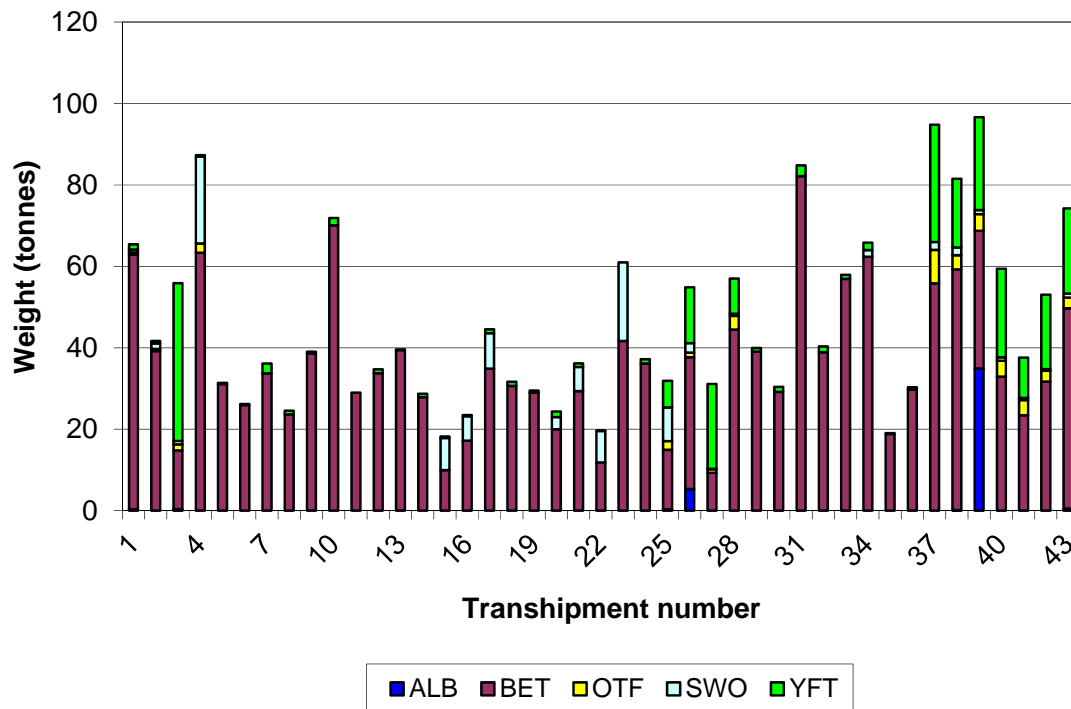


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		6.17
Albacore	<i>Thunnus alalunga</i>	14.29
Atlantic blue marlin	<i>Makaira nigricans</i>	101.14
Atlantic sailfish	<i>Istiophorus albicans</i>	21.14
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.63
Bigeye tuna	<i>Thunnus obesus</i>	53.46
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	89.64
Mixed Tunas		31.05
Opah	<i>Lampris guttatus</i>	11.54
Shortfin mako	<i>Isurus oxyrinchus</i>	16.58
Swordfish	<i>Xiphias gladius</i>	60.72
Yellowfin tuna	<i>Thunnus albacares</i>	51.07

Comments:

Bigeye tuna (*Thunnus obesus*) was the dominant species that was transhipped and was present in all 43 transshipments with yellowfin tuna (*Thunnus albacares*) present in 41 transshipments.

Transshipments no. 1 and 2 were the only transshipments where black marlin (*Makaira indica*) and atlantic blue marlin (*Makaira nigricans*) were transhipped together and were collectively counted under marlins, sailfishes, etc. nei (*Istiophoridae*). All other transshipments where marlins were transhipped constituted *M. Nigricans* only.

Transshipments no. 3, 27 and 28 were the only transshipments that included shark

products, i.e. shortfin mako (*Isurus oxyrinchus*) and transshipment no. 28 was the only LSPLV that transhipped a small quantity of shark fins.

Species included under the collective term "Other fish unclassified" (OTF) included:

Dolphinfish (*Coryphaena hippurus*)

Atlantic Spanish mackerel (*Scomberomorus maculatus*)

Moonfish (*Lampris guttatus*)

Skipjack tuna (*Katsuwonus pelamis*)

Generally the species lists received from the LSPLVs were complete and corresponded fairly closely with the observer's counts as well as visual weight estimates and was thus considered to be a fairly accurate reflection of transferred numbers and weights. The CV was equipped with a hook scale, thus enabling the observer to verify the total weights transhipped by the LSPLVs.

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	30/11/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	24/11/16
2			Yes	01/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	30/11/16
3			Yes	06/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	05/12/16
4			Yes	10/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	09/12/16
5			Yes	10/12/16	Yes	Yes	Yes	Yes	Yes	24/12/18	Yes	Y	Yes	Yes	Yes	PB	09/12/16
6			Yes	11/12/16	Yes	Yes	Yes	Yes	Yes	06/07/20	Yes	Y	Yes	Yes	Yes	PB	10/12/16
7			Yes	12/12/16	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	10/12/16
8			Yes	13/12/16	Yes	Yes	Yes	Yes	Yes	09/01/17	Yes	Y	Yes	Yes	Yes	PB	12/12/16
9			Yes	13/12/16	Yes	Yes	Yes	Yes	Yes	10/12/17	Yes	Y	Yes	Yes	Yes	PB	12/12/16
10			Yes	14/12/16	Yes	Yes	Unk	Yes	Yes	21/03/19	Yes	Y	Yes	Yes	Yes	PB	13/12/16
11			Yes	15/12/16	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Y	Yes	Yes	Yes	PB	15/12/16
12			Yes	16/12/16	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	15/12/16
13			Yes	17/12/16	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	16/12/16
14			Yes	18/12/16	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	17/12/16
15			Yes	19/12/16	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Y	Yes	Yes	Yes	PB	18/12/16
16			Yes	19/12/16	Yes	Yes	Yes	Yes	Yes	05/06/20	Yes	Y	Yes	Yes	Yes	PB	18/12/16
17			Yes	19/12/16	Yes	Yes	Yes	Yes	Yes	05/08/19	Yes	Y	Yes	Yes	Yes	PB	18/12/16
18			Yes	20/12/16	No	Yes	Yes	Yes	Yes	16/07/19	Yes	Y	Yes	Yes	Yes	PB	20/12/16
19			Yes	20/12/16	Yes	Yes	Yes	Yes	Yes	02/01/17	Yes	Y	Yes	Yes	Yes	PB	19/12/16
20			Yes	21/12/16	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Y	Yes	Yes	Yes	PB	20/12/16

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
21			Yes	22/12/16	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	21/12/16
22			Yes	22/12/16	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Y	Yes	Yes	Yes	PB	21/12/16
23			Yes	22/12/16	Yes	Yes	Yes	Yes	Yes	31/12/16	Yes	Y	Yes	Yes	Yes	PB	21/12/16
24			Yes	25/12/16	Yes	Yes	Yes	Yes	Yes	10/11/17	Yes	Y	Yes	No	Yes	PB	24/12/16
25			Yes	26/12/16	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	25/12/16
26			Yes	05/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	04/01/17
27			Yes	06/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	30/12/16
28			Yes	06/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	06/01/17
29			Yes	08/01/17	Yes	Yes	Yes	Yes	Yes	13/03/20	Yes	Y	Yes	Yes	Yes	PB	07/01/17
30			Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Y	Yes	Yes	Yes	PB	09/01/17
31			Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	08/01/17
32			Yes	10/01/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	10/01/17
33			Yes	10/01/17	Yes	Yes	Yes	Yes	No	05/11/16	Yes	Y	Yes	Yes	Yes	PB	10/01/17
34			Yes	12/01/17	Yes	Yes	Yes	Yes	Yes	15/12/20	Yes	Y	Yes	Yes	Yes	PB	12/01/17
35			Yes	12/01/17	Yes	Yes	Yes	Yes	Yes	06/07/20	Yes	Y	Yes	Yes	Yes	PB	11/01/17
36			Yes	13/01/17	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Y	Yes	Yes	Yes	PB	12/01/17
37			Yes	15/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	13/01/17
38			Yes	16/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	15/01/17
39			Yes	17/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/01/17
40			Yes	17/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	16/01/17
41			Yes	18/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	17/01/17
42			Yes	19/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	18/01/17
43			Yes	20/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	20/01/17

Comments.

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments on LSPLV checks

No	Comments
1	<p>The LSPLV logbook records consisted of loose, numbered pages contained in a clip file. The observer specifically requested to view the electronic logbook, but this could not be produced.</p> <p>Figure 3 Unbound logbook used by the LSPLV XXX.</p>
2	<p>The ARGOS VMS unit was fitted with a power switch.</p> <p>Figure 4 The power switch fitted to the VMS of the XXX. The LSPLV's logbook records consisted of loose, numbered pages contained in a clip file and no electronic logbook was used on board.</p> <p>Figure 5 The unbound logbook used by the XXX</p>
3	<p>The power supply of the VMS was fitted with a power switch.</p> <p>Figure 6 The power switch fitted to the VMS of the XXX</p> <p>The LSPLV's logbook records consisted of loose, numbered pages contained in a clip file. The observer specifically requested to view the electronic logbook, but this could not be produced.</p> <p>Figure 7 The unbound logbook used by the XXX</p>
7	<p>The LSPLV's bow and stern markings were partially obscured by fouling and a PNC was generated. A copy of the PNC (ref: 193-16/01) was handed to the master of the LSPLV.</p> <p>Figure 8 The bow markings of the XXX</p>
10	<p>The LSPLV's NRN was not displayed.</p>

No	Comments
14	<p>The CLS VMS unit was fitted with a power switch.</p> <p>Figure 9 The power switch fitted to the VMS of the XXX</p> <p>The observer pointed out to the master of the LSPLV that his logbook pages were not numbered. The master acknowledged it and subsequently numbered the pages in the observer's presence.</p>
15	No comments.
18	<p>The IRCS displayed on the starboard side was almost completely obscured by fouling.</p> <p>Figure 10 Fouled up IRCS markings of the I XXX The LSPLV's name on the stern was incorrectly displayed as " XXX " instead of " XXX "</p> <p>A PNC ref: 193-16/03 was issued.</p> <p>Figure 11 Stern markings of the I XXX</p>
24	<p>The LSPLV was equipped with two VMS units. Neither of these units were operational. The master of the LSPLV indicated that they were in need of repair and he was under orders from the owners to submit a record of his positions on a daily basis until the vessel's next port call. A PNC was issued and the master of the LSPLV was handed a copy.</p> <p>Figure 12 Non-functional VMS systems of the XXX</p>
27	<p>The power supply of the VMS was fitted with a power switch.</p> <p>Figure 13 VMS unit of the LSPLV XXX</p> <p>The LSPLV's logbook records consisted of loose, numbered pages contained in a clip file. The observer specifically requested to view the electronic logbook, but this could not be produced.</p> <p>Figure 14 Logbook of the LSPLV XXX</p>

No	Comments
28	<p>The LSPLV's logbook records consisted of loose, numbered pages contained in a clip file.</p> <p>Figure 15 Logbook of the LSPLV XXX</p>
33	<p>The ATF was valid up to 5/11/2016. A PNC was issued for the ATF not being in-date.</p> <p>Figure 16 ATF on board the XXX</p>
37	<p>The LSPLV's logbook records consisted of loose, numbered pages contained in a clip file (Unbound). The vessel did not have any electronic logbooks on board.</p> <p>Figure 17 Unbound logsheets of the LSPLV XXX</p>
39	<p>The LSPLV's logbook records consisted of printed pages that were manually numbered and stapled together. The LSPLV did not have an electronic logbook on board.</p> <p>Figure 18 Unbound logsheets of the LSPLV XXX</p>
40	<p>The LSPLV's logbook records consisted of printed pages that were manually numbered and bound. The LSPLV did not have an electronic logbook on board.</p> <p>Figure 19 Unbound logsheets of the LSPLV XXX</p>

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
7			1	IIM		
18			3	IIM	IIM	
24			4	VNL		
33			5	AID		

Transshipment no.7 (PNC ref. 1): The LSPLV's bow and stern markings were partially obscured by fouling (Figure 8) and a PNC was generated. A copy of the PNC (ref: 193-16/01) was handed to the master of the LSPLV.

Transshipment no.18 (PNC ref. 3): (A) The LSPLV's IRCS on the starboard side was almost completely obscured by fouling (Figure 10).
(B) The LSPLV's name on the stern was displayed as "XXX" instead of "XXX" (Figure 11). A PNC ref: 193-16/03 was issued.

Transshipment no.24 (PNC ref. 4): The LSPLV was equipped with two VMS units, but neither of these units were operational (Figure 12). The master of the LSPLV indicated that they were in need of repair and he was under orders from the owners to submit a record of his positions on a daily basis until he called in to a port. A PNC was issued and the master of the LSPLV was handed a copy.

Transshipment no.33 (PNC ref. 5): A PNC was issued for the ATF date not being valid (Figure 16).

9 Other Observer Tasks.

9.1 CV waste disposal

The CV made use of demarcated waste containers situated in the galley as well as outside the vessel. The CV was equipped with an incinerator and waste materials such as cardboard, food wrappings, strapping, off cut pieces of rope, dunnage, etc., were incinerated on a daily basis.

All glass, plastic and metal waste were stored on board for disposal at shore. The galley was also equipped with a food macerator and all galley scraps were automatically macerated and discarded overboard. The observer did not notice any crew member discarding waste materials overboard. Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the cruise.

9.2 Marine mammals.

No marine mammals were sighted during the cruise.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 In-port transhipments at Porto Grande, Cape Verde islands

No	Name	RFMO No	Latitude	Longitude	Northern Bluefin (t)	Bigeye (t)	Yellowfin (t)	Swordfish (t)	Other (t)	Total (t)
1			16°52 N	025°00 W	59.718	13.329	0.909	3.574	1.659	79.189
2			16°52 N	025°00 W	59.617	14.112	3.454	3.127	5.854	86.164
3			16°52 N	025°00 W	59.065	20.495	3.647	6.350	8.131	97.688
4			16°52 N	025°00 W	41.991	62.268	1.340	5.831	9.149	120.579
5			16°52 N	025°00 W	0.000	24.842	13.462	0.580	4.065	42.949

Appendix 2 Non ROP cargo transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/11/2016	18°49 S	007°10 E	General supplies	Y
		29/11/2016	18°44 S	007°10 E	General supplies	Y
		29/11/2016	18°40 S	007°09 E	General supplies + 4,595 boxes of bait	Y
		30/11/2016	17°57 S	007°12 E	General supplies	Y
		01/12/2016	17°58 S	007°58 E	General supplies + 590 boxes of bait	Y
		01/12/2016	17°47 S	007°50 E	General supplies + one pax to LSPLV	Y
		02/12/2016	17°36 S	007°37 E	General supplies	Y
		02/12/2016	17°35 S	007°36 E	General supplies + 3,108 boxes of bait	Y
		02/12/2016	17°28 S	007°35 E	General supplies + 1.240 boxes of bait	Y
		05/12/2016	12°24 S	007°36 E	General supplies	Y
		05/12/2016	12°21 S	007°37 E	General supplies	Y
		08/12/2016	04°33 S	002°33 E	General supplies + 4,067 boxes of bait	Y
		24/12/2016	06°37 N	022°00 W	General supplies	Y
		27/12/2016	10°26 N	032°01 W	General supplies	Y

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		27/12/2016	10°24 N	032°04 W	General supplies	Y
		16/01/2017	05°38 S	001°57 E	Bunkers only	Y
		21/01/2017	08°12 S	002°09 E	General supplies + bunkers	Y
		22/01/2017	11°30 S	003°50 E	Bunkers only	Y

ICCAT

Observer Final Report



Trip Number:	194-16
Vessel Name:	SHOTA MARU
ICCAT Ref. No.	AT000LBR00022
Observer Name:	Jano van Heerden
Cruise Dates:	From: 01/01/2017 to 26/02/2017

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line LTD. and Capricorn Fisheries Monitoring, Jano van Heerden (ICCAT No. 003) joined the Liberian registered Carrier Vessel (CV) Shota Maru (AT000LBR00022) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 31/12/2016 to 26/02/2017.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Shota Maru	Call sign:	D5KN7
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A	Charterer:	Toei Reefer Line LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2350 MT
Size (GRT):	3.936 tonnes	Length (LOA):	100.98m
On-board acoustic equipment:	JRC echo sounder (JFE-570S)		
Position fixing equipment:	JRC Navigator- JLR-6800 GPS, JRC AIS-JHS-182		
Vessel monitoring system (present/absent):	Japan Radio Company (JRC) JUE-95VM and CLS Thorium TST-100		
Radar:	JRC JMA-7000, TOKYO KEIKI- KU-500		
Communications equipment:	HF, MF, VHF, INMARSAT, Navtex, E-mail, Satellite phone and fax		
Plotters:	JRC JMA-7000, CPN 4.00		
Tuna products already on board (Quantity)	222.392 tonnes		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	The observer boarded in Singapore on 09/12/2016 as the IOTC observer. The CV docked in Cape Town on 30/12/2016 and the observer remained on board.
Method of embarkation*	Remained on board from previous deployment.
Date of departure	01/01/2017
Date of first transshipment	06/01/2017
Date of last transshipment	22/02/2017
Date of return	26/02/2017
Date of disembarkation	26/02/2017
Method of disembarkation*	In Port (Port launch)
Port of return	Walvis Bay, Namibia

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV docked in Cape Town, South Africa on 30/12/2016 having sailed from Singapore on 09/12/2016 (IOTC request no. 406-16). The observer stayed on board the CV until the CV sailed on 01/01/2017 for the Atlantic Ocean. The CV conducted a total of 31 transshipments at sea. The locations are shown in detail in

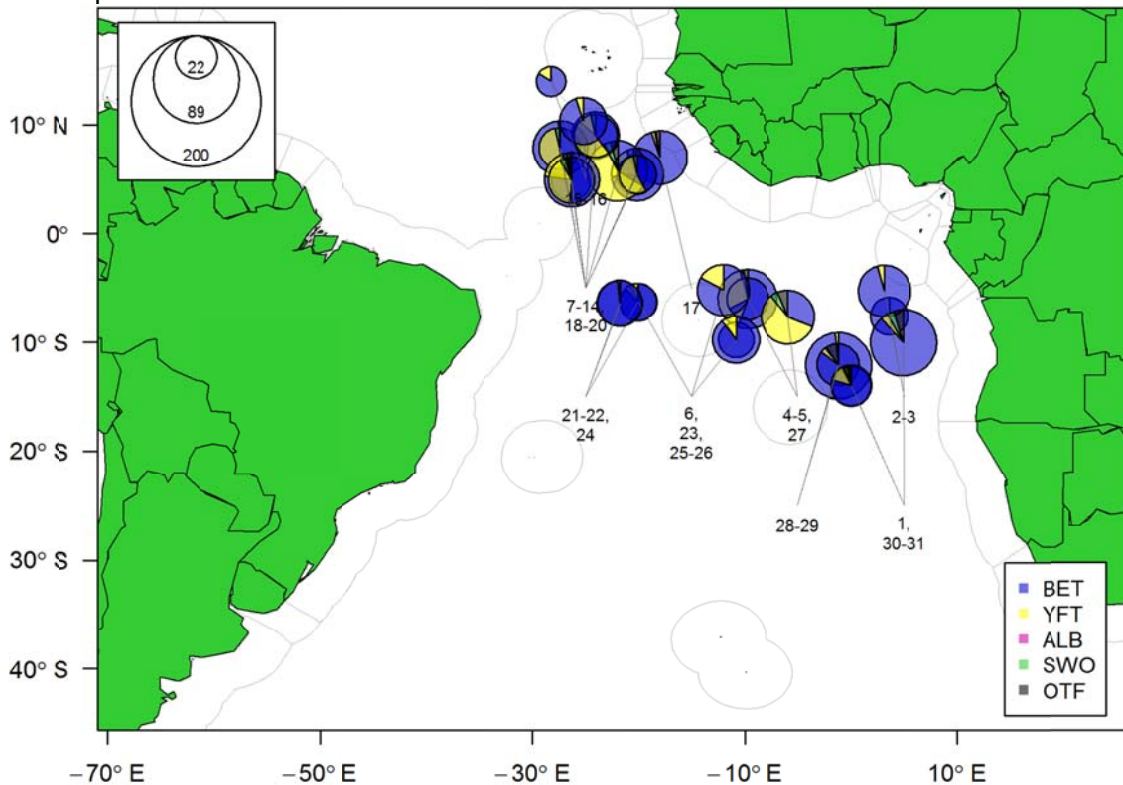


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

The CV concluded 2 in-port fish transshipments on anchorage at Sao Vicente, Cape Verde Islands on 29/01/2017 and 31/01/2017. Northern bluefin tuna (*Thunnus thynnus*) was one of the species transhipped. (See Appendix 2 and 3 for details of the in port fish transshipments).

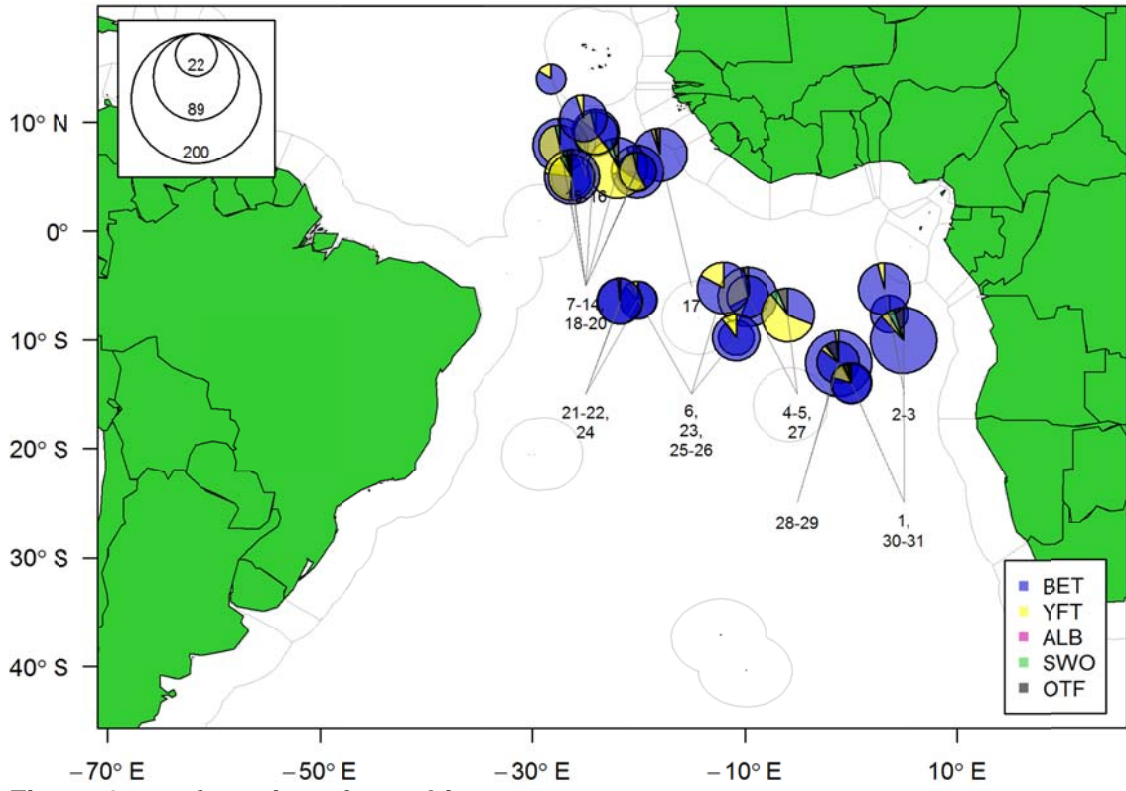


Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	3
	11
	13
	3

Comments:

In addition, the CV concluded 18 general cargo and bait transhipments on the high seas between 06/01/2017 and 20/02/2017. A summary of the Non-ICCAT transhipments are provided in Appendix 1.

At Sao Vincente, Cape Verde Islands the CV concluded 2 in-port fish transhipments on anchorage with two xx registered LSPLVs on 29/01/2017 and 31/01/2017. A summary of the in-port fish transhipments are provided in Appendix 2.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No				Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	06/01/2017	10°03.408 S	004°57.812 E	03:37	100.00%
2				Yes	08/01/2017	07°35.463 S	003°36.539 E	03:56	100.00%
3				Yes	09/01/2017	05°17.632 S	003°09.544 E	03:31	100.00%
4				Yes	12/01/2017	06°01.210 S	009°44.467 W	02:44	100.00%
5				Yes	12/01/2017	06°00.158 S	009°43.742 W	02:17	100.00%
6				Yes	13/01/2017	05°11.989 S	012°01.962 W	04:14	100.00%
7				Yes	18/01/2017	05°26.105 N	020°04.112 W	06:35	100.00%
8				Yes	19/01/2017	05°26.397 N	020°06.357 W	02:28	100.00%
9				Yes	19/01/2017	05°25.481 N	020°10.204 W	03:34	100.00%
10				Yes	20/01/2017	05°46.476 N	021°58.649 W	03:29	100.00%
11				Yes	22/01/2017	08°59.896 N	024°03.821 W	05:08	100.00%
12				Yes	23/01/2017	09°03.167 N	024°05.157 W	04:55	100.00%
13				Yes	24/01/2017	07°51.961 N	027°22.472 W	02:38	100.00%
14				Yes	24/01/2017	07°52.889 N	027°27.458 W	03:49	100.00%
15				Yes	26/01/2017	10°22.497 N	025°13.279 W	04:53	100.00%
16				Yes	02/02/2017	13°58.317 N	028°14.754 W	04:05	100.00%
17				Yes	05/02/2017	07°00.814 N	017°56.131 W	04:17	100.00%
18				Yes	09/02/2017	04°58.270 N	026°17.956 W	02:02	100.00%
19				Yes	09/02/2017	04°54.362 N	026°19.937 W	03:35	100.00%
20				Yes	10/02/2017	04°48.292 N	026°23.149 W	05:20	100.00%
21				Yes	13/02/2017	06°25.436 S	021°43.499 W	02:10	100.00%
22				Yes	13/02/2017	06°23.741 S	021°47.231 W	02:21	100.00%
23				Yes	14/02/2017	06°18.959 S	019°58.229 W	03:19	100.00%
24				Yes	14/02/2017	06°18.741 S	020°01.603 W	04:08	100.00%
25				Yes	17/02/2017	09°47.556 S	010°50.079 W	02:28	100.00%
26				Yes	17/02/2017	09°46.437 S	010°50.851 W	04:18	100.00%
27				Yes	19/02/2017	07°41.233 S	005°56.793 W	06:23	100.00%
28				Yes	21/02/2017	12°08.699 S	001°08.271 W	03:05	100.00%

No				Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
29				Yes	21/02/2017	12°04.804 S	001°11.588 W	06:20	100.00%
30				Yes	22/02/2017	14°00.905 S	000°03.574 E	03:25	100.00%
31				Yes	22/02/2017	13°58.232 S	000°02.601 E	03:10	100.00%

Comments:

All transhipments were fully observed and all LSPLVs were inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	61.927	62.847	1.539	1.446	0.376	0.4	1.437	1.624	65.279	66.317	1.04	1.57%
2	52.804	47.488	11.556	12.789	0.318	0.318	3.784	3.884	68.462	64.479	-3.98	-6.18%
3	42.513	44.438	4.708	5.059	0.347	0.248	1.876	1.742	49.444	51.487	2.04	3.97%
4	38.893	36.544	0.415	0.319	0	0	0	0	39.308	36.863	-2.45	-6.63%
5	34.15	33.57	0.94	0.94	0	0	0	0	35.09	34.51	-0.58	-1.68%
6	71.115	68.138	0.682	0.787	0	0	0	0	71.797	68.925	-2.87	-4.17%
7	0	28.315	0	49.992	3.199	2.885	82.963	3.393	86.162	84.585	-1.58	-1.86%
8	14.593	14.141	17.326	18.053	1.058	1.108	0	0	32.977	33.302	0.32	0.98%
9	18.981	18.481	18.139	18.667	1.163	1.302	0	0	38.283	38.45	0.17	0.43%
10	18.899	17.033	26.711	24.383	1.305	1.501	0	0	46.915	42.917	-4.00	-9.32%
11	57.153	53.367	12.21	11.698	1.791	1.162	2.261	2.365	73.415	68.592	-4.82	-7.03%
12	25.224	24.831	20.297	19.901	1.896	1.81	2.094	2.072	49.511	48.614	-0.90	-1.85%
13	16.852	16.596	3.085	3.197	0	0	0	0	19.937	19.793	-0.14	-0.73%
14	48.971	48.346	2.377	2.585	0	0	0	0	51.348	50.931	-0.42	-0.82%
15	0	45.568	0	32.943	2.122	1.574	82.09	1.893	84.212	81.978	-2.23	-2.73%
16	27.959	27.269	11.88	12.61	0.822	0.913	0	0	40.661	40.792	0.13	0.32%
17	20.832	20.492	39.921	39.052	3.019	2.808	4.054	4.191	67.826	66.543	-1.28	-1.93%
18	26.282	26.102	2.657	2.598	0	0	0	0	28.939	28.7	-0.24	-0.83%
19	50.267	51.1	10.663	10.421	0	0	0	0	60.93	61.521	0.59	0.96%
20	45.158	45.205	5.248	5.133	0	0	0	0	50.406	50.338	-0.07	-0.14%
21	30.38	30.161	2.202	2.253	0	0	0	0	32.582	32.414	-0.17	-0.52%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
22	29.68	29.507	3.914	3.802	0	0	0	0	33.594	33.309	-0.28	-0.86%
23	48.707	48.39	0.308	0.37	0	0	0	0	49.015	48.76	-0.26	-0.52%
24	47.856	48.157	0.688	0.809	0	0	0	0	48.544	48.966	0.42	0.86%
25	32.042	32.257	0	0	0	0	0	0	32.042	32.257	0.21	0.67%
26	60.383	60.21	2.953	2.795	0	0	0	0	63.336	63.005	-0.33	-0.53%
27	102.505	98.8	1.531	1.64	0	0	0	0	104.036	100.44	-3.60	-3.58%
28	34.388	34.792	1.724	1.82	0.644	0.364	3.738	3.836	40.494	40.812	0.32	0.78%
29	96.227	89.407	3.412	3.615	3.671	3.165	5.136	5.121	108.446	101.308	-7.14	-7.05%
30	32.069	31.206	1.923	1.923	0.274	0.137	0.939	1.043	35.205	34.309	-0.90	-2.61%
31	31.299	30.17	5.148	4.995	0.304	0.405	2.528	2.426	39.279	37.996	-1.28	-3.38%

Comments:

The conditions on board allowed for accurate counts of the transhipped fish and the observer estimations were all within 10% of the amounts declared.

During transhipment numbers 7 and 15, the observer found it difficult to distinguish between the closely strung yellowfin tuna (*Thunnus albacares*) and the big-eye tuna (*Thunnus obesus*) transhipped. The observer recorded both the yellowfin tuna (*T. albacares*) and the big-eye tuna (*T. obesus*) on these transhipments as “mixed tunas”. In Table 3 this component is included in the column “other”.

6 Species and weight transferred

The vessel contained 222.392 tonnes of tuna products that was transhipped during the CV's previous IOTC voyage. The observer monitored these IOTC transhipments.

The total declared weight of all species transferred during the ICCAT voyage is shown in **¡Error! No se encuentra el origen de la referencia.** and a breakdown by transhipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	0.35	0.02%	0.45	0.03%
Albacore	<i>Thunnus alalunga</i>	N	1.00	0.06%	0.96	0.06%
Albacore	<i>Thunnus alalunga</i>	S	0.05	0.00%	0.12	0.01%
Albacore	<i>Thunnus alalunga</i>	Unk	0.01	0.00%	0.03	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	2.71	0.16%	2.59	0.16%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	6.72	0.41%	6.56	0.41%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	14.08	0.85%	14.35	0.89%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	1.30	0.08%	1.60	0.10%
Atlantic sailfish	<i>Istiophorus albicans</i>	NW	0.97	0.06%	0.93	0.06%
Bigeye tuna	<i>Thunnus obesus</i>	All	1218.11	73.94%	1262.93	78.29%
Dolphinfish	<i>Coryphaena hippurus</i>	NW	0.33	0.02%	0.44	0.03%
Mixed Tunas		All	159.63	9.69%	0.00	0.00%
Other fish Unclassified		Unk	3.31	0.20%	3.11	0.19%
Opah	<i>Lampris guttatus</i>	All	0.48	0.03%	0.33	0.02%
Opah	<i>Lampris guttatus</i>	NE	0.12	0.01%	0.12	0.01%
Opah	<i>Lampris guttatus</i>	NW	0.87	0.05%	0.83	0.05%
Skipjack tuna	<i>Katsuwonus pelamis</i>	NW	0.01	0.00%	0.01	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.34	0.02%	0.34	0.02%
Striped marlin	<i>Tetrapturus audax</i>	NW	0.09	0.01%	0.21	0.01%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.13	0.01%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	3.20	0.19%	2.89	0.18%
Swordfish	<i>Xiphias gladius</i>	N	13.18	0.80%	12.18	0.75%
Swordfish	<i>Xiphias gladius</i>	S	5.56	0.34%	4.64	0.29%
Swordfish	<i>Xiphias gladius</i>	Unk	0.38	0.02%	0.40	0.02%
Various sharks nei	<i>Selachimorpha(Pleurotre mata)</i>	SW	0.55	0.03%	0.47	0.03%
Wahoo	<i>Acanthocybium solandri</i>	All	0.25	0.02%	0.19	0.01%
Wahoo	<i>Acanthocybium solandri</i>	NE	0.07	0.00%	0.09	0.01%
Wahoo	<i>Acanthocybium solandri</i>	NW	0.26	0.02%	0.51	0.03%
Yellowfin tuna	<i>Thunnus albacares</i>	All	214.16	13.00%	296.60	18.39%

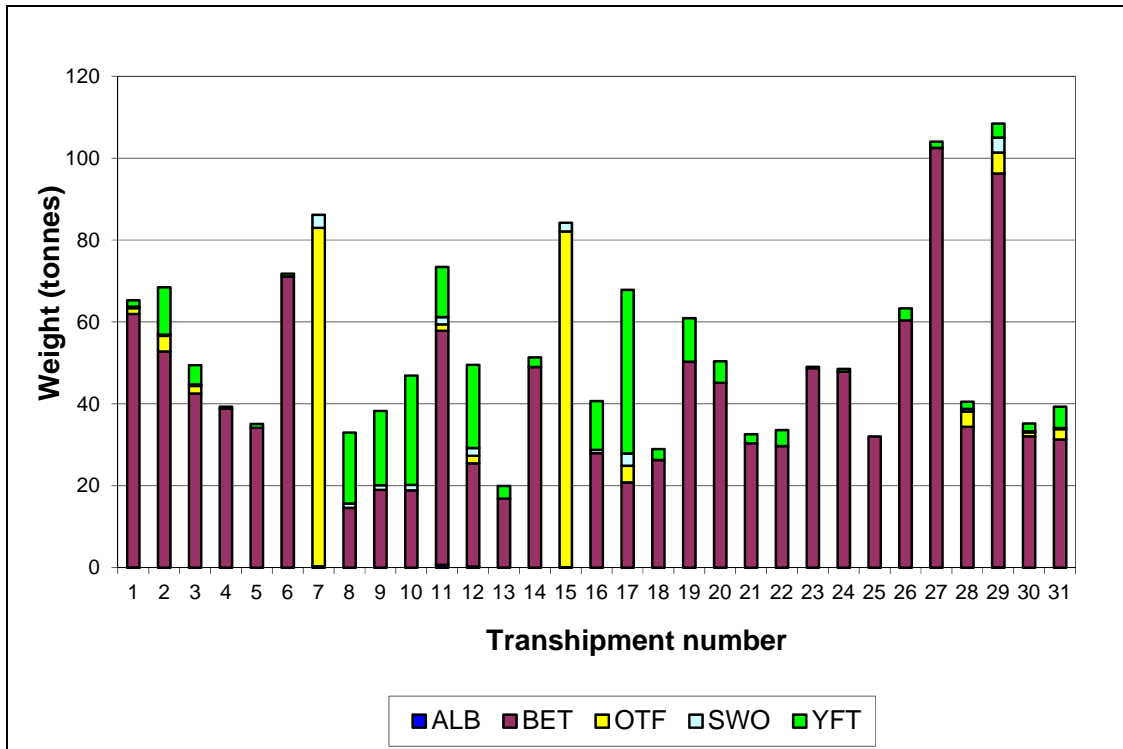


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish Unclassified		31.25
Albacore	<i>Thunnus alalunga</i>	19.12
Atlantic blue marlin	<i>Makaira nigricans</i>	91.87
Atlantic sailfish	<i>Istiophorus albicans</i>	18.26
Bigeye tuna	<i>Thunnus obesus</i>	56.70
Dolphinfish	<i>Coryphaena hippurus</i>	6.42
Mixed Tunas		45.54
Opah	<i>Lampris guttatus</i>	11.29
Skipjack tuna	<i>Katsuwonus pelamis</i>	4.67
Striped marlin	<i>Tetrapturus audax</i>	22.16
Swordfish	<i>Xiphias gladius</i>	51.88
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	39.50
Wahoo	<i>Acanthocybium solandri</i>	7.95
Yellowfin tuna	<i>Thunnus albacares</i>	46.28

Comments:

The dominant observed species recorded were big-eye tuna (*T. obesus*), yellowfin tuna (*T. albacares*), Atlantic blue marlin (*Makaira nigricans*) and swordfish (*Xiphias gladius*). These species represented 78.29%, 18.39%, 1.56% and 1.25% of the total declared weight transhipped. Other species observed were albacore tuna (*Thunnus alalunga*), striped marlin (*Tetrapturus audax*), dorado (*Coryphaena hippurus*), opah (*Lampris guttatus*), Wahoo (*Acanthocybium solandri*), skipjack tuna (*Katsuwonus pelamis*) and Atlantic sailfish (*Istiophorus albicans*).

The big-eye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) were gilled and gutted with tail removed (GG). Swordfish (*X. gladius*), and Billfish (*Istiophoridae*), except for striped marlin (*T. Audax*), were in a headed, gutted and tailed, (HGT), product state. One exception was the Atlantic blue marlin (*M. nigricans*) transhipped during transshipment number 17 which was gilled and gutted with tail removed, (GG). All the striped marlin (*T. Audax*) were gilled and gutted with tail removed, (GG). Sharks (*Selachimorpha* (*Pleurotremata*), was transhipped on one occasion and that was filleted. Albacore tuna (*T. alalunga*) and skipjack tuna (*K. pelamis*) were whole (RD). Dorado (*C. hippurus*), Opah (*L. Guttatus*), and wahoo (*A. solandri*) were headed gutted and tailed.

Two transshipment methods were observed during the voyage:

Method 1: The fish were transhipped directly from the LSPLVs fish hold to the receiving hold of the carrier vessel or to an awaiting rail mounted cart which was used to transport the fish to the CV's designated receiving hold. Sixteen of the 31 transshipments were transhipped in this manner. This method transferred the fish at great speed and the observer usually had minimal time to determine the content of each string. On 2 occasions, (transshipment numbers 7 and 15), the observer used the "MIX" species code for "mixed tuna" to incorporate both yellowfin (*T. albacares*) and big-eye tuna (*T. obesus*). The strings of these transshipments were too large and mixed with both species of similar size making it impossible to accurately distinguish between the two species.

Method 2: The fish were first hauled from the LSPLV hold to the LSPLV hauling deck before being hooked to the CV's crane. During this process, the fish spread out on the deck, allowing a more accurate estimation. The fish was then hooked onto a crane and transferred to the receiving fish hold of the CV. Fifteen of the 31 transshipments were transhipped in this manner.

The Carrier Vessel did not make use of a hook scale to derive an independent weight or number of fish transhipped. The quantities provided by the LSTLV were used for the transshipment declaration. Independent estimates of unit weights were also obtained from the chief officer and the boson, who estimated the fullness, or the level of the product in the hold and estimated the weight of the individual fish during the temperature sampling. The observer's average weights for the different species were all based on the LSPLV's declared quantities and weights. The exception was transshipment 17 where the average weights declared by the LSPLV for the species striped marlin (*T. Audax*) and wahoo (*A. solandri*) were clearly very inflated. In this instance the observer used an observer derived estimated weight of 22 kilograms and 9.8 kilograms respectively.

7 Southern bluefin tuna transshipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment

8 LSTLV Checks

Checks were carried out by the observer on the following vessels.

Table 6 Summary of inspections made on-board LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF				VMS			Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	06/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	05/01/17
2			Yes	08/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	07/01/17
3			Yes	09/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	No	Yes	EL	08/01/17
4			Yes	12/01/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	11/01/17
5			Yes	12/01/17	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	11/01/17
6			Yes	13/01/17	Yes	Yes	Yes	Yes	Yes	08/09/18	Yes	Yes	Yes	Yes	Yes	PB	12/01/17
7			Yes	18/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	17/01/17
8			Yes	19/01/17	Yes	Yes	Yes	Yes	Yes	08/06/18	Yes	Yes	Yes	Yes	Yes	PB	18/01/17
9			Yes	19/01/17	Yes	Yes	Yes	Yes	Yes	31/07/20	Yes	Yes	Yes	Yes	Yes	PB	18/01/17
10			Yes	20/01/17	Yes	Yes	Yes	Yes	Yes	10/04/17	Yes	Yes	Yes	Yes	Yes	PB	19/01/17
11			Yes	22/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	20/01/17
12			Yes	23/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	22/01/17
13			Yes	24/01/17	Yes	Yes	No	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	23/01/17
14			Yes	24/01/17	Yes	Yes	No	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	23/01/17
15			Yes	26/01/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	24/01/17
16			Yes	02/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	01/02/17
17			Yes	05/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	04/02/17
18			Yes	09/02/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	08/02/17
19			Yes	09/02/17	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	08/02/17
20			Yes	10/02/17	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	09/02/17

No	Name	Flag	Boarded	Date	Markings correct			ATF				VMS			Logbook		
					Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
21			Yes	13/02/17	Yes	Yes	Yes	Yes	Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	PB	12/02/17
22			Yes	13/02/17	Yes	Yes	Yes	Yes	Yes	05/06/20	Yes	Yes	Yes	Yes	Yes	PB	12/02/17
23			Yes	14/02/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	14/02/17
24			Yes	14/02/17	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	14/02/17
25			Yes	17/02/17	Yes	Yes	Yes	Yes	Yes	05/08/19	Yes	Yes	Yes	Yes	Yes	PB	16/02/17
26			Yes	17/02/17	Yes	Yes	Yes	Yes	Yes	06/09/19	Yes	Yes	Yes	Yes	Yes	PB	16/02/17
27			Yes	19/02/17	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Yes	Yes	Yes	Yes	PB	19/02/17
28			Yes	21/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	20/02/17
29			Yes	21/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	20/02/17
30			Yes	22/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	No	Yes	EL	20/02/17
31			Yes	22/02/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	20/02/17

Comments:

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Transshipment numbers 3 and 30- The power light of the VMS unit on board the LSPLV was not illuminated. The observer issued a PNC report for a VMS not functioning (VNL).

Transshipment number 4- The National Registration Number (NRN) was not displayed on the superstructure of the LSPLV and the observer recorded it as “Unknown”.

Transshipment numbers 13 and 14- The NRN of the LSPLVs were partially displayed and did not concur with the NRN found in the provided ICCAT vessel list.

Transshipment number 22- The name marking on the stern of the LSPLV was faded and barely legible at close range. The observer issued a PNC report- IIM.

Table 7 Comments from inspection

No	Comments
3	<p>The power light of the Argos MARGE V2 VMS unit on board the LSPLV was not illuminated. The captain of the LSPLV informed the observer that the power light on the VMS unit had not been illuminated for the last 20 days. The vessel's company and the authority in Cape Town, South Africa were informed. The captain claimed he received confirmation that the signal was still being transmitted and received by the authorities indicating that it was faulty light. The captain could not produce any documentation to demonstrate this claimed confirmation for the functionality of the VMS. The observer issued a PNC report- VNL. The Captain of the LSPLV received a copy of both the inspection and PNC reports.</p> <p>Figure 3 VMS unit on board the xx</p>
4	<p>The LSPLVs National Registry Number (NRN) was not displayed on vessel. However, the Authorisation to Fish (ATF) reflected the NRN the same as on ICCAT record in the vessels.</p>
5	<p>The power light to the VMS unit (Argos MARGE V2) on board the LSPLV was not illuminated. The power light of the power supply unit to the VMS was illuminated and functional. The observer traced the electric cables running from this power supply unit directly to the power switch fitted next to the VMS unit. The power switch was switched on.</p> <p>Figure 4 VMS unit on board the xx</p> <p>The national observer, was on board the LSPLV and had been on board for four months. He informed the ICCAT observer that the VMS unit probably had a faulty light bulb and that the LSPLV had confirmation from their flag state that the VMS unit is in working condition. The ICCAT observer did not issue a PNC report.</p>
8	<p>The LSPLV was fitted with an Argos MARGE V2 and a CLS Thorium TST-100 VMS units. Both units were switched on with the VMS power lights illuminated.</p>
13	<p>A power switch was fitted next to the Argos CLS LEO VMS fitted to the LSPLV. The power switch was switched on and the power light of the VMS unit was illuminated.</p> <p>Figure 5 VMS unit and accompanying power switch fitted to the xx</p> <p>The LSPLV's NRN was partially displayed on the starboard side of the vessel. This did not concur with the NRN- listed in the provided ICCAT vessel list. The LSPLV's NRN reflected in the ATF was the same as the NRN provided by the ICCAT list.</p>

14	<p>A power switch was fitted next to the Argos (CLS) LEO VMS unit on board the LSPLV. The power switch was switched on and the power light of the VMS unit was illuminated.</p> <p>Figure 6 VMS unit and accompanying power switch fitted to the xx</p> <p>The LSTLV's NRN was partially displayed on the starboard side of the vessel. This did not concur with the NRN- " listed in the provided ICCAT vessel list. The LSPLV's NRN reflected in the ATF was the same as the NRN provided by the ICCAT list.</p>
20	<p>The LSPLV was fitted with two Thrane&Thrane (Sailor) Capsat TT-3022D VMS units. Both units were switched on. Both units were clearly marked with ID numbers as per listed on the LSPLVs ATF.</p>
21	<p>The national observer was on board the LSPLV and had been on board for six months.</p>
22	<p>The name marking of the LSPLV on the stern of the vessel was partially worn away and barely legible at close range. The observer issued a PNC report (code IMM). The name marking on the bow of the hull of the LSPLV was correct. The Captain of the LSPLV received a copy of both the inspection and PNC reports.</p> <p>Figure 7 Worn stern markings of the xx</p>
29	<p>The LSPLV did not display the IRCS on the starboard or the port sides of the vessel. The IRCS was displayed on the forecastle deck of the LSPLV but was only visible from above. The crew members indicated they were busy with painting maintenance and the boards displaying the IRCS were not fitted to the railings of the LSPLV during the transshipment.</p> <p>Figure 8 The xx without IRCS markings.</p>
30	<p>The power light of the Argos VMS unit was not illuminated. This was the second time the LSPLV was transhipped during this voyage. The captain indicated the vessel was steaming to Cape Town and the VMS would be repaired when in port. The observer issued PNC report (VNL). The Captain of the LSPLV received a copy of both the inspection and the PNC report.</p> <p>Figure 9 VMS unit on board the xx</p>

Table 8 PNC reports issued during the voyage

PNC No	Date	LSPLV	ICCAT No.	PNC
1	09/01/2017			VNL
2	13/02/2017			IIM
3	22/02/2017			VNL

Comments:

The observer made 3 Potential Non Compliance (PNC) reports.

Transshipment numbers 3 and 30- The power light of the VMS unit (Argos MARGE V2) on board the LSPLV was not illuminated. The observer issued PNC report- VNL.

Transshipment number 22- The name marking of the LSPLV on the stern of the vessel was partially faded and barely legible at close range. The observer issued PNC report- VNL.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a waste management plan in place. All the waste was separated and stored in colour coded drums that were clearly stencilled for different types of waste. The sorted vessel waste was retained for land disposal. Galley food scraps were disposed of over the side after every mealtime or at least once a day. Plastic paper cardboard boxes and other likely materials were incinerated and incinerator ashes were retained for land disposal.



Figure 10 CV Waste Management

9.2 Unidentified or IUU vessels

No IUU vessels were observed.

9.3 Marine mammals.

No marine mammals were observed or sighted.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non-ROP cargo Transhipments (High Seas)

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		06/01/2017	10 ⁰ 02.797'S	04 ⁰ 56.871'E	Transhipped general cargo and fuel.	Yes
		07/01/2017	06 ⁰ 57.592'S	04 ⁰ 20.360'E	Transhipped general cargo and bait.	Yes
		07/01/2017	06 ⁰ 53.174'S	04 ⁰ 19.195'E	Transhipped bait.	Yes
		08/01/2017	07 ⁰ 36.521'S	03 ⁰ 46.985'E	Transhipped general cargo and oil.	Yes
		12/01/2017	05 ⁰ 56.729'S	09 ⁰ 44.322'W	Transhipped general cargo.	Yes
		17/01/2017	03 ⁰ 53.261'N	21 ⁰ 01.139'W	Transhipped general cargo and bait.	Yes
		18/01/2017	05 ⁰ 26.342'N	20 ⁰ 03.060'W	Transhipped general cargo and fuel.	Yes
		21/01/2017	08 ⁰ 24.846'N	20 ⁰ 32.270'W	Transhipped general cargo.	Yes
		21/01/2017	08 ⁰ 24.906'N	20 ⁰ 32.548'W	Transhipped general cargo.	Yes
		21/01/2017	08 ⁰ 24.314'N	20 ⁰ 32.898'W	Transhipped general cargo.	Yes
		25/012017	06 ⁰ 23.019'N	27 ⁰ 51.185'W	Transhipped general cargo.	Yes
		04/02/2017	08 ⁰ 29.819'N	20 ⁰ 31.370'W	Transhipped dry cargo.	Yes
		04/02/2017	08 ⁰ 28.771'N	20 ⁰ 20.261'W	Transhipped dry cargo and frozen foods.	Yes
		05/02/2017	07 ⁰ 01.433'N	17 ⁰ 57.553'W	Bunkering 75 KL of fuel.	Yes
		06/02/2017	04 ⁰ 39.969'N	20 ⁰ 28.812'W	Bunkering 150 KL of fuel.	Yes
		06/02/2017	04 ⁰ 38.482'N	20 ⁰ 27.715'W	Bunkering 150 KL of fuel.	Yes
		16/02/2017	05 ⁰ 44.503'S	10 ⁰ 50.972'W	Transhipped bait.	Yes
		20/02/2017	10 ⁰ 59.567'S	03 ⁰ 32.177'W	Transferred one passenger to the CV.	Yes

Comments:

* LSPLV transhipped twice. (ROP and Non-ICCAT)

Appendix 2 In-port fish transhipments

No	Date	Name	RFMO No	Latitude	Longitude	Bluefin tuna	Bigeye	Yellowfin	Swordfish	Other	Total
12	29/01/17			16°52.920'N	25°00.453'W	42.066	84.471	46.311	8.243	21.579	202.670
13	31/01/17			16°52.908'N	25°00.450'W	42.060	56.194	20.616	1.452	0.00	120.322

The CV captain and the captain of the LSPLVs supplied the observer with all relevant information such as tag colour, tag number, LSPLVs information and copies of the transhipment declaration and the "ICCAT Bluefin Tuna Catch Document" (BCD).

LSPLV- xx

The northern bluefin tuna (*T. thynnus*) were tagged with green tags. The tag series numbers ranged from JINE-16-0001 to JINE-16-0259 (259 fish). The tag number consisted of the LSPLV call sign, a two-digit year, and tag number. Other wording on the tag was "FY2016 East Atlantic Bluefin". This transhipment was not observed as it was an in-port transhipment.

LSPLV- xx

The northern bluefin tuna (*T. thynnus*) were tagged with green tags. The tag series numbers ranged from JJVU-16-0001 to JJVU-16-0263 (263 fish). The tag number consisted of the LSPLV call sign, a two-digit year, and tag number. Other wording on the tag was "FY2016 East Atlantic Bluefin". This transhipment was not observed as it was an in-port transhipment.

ICCAT

Observer Report



Trip Number:	195/17
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000LBR00003
Observer Name:	MAURICE O MALLEY
Cruise Dates:	From: 18/02/2017 To: 24/04/2017

1 Cruise Summary

In accordance with the bilateral agreement between *MRS Corporation* and *MRAG, Maurice O Malley (128)* joined the *Liberian* registered Carrier Vessel (CV) *CHIKUMA (AT000LBR00003)* as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 18/02/2017 to 24/04/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	CHIKUMA	Call sign:	D5JI4
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	OCEANWIDE SHIPPING S.A.	Charterer:	MRS CORPORATION
Vessel type:	REFREGERATED CARGO CARRIER	Hold capacity:	2930 TONS
Size (GRT):	6558 TONS	Length (LOA):	134.15M
Position fixing equipment:	FURUNO GPS NAVIGATOR GP-150		
Vessel monitoring system (present/absent):	CLS LEO		
Radar:	FURUNO RCU - 014		
Communications equipment:	INMARSAT RC-1800F2,		
Plotters:	FURUNO GPS NAVIGATOR GP-150		
Tuna products already on board (Quantity)	NONE		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Panama City
Date of embarkation	18/02/2017
Method of embarkation*	Launch in Port
Date of departure	19/02/2017
Date of first transshipment	01/03/2017
Date of last transshipment	17/04/2017
Date of return	24/04/2017
Date of disembarkation	24/04/2017
Method of disembarkation*	Launch in Port
Port of return	Cristobol

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 43 transhipments at sea, the locations are shown in detail in

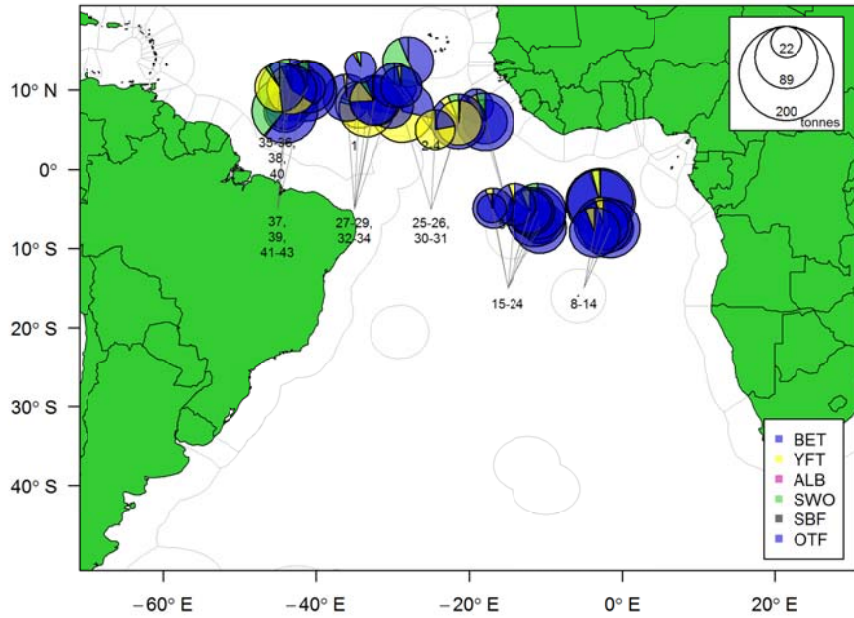


Figure 1, the numbers received by nationality of vessel are given in Table 1.

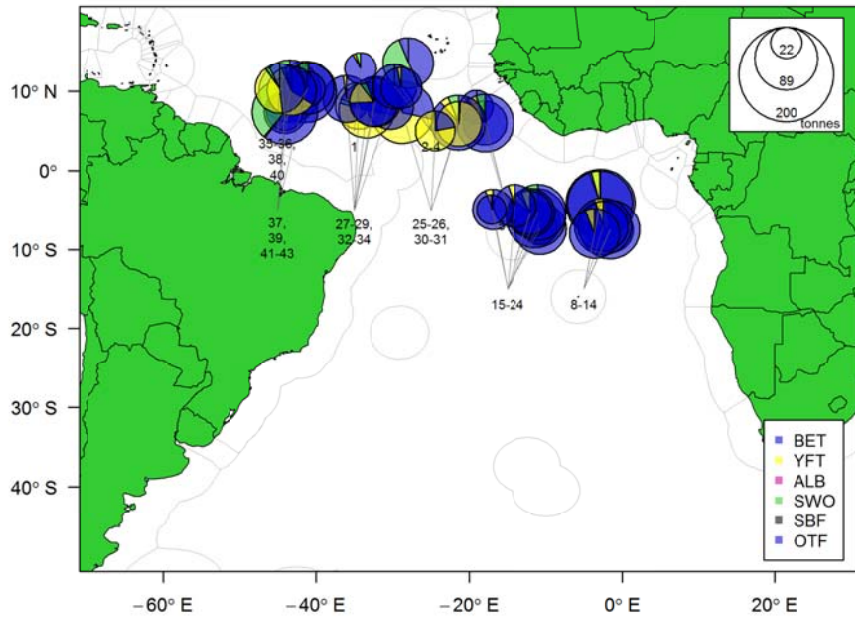


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	7
XXX	17
XXX	2
XXX	10
XXX	4
XXX	3

Comments:

Five non ROP transhipments occurred during this deployment. One in Cristobol anchorage 02/03/2017, between the xxxflagged xxx and CV CHIKUMA, Spp. transhipped unknown. Two transhipments occurred on the 04/03/2017 and a further two on the 05/03/2017, in the harbour of Sao Vicente in the Cape Verde Islands. Between 4 xxx flagged vessels and the CV CHIKUMA. These vessels where in order of transhipment, the xxx, xxx xxx and xxx. These transhipments included 196.15 tons of Eastern Bluefin Tuna as recorded in the LSPLVs pre transhipment declarations to the CV.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspect	Date	Latitude	Longitude	Transhipment time	% Observed
1				Y	01/03/2017	12°52.92 N	034°11.79 W	01:35	100
2				Y	06/03/2017	13°33.856 N	027°57.575 W	04:00	100
3				Y	07/03/2017	10°36.029 N	029°44.547 W	05:10	100
4				Y	08/03/2017	10°24.96 N	028°51.456 W	03:50	100
5				Y	10/03/2017	07°59.92 N	019°04.13 W	02:40	100
6				Y	11/03/2017	05°58.85 N	017°58 W	05:05	100
7				Y	11/03/2017	05°58.55 N	017°55.73 W	02:20	100
8				Y	15/03/2017	04°09.018 S	002°50.032 W	02:45	100
9				Y	15/03/2017	04°07.24 S	002°53.35 W	04:55	100
10				Y	16/03/2017	07°29.88 S	001°32.53 W	03:10	100
11				Y	16/03/2017	07°27.17 S	001°36.32 W	03:25	100
12				Y	17/03/2017	07°04.25 S	002°29.162 W	04:50	100
13				Y	17/03/2017	07°01.81 S	002°31.44 W	03:05	100
14				Y	18/03/2017	07°56.85 S	003°35.76 W	05:45	100
15				Y	20/03/2017	06°38.015 S	010°42.85 W	05:10	100
16				Y	21/03/2017	07°20.23 S	010°38.09 W	02:35	100
17				Y	21/03/2017	07°17.6 S	010°39.22 W	01:25	100
18				Y	22/03/2017	06°00.02 S	011°15.42 W	05:30	100
19				Y	23/03/2017	05°17.09 S	010°57.06 W	02:45	100
20				Y	24/03/2017	05°19.618 S	011°55.655 W	02:25	100
21				Y	24/03/2017	05°18.69 S	011°58.44 W	02:25	100

22			Y	25/03/2017	04°27.36 S	013°59.5 W	01:25	100
23			Y	26/03/2017	04°54.68 S	016°55.27 W	04:05	100
24			Y	26/03/2017	04°54.64 S	017°06.11 W	02:15	100
25			Y	30/03/2017	06°01.442 N	021°25.451 W	03:00	100
26			Y	30/03/2017	05°51.62 N	021°20.99 W	03:00	100
27			Y	03/04/2017	09°00.81 N	036°00.66 W	07:25	100
28			Y	04/04/2017	08°08.51 N	034°26.21 W	05:05	100
29			Y	05/04/2017	07°36.35 N	033°23.2 W	02:55	100
30			Y	07/04/2017	04°59.51 N	024°26.537 W	03:45	100
31			Y	09/04/2017	07°18.82 N	028°40.36 W	05:45	100
32			Y	10/04/2017	08°05.715 N	030°17.255 W	04:00	100
33			Y	11/04/2017	08°41.33 N	032°14.67 W	06:05	100
34			Y	11/04/2017	08°37.22 N	032°26.78 W	04:25	100
35			Y	13/04/2017	10°20.02 N	040°59.35 W	04:40	100
36			Y	13/04/2017	10°16.48 N	041°05.92 W	02:20	100
37			Y	14/04/2017	09°54.65 N	041°20.35 W	06:05	100
38			Y	15/04/2017	10°02.99 N	043°09.62 W	06:55	100
39			Y	15/04/2017	09°59.87 N	043°24.05 W	04:10	100
40			Y	16/04/2017	10°20.54 N	044°41.9 W	03:00	100
41			Y	17/04/2017	07°20.71 N	044°00.3 W	04:05	100
42			Y	17/04/2017	07°23.07 N	044°02.09 W	02:50	100
43			Y	17/04/2017	07°24.76 N	044°03.84 W	01:35	100

Comments: All transshipments were observer 100% and all vessels which arrived alongside for ROP transshipments were inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	18.722	24.961	0.025	0	0.655	0.797	2.055	4.389	21.457	30.147	8.69	28.83
2	38.59	52.094	3.387	3	6.409	3.484	2.042	0.406	50.428	58.984	8.56	14.51
3	90.691	90.79	4.069	5.465	5.732	5.305	0	0	100.492	101.56	1.07	1.05
4	73.744	81.335	3.266	5.035	5.75	5.75	0	0	82.76	92.12	9.36	10.16
5	0.502	0.502	57.269	61.234	0	0	0	0	57.771	61.736	3.97	6.42
6	15.975	33.799	76.351	74.36	4.026	2.256	1.347	5.797	97.699	116.212	18.51	15.93
7	10.24	10.478	35.945	37.232	0	0	0	0	46.185	47.71	1.53	3.20
8	49.236	19.326	6.172	45.967	0	1.182	1.182	0	56.59	66.475	9.89	14.87
9	23.654	26.33	42.126	48.913	2.26	2.193	13.103	17.581	81.143	95.017	13.87	14.60
10	60.808	66.28	0.802	1.447	0	0	0	0	61.61	67.727	6.12	9.03
11	60.697	65.148	0.544	0.87	0	0	0	0	61.241	66.018	4.78	7.24
12	75.564	77.44	1.167	1.167	0	0	0	0	76.731	78.607	1.88	2.39
13	50.328	54.219	8.479	11.094	4.266	3.025	4.284	4.474	67.357	72.812	5.46	7.49
14	116.351	113.569	0.704	1.603	0	0	0	0	117.055	115.172	-1.88	-1.63
15	54.934	59.109	0.128	0.257	56.283	58.599	0	0	111.345	117.965	6.62	5.61
16	53.567	54.327	0.504	0.84	0	0	0	0	54.071	55.167	1.1	1.99
17	39.759	41.322	0.124	0.206	0	0	0	0	39.883	41.528	1.65	3.96
18	76.609	78.619	0.814	1.199	68.272	50.595	0	0	145.695	130.413	-15.28	-11.72
19	31.809	33.133	0.375	0.488	37.656	39.694	4.283	4.672	74.123	77.987	3.86	4.95
20	56.376	60.142	0	0	0	0	0	0	56.376	60.142	3.77	6.26
21	49.442	50.229	1.18	1.79	0	0	0	0	50.622	52.019	1.4	2.69
22	27.315	28	0.619	0.788	1.708	1.64	0	0	29.642	30.428	0.79	2.58
23	75.7	74.21	0.6	1.1	3.922	4.903	0	0	80.222	80.213	-0.01	-0.01
24	37.499	37.448	0.482	0.536	0	0	0	0	37.981	37.984	0	0.01
25	20.303	25.545	45.596	43.743	1.5	1.333	2.523	3.525	69.922	74.146	4.22	5.70
26	32.154	36.245	31.343	31.05	1.665	1.737	5.307	5.66	70.469	74.692	4.22	5.65
27	117.407	135.361	2.047	1.813	16.961	5.628	2.348	0.873	138.763	143.675	4.91	3.42

28	119.315	122.196	4.293	5.759	0	0	0	0	123.608	127.955	4.35	3.40
29	54.778	56.276	0.525	0.612	4.682	6.074	0	0	59.985	62.962	2.98	4.73
30	82.24	85.738	11.438	18.265	1.46	1.253	0.582	0.897	95.72	106.153	10.43	9.83
31	89.608	93.168	8.169	5.3	0	0	0	0	97.777	98.468	0.69	0.70
32	71.63	72.581	1.828	3.482	0	0	0	0	73.458	76.063	2.61	3.42
33	59.432	71.726	2.837	4.576	0	0	0	0	62.269	76.302	14.03	18.39
34	48.063	48.267	2.764	3.3	0	0	0	0	50.827	51.567	0.74	1.44
35	78.012	78.565	1.686	3.847	0	0	0	0	79.698	82.412	2.71	3.29
36	45.504	32.6	1.48	2.4	0	0	0	0	46.984	35	-11.98	-34.24
37	97.232	98.706	3.739	9.263	1.726	1.53	0	0	102.697	109.499	6.8	6.21
38	82.584	87.609	2.564	2.719	5.774	5.834	0	0	90.922	96.162	5.24	5.45
39	51.231	61.764	2.582	3.329	6.828	6.828	0	0	60.641	71.921	11.28	15.68
40	52.776	54.875	2.821	3.701	0	0	0	0	55.597	58.576	2.98	5.09
41	55.059	53.626	4.961	2.97	0	0	0	0	60.02	56.596	-3.42	-6.05
42	43.995	47.393	1.767	3.142	0	0	0	0	45.762	50.535	4.77	9.44
43	25.666	26.636	2.214	0	0	0	0	0	27.88	26.636	-1.24	-4.67

Comments:

Transshipment 1 showed a percentage difference of 28.83%. The observer believes this difference is due to less fish being transhipped than expected based on LSPLVs pre trans declaration to the carrier vessel. Also because the observer was obliged to use the vessels numbers and weights to derive averages in the absence of the use of a hook scale during transshipment, this led to a lower average weight used when calculating total observed weights. The observer estimated by eye that average weights seen were higher than those which the LSPLVs numbers would suggest. Eg. BET av. kg based on LSPLVs numbers was 25kg, observer believes an est. of 34-45kg would have been more accurate.

Transshipment 2 showed a percentage difference of 14.51%. Many bags of unidentifiable tuna chunks transhipped during this transshipment. This obscured an accurate numbers count and in turn this made an accurate weight estimation less reliable. Very dense strings, light conditions and heavy steam coming off the fish further hampered accurate counting. Also based on the LSPLVs pre trans declaration, the vessel transhipped fewer pieces than expected. All this factors led to the percentage difference between vessel and observer figures.

Transshipment 3 showed a percentage difference of 10.16%. based on the LSPLVs pre trans declaration, the vessel transhipped fewer pieces than expected of BET and YFT.

Transshipment 6 showed a percentage difference of 15.93%. based on the LSPLVs pre trans declaration, the vessel transhipped significantly fewer pieces than expected of BET. With half the expected ALB seen. Also about half of the OTF category of fish were seen during this transshipment.

Transshipment 8 showed a percentage difference of 14.87%. Fewer YFT & more BET than expected seen, based on the LSPLV's pre trans declaration. Large strings and fewer pieces seen transhipped may have led to the difference between observed pieces and expected.

Transshipment 9 showed a percentage difference of 14.60%. Very large, dense, hard to count strings.

Transshipment 18 showed a percentage difference of -11.72%. Difference is due to more pieces being transhipped by the LSPLV than expected based on the pre trans declaration made by the LSPLV. Significantly more SWO were transhipped than expected.

Transshipment 33 showed a percentage difference of 18.39%. Difference is due to less pieces of BET and YFT being transhipped than expected based on the pre trans declaration of the LSPLV.

Transshipment 36 showed a percentage difference of -34.24%. More pieces were transhipped than expected based on the LSPLV's pre trans declaration. Originally this vessel was expected to tranship 74 tons. This was changed on the day of transshipment by the CV captain and scaled back to 35 tons. The percentage difference is probably a result of over transshipment by LSPLV based on this change as the LSPLV captain didn't really appear to have a clue what he was sending over during inspection by observer and was relying on just sending everything over prior to change. Observer believes that LSPLV captain then just kept transshipping to the CV until told to stop.

Transshipment 39 showed a percentage difference of 15.68%. Less BET transhipped than expected based on the LSPLV's pre trans declaration.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Bigeye tuna	<i>Thunnus obesus</i>	All	2415.1	78.63	2521.69	77.99
Yellowfin tuna	<i>Thunnus albacares</i>	All	379.79	12.36	453.86	14.04
Tunas nei	Thunnini	All	1.52	0.05	1.1	0.03
Albacore	<i>Thunnus alalunga</i>	All	3.58	0.12	0	0.00
Albacore	<i>Thunnus alalunga</i>	N	0	0.00	7.44	0.23
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.04	0.00	0.09	0.00
Swordfish	<i>Xiphias gladius</i>	All	231.8	7.55	0	0.00
Swordfish	<i>Xiphias gladius</i>	N	5.73	0.19	45.36	1.40
Swordfish	<i>Xiphias gladius</i>	S	0	0.00	164.28	5.08
Atlantic blue marlin	<i>Makaira nigricans</i>	All	11.34	0.37	15.44	0.48
Atlantic sailfish	<i>Istiophorus albicans</i>	All	5.62	0.18	2.94	0.09
Striped marlin	<i>Tetrapturus audax</i>	All	0.64	0.02	0.58	0.02
Marlins,sailfishes, etc. nei	Istiophoridae	All	0.13	0.00	0.6	0.02
Oilfish	<i>Ruvettus pretiosus</i>	All	4.58	0.15	5.42	0.17
Opah	<i>Lampris guttatus</i>	All	2.65	0.09	0	0.00
Pomfret	<i>Brama brama</i>	All	0.25	0.01	0	0.00
Dolphinfish	<i>Coryphaena hippurus</i>	All	1.71	0.06	0	0.00
Mako sharks	Isurus spp	All	1.15	0.04	0	0.00
Other fish	Unclassified	All	7.17	0.23	14.67	0.45

Figure 2 [not provided]

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Bigeye tuna	<i>Thunnus obesus</i>	45.35
Yellowfin tuna	<i>Thunnus albacares</i>	45.06
Tunas nei	Thunnini	40
Skipjack tuna	<i>Katsuwonus pelamis</i>	5
Albacore	<i>Thunnus alalunga</i>	21.17
Swordfish	<i>Xiphias gladius</i>	64.16
Atlantic blue marlin	<i>Makaira nigricans</i>	96.09
Striped marlin	<i>Tetrapturus audax</i>	49.08
Atlantic sailfish	<i>Istiophorus albicans</i>	17.96
Marlins,sailfishes,etc. nei	Istiophoridae	8.73
Oilfish	<i>Ruvettus pretiosus</i>	8.89
Opah	<i>Lampris guttatus</i>	22.42
Pomfret	<i>Brama brama</i>	11.55
Dolphinfish	<i>Coryphaena hippurus</i>	24.46
Mako sharks	Isurus spp	38.4

Comments: The Main product types seen during this deployment was gilled and gutted followed by Dressed or head off with some other fish and unidentified miscellaneous fish parts transhipped as fillets, chunks or in bags.

Species which were transhipped entirely as gilled and gutted were Big eye tuna (*Thunnus obesus*) and Yellowfin tuna (*Thunnus albacares*) and Stripped marlin (*Tetrapturus audax*).

Other species which were transhipped dressed included Swordfish (*Xiphias gladius*), Atlantic Blue marlin (*Makaira nigricans*), Atlantic Sailfish (*Istiophorus albicans*), Oilfish (*Ruvettus pretiosus*), Mako (*Isurus spp.*) and Opah (*Lampris guttatus*).

Other species came across whole, These included Albacore (*Thunnus alalunga*), Dolphinfish (*Coryphaena hippurus*), skipjack (*Katsuwonus pelamis*) and Pomfrete (*B. brama*).

The observer counted the number of pieces and identified down to species level where possible. In cases where the observer believed that they had miscounted a particular string or the string was too thick with fish to count as it passed across, the observer would indicate to the crane operator and the string would be briefly dropped to the deck of the carrier vessel in order to facilitate an accurate count by the observer.

As no other option was available to the observer as neither the LSPLVs nor the carrier vessel employed a scale during transhipment, the observer derived average weights for their calculations from the information provided by the LSPLVs involved in transhipment. In cases where the observer had to calculate weights for spp. not listed by the LSPLVs and where no OTF category was declared, the observer relied on average weights for the particular species in question from the previous transhipment average weights of the following transfer depending on what was available. As no Average weight was provided

for bags of miscellaneous fish pieces transhipped the observer derived average weight estimates by eye.

7 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	01/03/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	28/02/2017
2			Y	06/03/2017	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	N	Y	EL	06/03/2017
3			Y	07/03/2017	Y	Y	Unk	Y	Y	31/12/2017	Y	Y	Y	Y	Y	PB	07/03/2017
4			Y	08/03/2017	Y	Y	Unk	Y	Y	31/12/2017	Y	Y	Y	Y	Y	PB	07/03/2017
5			Y	10/03/2017	Y	Y	Unk	Y	Y	31/12/2017	Y	Y	Y	Y	Y	PB	09/03/2017
6			Y	11/03/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	10/03/2017
7			Y	11/03/2017	Y	Y	Y	Y	Y	31/07/2017	Y	Y	Y	Y	Y	EL	11/03/2017
8			Y	15/03/2017	Y	Y	Y	Y	Y	31/07/2020	Y	Y	Y	Y	Y	PB	15/03/2017
9			Y	15/03/2017	N	Y	Y	Y	Y	12/03/2021	Y	Y	Y	Y	Y	PB	14/03/2017
10			Y	16/03/2017	Y	Y	Unk	Y	Y	10/11/2020	Y	Y	Y	Y	Y	PB	16/03/2017
11			Y	16/03/2017	Y	Y	Y	Y	Y	22/08/2017	Y	Y	Y	Y	Y	PB	15/03/2017
12			Y	17/03/2017	Y	Y	Y	Y	Y	10/12/2017	Y	Y	Y	Y	Y	PB	16/03/2017
13			Y	17/03/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PU	16/03/2017
14			Y	18/03/2017	Y	Y	Y	Y	Y	15/07/2018	Y	Y	Y	Y	Y	PB	17/03/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
15			Y	20/03/2017	Y	Y	Unk	Y	Y	19/03/2017	Y	Y	Y	Y	Y	PB	19/03/2017
16			Y	21/03/2017	Y	Y	Y	Y	Y	08/02/2019	Y	Y	Y	Y	Y	PB	20/03/2017
17			Y	21/03/2017	Y	Y	Unk	Y	Y	01/11/2019	Y	Y	Y	Y	Y	PB	20/03/2017
18			Y	22/03/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	21/03/2017
19			Y	23/03/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	22/03/2017
20			Y	24/03/2017	Y	Y	Unk	Y	Y	24/05/2019	Y	Y	Y	Y	Y	PB	24/03/2017
21			Y	24/03/2017	Y	Y	Unk	Y	Y	15/12/2020	Y	Y	Y	Y	Y	PB	24/03/2017
22			Y	25/03/2017	Y	Y	Y	Y	Y	11/04/2017	Y	Y	Y	Y	Y	PB	24/03/2017
23			Y	26/03/2017	Y	Y	Unk	Y	Y	26/06/2020	Y	Y	Y	Y	Y	PB	25/03/2017
24			Y	26/03/2017	Y	Y	Y	Y	Y	22/12/2018	Y	Y	Y	Y	Y	PB	25/03/2017
25			Y	30/03/2017	Y	Y	Y	Y	Y	11/03/2018	Y	Y	Y	Y	Y	PB	29/03/2017
26			Y	30/03/2017	Y	Y	Unk	Y	Y	21/09/2020	Y	Y	Y	Y	Y	PB	30/03/2017
27			Y	03/04/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	02/04/2017
28			Y	04/04/2017	Y	Y	Unk	Y	Y	18/08/2019	Y	Y	Y	Y	Y	PB	04/04/2017
29			Y	05/04/2017	Y	Y	Y	Y	Y	27/11/2020	Y	Y	Y	Y	Y	PB	05/04/2017
30			Y	07/04/2017	Y	Y	Unk	Y	Y	31/07/2017	Y	Y	Y	Y	Y	PB	06/04/2017
31			Y	08/04/2017	Y	Y	Y	Y	Y	29/04/2019	Y	Y	Y	Y	Y	PB	08/04/2017
32			Y	10/04/2017	Y	Y	Unk	Y	Y	15/10/2019	Y	Y	Y	Y	Y	PB	09/04/2017
33			Y	11/04/2017	Y	Y	Y	Y	Y	01/11/2017	Y	Y	N	N	Y	PB	10/04/2017
34			Y	11/04/2017	Y	Y	Y	Y	Y	01/11/2017	Y	Y	N	N	Y	PB	10/04/2017
35			Y	13/04/2017	Y	Y	Y	Y	Y	31/12/2017	Y	Y	Y	Y	Y	PB	11/04/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
36			Y	13/04/2017	Y	Y	Y	Y	N	01/11/2016	Y	Y	Y	Unk	Y	PB	12/04/2017
37			Y	14/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	13/04/2017
38			Y	15/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	14/04/2017
39			Y	15/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	14/04/2017
40			Y	17/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	15/04/2017
41			Y	17/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	16/04/2017
42			Y	17/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	16/04/2017
43			Y	17/04/2017	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	16/04/2017

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments on LSPLV checks

No	Vessel	Comments
2	XXX	<p>PNC1 VNL: Power light not on. LSPLV captain states that the vessel was heading for Sao Vicente to replace the unit following transshipment just outside the EEZ limit.</p> <p>Figure 3 XXX VMS</p>
3	XXX	<p>Atlantic ocean not directly specified on ATF. Instead the observer inferred it was authorized because it stated pelagic fish as well as the correct ICCAT number on the lisenca.</p>
4	XXX	<p>Atlantic ocean not directly specified on ATF. Instead the observer inferred it was authorized because it stated Longliner as well as the correct ICCAT number on the lisenca. Former vessel name of " XXX " out of BUSAN embossed on the hull.</p>
6	XXX	<p>Oobserver took a copy of the digital logbook page as the windows edition on the computer was old and so it was not possible to zoom out on the screen in order to make enough of the logbook page visible at one time to take a picture that would be of any use.</p>
7	XXX	<p>ARGOS unit appears to have a switch.</p> <p>Figure 4 XXX</p>
8	XXX	<p>PNC2 IIM: Markings on bow & stern covered in dirt & rust. The stern markings are too obscured to read with any ease. Only visible up close. Comment XXX by LSPLV captain about issue. Captain promised to clean the markings so they are visible after transshipment.</p> <p>Figure XXX Stern Markings</p>
9	XXX	<p>PNC3 : Vessel name is " XXX " on stern and " XXX " both should be XXX.</p> <p>Figure 5 XXX Stern Markings</p>

10	XXX	<p>PNC4 : LSPLV captains comment on inspection form. Bow markings dirty and mostly unreadable and callsign on side partly eroded by rust. Captain promised to wash dirt and repaint callsign.</p> <p>Figure 6 XXX Side profile</p>
11	XXX	<p>PNC5 :Comment by LSPLV captain say he will was the dirt of Bow markings.</p> <p>Figure 7 JIIN XXX bow</p>
13	XXX	<p>PNC6 : AIA: First 2 ATFs shown to observer in XXX observer not able to determine area of operation because it was bolted to the wall. 2nd ATF showed that it was for Indian ocean operations. LSPLV captain indiated it was for Atlantic, citing section 3 on the 2nd page. Observer consulted with CV captain and was told this referred to Gibraltar and not to the open ocean and he went to talk to the LSPLV captain about it. CV captain then told observer that he would be requesting an ATF from the vessels fishing company. A valid copy was emailed to the CV and a copy given to the observer 2 days later. LNB: vessel logbook was printed but unbound and there was no computer copy present onboard.</p> <p>Figure 8 XXX Logbook</p>
22	XXX	<p>PNC7 IIM: Callsign issue, " XXX " in callsign easily mistaken for a XXX due to erosion.</p> <p>Figure 9 XXX Side profile</p>

25	XXX	<p>XXX ATT issuer.</p> <p>Figure 10 XXX ATT and ATF</p>
28	XXX	<p>There is a difference in the vessels fishing company name between the vessels documentation & the ATT. Specifically, the vessels "XXX" cites the owning and operating company as "XXX.", The observer also noted the captain using "XXX." Stationary during inspection. This conflicts with the stated operating company cited on the ATT received prior to transshipment by the observer as well as the copy on board the vessel at time of inspection. The ATT related to XXX transshipment indicated the fishing company to be "XXX.". Comment by captain in Chinese on inspection form related to the ATT.</p> <p>Figure 11 ATT and ATF</p>
29	XXX	<p>PNC8 : Callsign & forward markings partially obscured by rust. Captain notified, comment in Chinese on inspection form. Captain agreed to clean markings.</p> <p>Figure 12 XXX Side Profile</p>
31	XXX	<p>PNC9 : VMS UNKNOWN "AIS TRANSPONDER" appears to have an on/off switch. Master not notified as observer noted that the VMS had an on/off switch after transshipment was over during a review of the days photos.</p> <p>Figure 13 XXX Unidentified VMS Unit</p>
32	XXX	<p>PNC10 : "XXX" in call sign part eroded. Bow markings partially obscured by rust. Up close it is difficult to read the "XXX" in the vessel name and can be easily mistaken for "XXX Master notified and he agreed to wash the rust and repaint the call sign so that both are both legible. Master of LSPLV comment about this on inspection form.</p> <p>Figure 14 XXX Bow and Side profile</p>
33	XXX	<p>PNC11 : Observer shown a Polar Star Antenna, but not a Polarstar junction box with power light. ATF company name is Emily Fishery Enterprise, ATT company name Imperial logistic Co. Ltd.</p> <p>Figure 15 XXX ATT and ATF Company name conflict.</p> <p>Figure 16 XXX VMS</p>

34	XXX	<p>PNC12 : Observer shown a Polar Star Antenna, but not a Polarstar junction box with power light. ATF company name is Emily Fishery Entreprise, ATT company name Imperial logistic Co. Ltd.</p> <p>Figure xxx ATT and ATF Company name conflict</p>
37	XXX	<p>PNC15 : IIM: Bow markings partly eroded. "o" in "No." very small, hard to see from distance. Missing from front markings due to erosion. LSPLV captain notified using photos and agreed to repaint the markings.</p> <p>Figure 17 xxx Bow and stern markings</p>
39	XXX	<p>VMS is in non standard housing.</p> <p>Figure 18 xxx MS unit</p>
41	XXX	<p>PNC16 : IIM: Forward markings obscured by algae & dirt. Captain agreed to wash markings clean. Logbook 2015 edition.</p> <p>Figure 19 xxx Bow markings</p>
42	XXX	<p>PNC 17 : IIM: "o" in "No" too small to be seen except up close. "o" in "no" in stern markings is obscured by rust..</p> <p>Figure 20 xxx bow and stern markings</p>
43	XXX	<p>PNC 18 : IIM: Markings on stern incorrectly displayed. Previously "XXX" was altered to "XXX" Captain notified using photos and agreed to repaint the markings. 2013 edition of Logbook in use.</p> <p>Figure 21 xxx Stern markings</p>

The observer made 18 Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
2			1	VNL		
8			2	IIM		
9			3	IIM		
10			4	IIM	OTH	
11			5	IIM		
13			6	AIA	IIM	
22			7	IIM		
29			8	IIM		
31			9	OTH		
32			10	IIM		
33			11	VNL	OTH	
34			12	OTH	VNL	
35			13	IIM		
36			14	AIA	VNL	OTH
37			15	IIM		
41			16	IIM		
42			17	IIM		
43			18	IIM		

8 Other Observer Tasks.

8.1 CV waste disposal



Figure 22 Chikuma waste disposal

The vessel sorted non disposable and recyclable waste into coloured drums for storage on the starboard side poop deck outside.

8.2 Unidentified or IUU vessels

No Unidentified vessels were seen during this deployment.

8.3 Marine mammals.

Pod of dolphins sighting at 12 o'clock position off port side and forward. Distance of pod varied from 20-50 m off the front side. The pod consisted of at least 15 individuals. These dolphins were noted to swim sedately in tight formations of 2s and 3s and idle at the surface for long periods without much movement. Then begin to swim and submerge in tight balls before resurfacing for air or to jump and spin, trash tails or on 2 occasions to slap each other hard with tails. Also observed languidly swimming horizontal and backwards for very short distances sinking down belly up. Observation lasted 40 minutes from first sighting at 16:45UTC – 17:25UTC. Upon consulting identification guide, the pod cited were probably rough toothed dolphins. Sighting occurred following transshipment 25 and before transshipment 26 on the 30/03/2017 while bait and supplies were being transferred from CHIKUMA to XXX.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
30/03/2017	16:45	05 58.018N	21 22.482W	Rough toothed dolphins	15	Complex. Play, mating, other?

9 Health and Safety on board the CV

No Health and Safety concerns were noted on board this vessel

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices –

Table 10 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		19/02/2017	08 52	7931 W	Transfer Bait & Supplies. In port Transhipment.	Y
		03/03/2017	12 17 N	33 05 W	Transfer Bait & Supplies	Y
		04/03/2017	16 53 N	25 00 W	In Port Transhipment, Including Eastern BFT	Y
		04/03/2017	16 53 N	25 00 W	In Port Transhipment, Including Eastern BFT	Y
		05/03/2017	16 53 N	25 00 W	In Port Transhipment, Including Eastern BFT	Y
		05/03/2017	16 53 N	25 00 W	In Port Transhipment, Including Eastern BFT	Y
		20/03/2017	05 17 S	10 55 W	Supplies	Y
		28/03/2017	02 20 S	19 25 W	Rendezvous in order to transfer bait & supplies to the LADY TUNA from the CHIKUMA.	Y
		03/04/2017	06 50 N	33 59 W	At sea refueling ship. Transferred fuel via a line. Vessel appears to be a CNFC CHINA P.R. owned and operated vessel.	Y
		14/04/2017	09 54 N	41 20 W	Transfer Bait & Supplies	Y
		16/04/2017	10 20 N	44 41 W	Transfer Bait & Supplies	Y
		16/04/2017	10 20 N	44 41 W	Transfer Bait & Supplies	Y

ICCAT

Observer Report



Trip Number:	196
Vessel Name:	LADY TUNA
ICCAT Ref. No.	AT000PAN00199
Observer Name:	PEDRO COSTA
Cruise Dates:	From: 05-03-2017 To: 23-04-2017

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation Ltd. and MRAG Ltd., Pedro Costa (ROP no. 103) joined the Panama registered Carrier Vessel (CV) LADY TUNA (RFMO No. AT000PAN00199) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 05-03-2017 to 23-04-2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTPV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	LADY TUNA	Call sign:	3EQX2
Port of registration:	Panama	Flag State:	Panama
Owner:	Wang Tat Corporation Pte. Ltd.	Charterer:	MRS Corporation Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5216,9 m ³
Size (GRT):	4538 Tonnes	Length (LOA):	124,25 m
On-board acoustic equipment:	Furuno FE-700		
Position fixing equipment:	Furuno GP-150		
Vessel monitoring system (present/absent):	Present		
Radar:	(2x) Furuno RCN-004		
Communications equipment:	(2x) MF/HF: Furuno FS-2570C / FS-1570 (2x) VHF: Furuno RC-8800 (2x) VHF DSC: Furuno FM-8800S (2x) INMARSAT-C: Furuno Felcom 15 INMARSAT-F: Furuno Felcom 70 INMARSAT-FB: Furuno Felcom 250 NAVTEX: Furuno NX-700 SSB: Furuno FS-1570 AIS: Furuno FA-150 (6x) Portable two-way transceiver: Furuno FM-8		
Plotters:	NIL		
Tuna products already on board (Quantity)	0 Tonnes		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Yalova, Turkey
Date of embarkation	05-03-2017
Method of embarkation*	Portside
Date of departure	06-03-2017
Date of first transshipment	19-03-2017
Date of last transshipment	16-04-2017
Date of return	23-04-2017
Date of disembarkation	23-04-2017
Method of disembarkation*	In port Launch
Port of return	Cristobal, Panama

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 31 transshipments at sea, the locations are shown in detail in

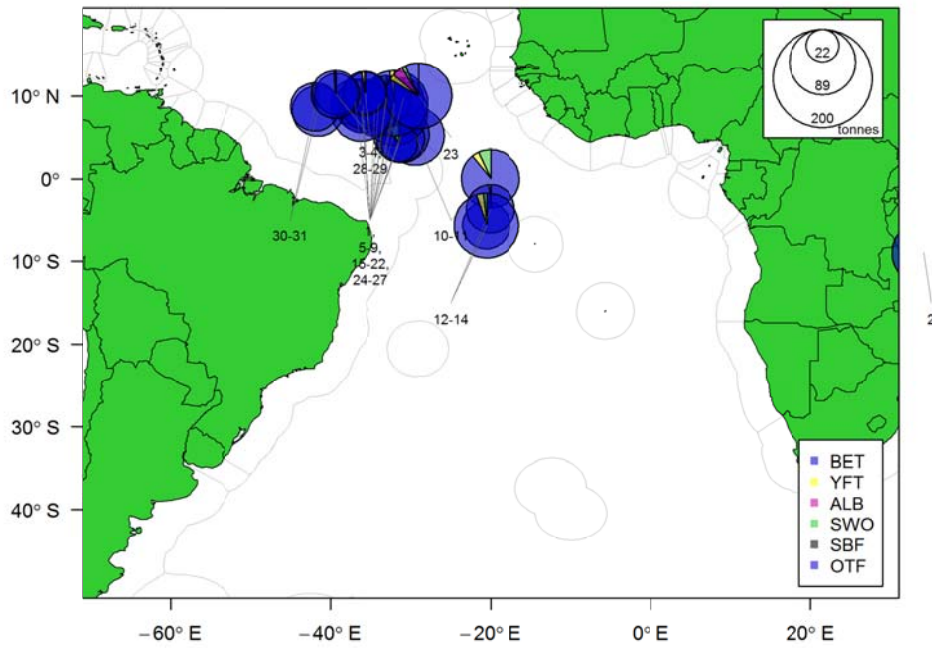


Figure 1, the numbers received by nationality of vessel are given in Table 1.

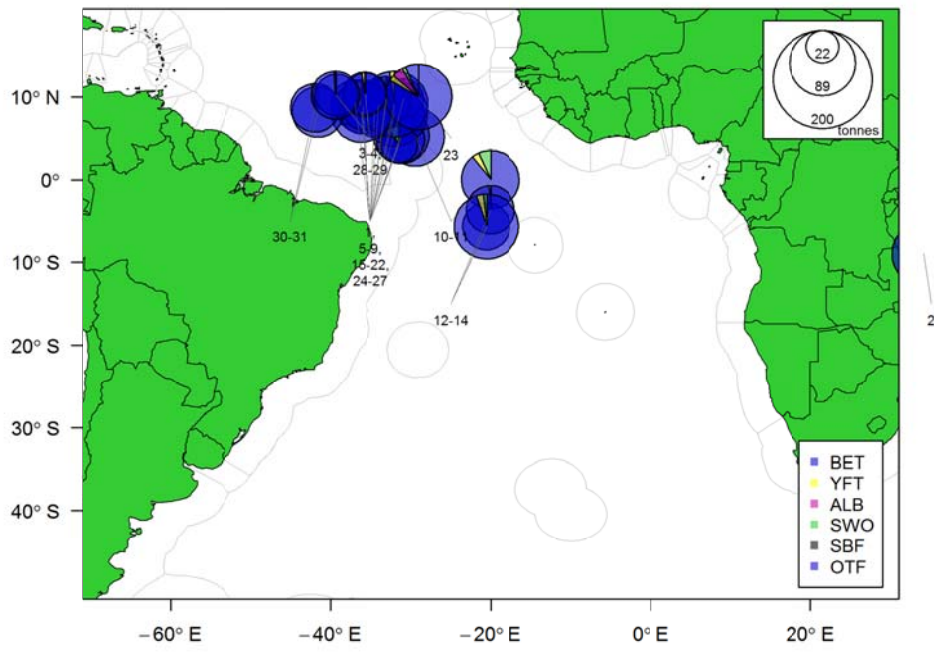


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	20
XXX	7
XXX	2
XXX	2

During the monitoring period were observed 16 Non ROP Transshipments to LSPLVs which 11 are from xxx, 2 from xxx and 3 from xxx . Also occurred 1 Non ROP Transhipment with the Carrier Vessel Chikuma.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	19/03/2017	08°49.496 N	036°00.07 W	06:08	100
2				Yes	20/03/2017	09°01.308 S	034°02.292 E	05:41	100
3				Yes	21/03/2017	10°23.199 N	035°37.044 W	05:20	100
4				Yes	21/03/2017	10°20.243 N	035°42.864 W	05:47	100
5				Yes	22/03/2017	09°13.886 N	036°58.396 W	05:12	100
6				Yes	23/03/2017	07°58.738 N	032°01.547 W	04:06	100
7				Yes	24/03/2017	05°20.138 N	031°10.241 W	04:02	100
8				Yes	25/03/2017	04°53.972 N	031°15.875 W	04:31	100
9				Yes	25/03/2017	04°15.007 N	031°23.772 W	05:54	100
10				Yes	26/03/2017	05°09.483 N	029°25.596 W	02:30	100
11				Yes	29/03/2017	00°00.662 N	020°00.649 W	01:18	100
12				Yes	30/03/2017	03°39.154 S	020°00.922 W	03:52	100
13				Yes	31/03/2017	05°40.38 S	020°29.796 W	02:00	100
14				Yes	31/03/2017	05°39.359 S	020°33.857 W	02:12	100
15				Yes	03/04/2017	08°00.031 N	032°00.884 W	03:07	100
16				Yes	04/04/2017	08°00.664 N	034°28.418 W	02:58	100
17				Yes	05/04/2017	09°29.786 N	033°01.681 W	01:40	100
18				Yes	05/04/2017	09°28.134 N	033°03.954 W	01:30	100
19				Yes	06/04/2017	09°51.165 N	032°59.23 W	07:22	100
20				Yes	07/04/2017	09°50.11 N	030°50.69 W	05:05	100
21				Yes	08/04/2017	09°07.949 N	031°59.515 W	04:12	100
22				Yes	09/04/2017	09°01.724 N	033°58.377 W	02:45	100
23				Yes	10/04/2017	10°00.128 N	029°00.129 W	06:48	100
24				Yes	12/04/2017	08°11.831 N	036°04.866 W	03:08	100
25				Yes	12/04/2017	08°09.011 N	036°08.475 W	02:40	100
26				Yes	13/04/2017	08°11.53 N	036°03.918 W	02:54	100
27				Yes	13/04/2017	08°09.369 N	036°04.83 W	03:24	100
28				Yes	14/04/2017	10°14.745 N	039°15.834 W	03:46	100
29				Yes	14/04/2017	10°11.972 N	039°23.636 W	04:08	100
30				Yes	15/04/2017	08°10.366 N	041°35.095 W	07:15	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
31				Yes	16/04/2017	08°40.273 N	041°55.167 W	06:08	100

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	83.32	83.32	8.343	9.178	9.239	9.2	0	0	100.902	101.698	0.80	0.78
2	92.759	93.559	3.838	4.094	6.358	7.116	0	0	102.955	104.769	1.81	1.73
3	82.389	82.3893	3.501	3.646	3.255	3.255	0	0	89.145	89.2903	0.15	0.16
4	98.045	97.275	4.305	4.305	5.618	5.618	0	0	107.968	107.198	-0.77	-0.72
5	87.286	86.185	3.33	3.33	5.014	4.379	0	0	95.63	93.894	-1.74	-1.85
6	69.396	69.396	0.591	1.155	0	0	0	0	69.987	70.551	0.56	0.80
7	64.296	61	5.3	5.3	0	0	0	0	69.596	66.3	-3.30	-4.97
8	72.701	70	3.5	3.5	0	0	0	0	76.201	73.5	-2.70	-3.67
9	130.385	125.56	6	6	0	0	0.15	0	136.535	131.56	-4.97	-3.78
10	62.764	60.723	6.768	6.768	0	0	0	0	69.532	67.491	-2.04	-3.02
11	39.369	35.26	0.88	0.88	4.03	4.03	0.025	0	44.304	40.17	-4.13	-10.29
12	74.456	75.424	0.665	0.665	0	0	0	0	75.121	76.089	0.97	1.27
13	45.006	43.69	0.546	0.546	0	0	0	0	45.552	44.236	-1.32	-2.97
14	47.082	46.374	0.316	0.316	0	0	0	0	47.398	46.69	-0.71	-1.52
15	75.244	69.473	2.238	2.238	2.309	2.165	0	0	79.791	73.876	-5.91	-8.01
16	49.871	49.182	4.094	4.094	7.201	6.946	0	0	61.166	60.222	-0.94	-1.57
17	37.031	36.49	0.4	0.4	2.2	2.2	0.05	0	39.681	39.09	-0.59	-1.51
18	35.78	34.863	0.395	0.395	2.863	2.863	0.05	0	39.088	38.121	-0.97	-2.54
19	131.61	130.31	3.132	3.132	0	0	0	0	134.742	133.442	-1.30	-0.97
20	123.401	105.779	7.449	6.733	0	0	0	0	130.85	112.512	-18.34	-16.30
21	82.357	76.469	2.662	2.286	0	0	0.1	0	85.119	78.755	-6.36	-8.08
22	77.179	70.751	1.806	1.565	0	0	0.1	0	79.085	72.316	-6.77	-9.36
23	126.579	111.464	5.322	3.844	2.872	2.085	8.545	8.82	143.318	126.213	-17.10	-13.55

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
24	60.188	52.595	0.439	0.439	0	0	0.05	0	60.677	53.034	-7.64	-14.41
25	58.171	58.024	1.525	1.525	0	0	0.03	0	59.726	59.549	-0.18	-0.30
26	52.532	52.532	0.168	0.701	0	0	0	0	52.7	53.233	0.53	1.00
27	70.098	69.27	0.79	0.79	0	0	0.1	0	70.988	70.06	-0.93	-1.32
28	81.677	68.194	0.667	0.506	0	0	0	0	82.344	68.7	-13.64	-19.86
29	77.971	71.834	1.21	0.832	0	0	0.1	0	79.281	72.666	-6.61	-9.10
30	119.628	123.306	4.667	4.667	2.238	2.238	0	0	126.533	130.211	3.68	2.82
31	111.689	110.3	4.807	4.312	4.951	4.951	0.1	0	121.547	119.563	-1.98	-1.66

Observer had a clear view of the strings of fish craned to get a reasonable good estimation for the number of fish. However errors could occur in the estimation for the number of fish for each species when massive strings of fish were craned directly from the LSPLV hold to the CV hold. On those occasions, the total number of fish and the transhipped weight could be under estimated. During the other observed transhipments the fish was first towed from the LSPLV hold to the LSPLV deck and after craned to the CV hold, this permitted a better estimation for the number of fish of each species.

In Transhipment No.11 the difference is greater than 10%, the observer counted more Bigeye tuna (661 fish) than the number given in the transhipment declaration (592 fish) by the Master of xxx. In Transhipment No.20 the difference is greater than 10%, the observer counted more Bigeye tuna (2598 fish) than the number given in the transhipment declaration (2227 fish) by the Master of xxx.

In Transhipment No.23 the difference is greater than 10%, the observer counted more Bigeye tuna (3559 fish) than the number given in the transhipment declaration (3143 fish) by the Master of xxx. Also there were significance differences for Yellowfin tuna and Swordfish transhipped.

In Transhipment No.24 the difference is greater than 10%, the observer counted more Bigeye tuna (1839 fish) than the number given in the transhipment declaration (1607 fish) by the Master of xxx.

In Transhipment No.28 the difference is greater than 10% the observer counted more Bigeye tuna (2411 fish) than the number given in the transhipment declaration (2013 fish) by the Master of xxx.

In all cases above there were large quantities of tuna transhipped, in large mixed strings of tuna. The observers counts were consistently higher than the amount procided in the TD.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown Table 4, a breakdown by transshipment is shown in Figure 2 and average weights by species are shown in **Error! No se encuentra el origen de la referencia..**

Table 5 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	N	6.92	0.27	7.19	0.29
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1.63	0.06	1.63	0.07
Bigeye tuna	<i>Thunnus obesus</i>	All	2420.26	93.90	2320.99	93.78
Swordfish	<i>Xiphias gladius</i>	N	46.01	1.79	44.86	1.81
Swordfish	<i>Xiphias gladius</i>	S	12.14	0.47	12.19	0.49
Tunas nei	Thunnini	Unk	0.86	0.03	0.00	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	89.65	3.48	88.14	3.56

In Transshipments No.9, 11, 17, 18, 21, 22, 24, 25, 27, 29 and 31 was observed bags with tuna meat pieces (Specie: Tunas nei) being transhipped that were not declared in the corresponding Transshipments Declarations (TDs).

Figure 3 Proportions, by weight, of fish species transferred by transshipment.

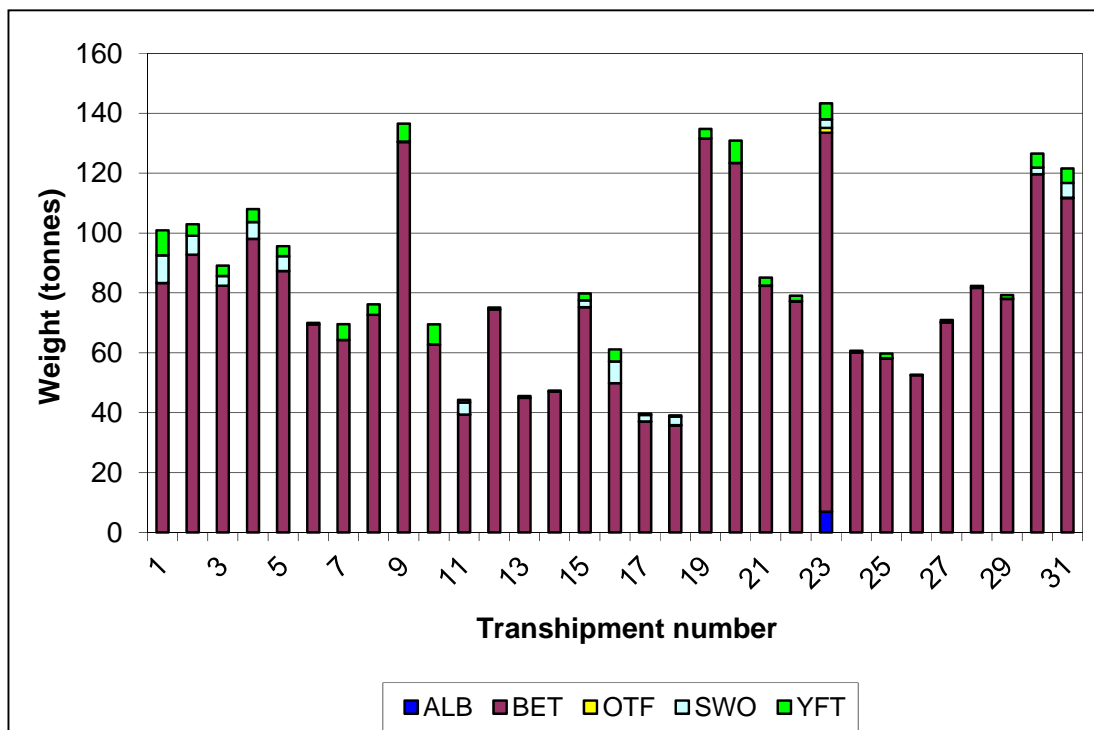


Table 6 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	19.65
Atlantic blue marlin	<i>Makaira nigricans</i>	90.50
Bigeye tuna	<i>Thunnus obesus</i>	40.05
Swordfish	<i>Xiphias gladius</i>	57.86
Tunas nei	Thunnini	38.86
Yellowfin tuna	<i>Thunnus albacares</i>	35.88

The CV didn't use a hook scale to get the precise weight of each string of fish, as a result of this it was not possible for the observer to get an accurate estimation for the average weight of each species transhipped. All recorded weights of species transhipped were provided from the average weight given by the LSPLVs in order to get an estimation of the total weight of each species. The observer was not confident with the accuracy of the average weights given by a number of the fishing vessels for species Bigeye tuna (*Thunnus obesus*).

One main product type was observed for Yellowfin tuna (*Thunnus albacares*) and Bigeye tuna (*Thunnus obesus*) fins, tail, viscera, gills and opercular plates removed and were transhipped as "Gilled and Gutted" (code:GG).

Albacore (*Thunnus alalunga*) only had the fins and the tail removed therefore the product type was "Rounded Weight" (code:RD).

Swordfish (*Xiphias gladius*) was transferred with two different product types, "Dressed Weight" (code:DR) for fish usually not exceeding 40kg that had fins, tail, viscera and entire head removed and "Fillet" (code:FL) for fish over 40kg.

Blue marlin (*Makaira nigricans*) was transferred with the "Dressed Weight" product type. Tuna meat pieces were transhipped in bags (Tunas nei; as "sashimi") it was not possible to confirm the precise specie(s) of this tuna meat pieces.

7 Southern bluefin tuna transhipments

There were no Southern bluefin was not transhipments observed during this deployment.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of inspections made onboard LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	19/03/17	No	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Unk	Yes	PB	18/03/2017
2			Yes	20/03/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	19/03/2017
3			Yes	21/03/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	21/03/2017
4			Yes	21/03/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	21/03/2017
5			Yes	22/03/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	21/03/2017
6			Yes	23/03/17	Yes	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	22/03/2017
7			Yes	24/03/17	Yes	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	24/03/2017
8			Yes	25/03/17	Yes	Yes	Unk	Yes	Yes	04/06/19	Yes	Yes	Yes	Yes	Yes	PB	25/03/2017
9			Yes	25/03/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	25/03/2017
10			Yes	26/03/17	Yes	Yes	Unk	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	25/03/2017
11			Yes	29/03/17	Yes	Yes	Unk	Yes	Yes	01/09/18	Yes	Yes	Yes	No	Yes	PB	29/03/2017
12			Yes	30/03/17	Yes	Yes		Yes	No	05/11/16	Yes	Yes	Yes	Yes	Yes	PB	30/03/2017
13			Yes	31/03/17	Yes	Yes	Unk	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	31/03/2017
14			Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	31/03/2017
15			Yes	03/04/17	Yes	Yes	Yes	Yes	Yes	12/05/20	Yes	Yes	Yes	Yes	Yes	PB	03/04/2017
16			Yes	04/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	02/04/2017
17			Yes	05/04/17	Yes	Yes		Yes	Yes	31/12/17	No	Yes	Yes	Yes	Yes	PU	04/04/2017
18			Yes	05/04/17	No	Yes		Yes	Yes	31/12/17	No	Yes	Yes	Yes	Yes	PU	05/04/2017
19			Yes	06/04/17	Yes	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	05/04/2017
20			Yes	07/04/17	Yes	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	07/04/2017

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
21			Yes	08/04/17	Yes	Yes		Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	07/04/2017
22			Yes	09/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	08/04/2017
23			Yes	10/04/17	Yes	Yes	Unk	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	09/04/2017
24			Yes	12/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	11/04/2017
25			Yes	12/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	12/04/2017
26			Yes	13/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	12/04/2017
27			Yes	13/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	12/04/2017
28			Yes	14/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/04/2017
29			Yes	14/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/04/2017
30			Yes	15/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	14/04/2017
31			Yes	16/04/17	Yes	Yes		Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	15/04/2017

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound
xxx, xxx and xxx shows the National Registration Number in the vessels structures. National Registration Number of xxx was not clearly visible. The other LSPLVs don't show the National Registration Number in the vessels structures.

Table 7 **Comments from inspections**

No	Comments	
1	xxx	<p>Fishing Logbook sheets not numbered.</p> <p>Figure 4 Fishing Logbook pages not numbered</p>
		<p>No power light visible on the VMS unit. Unknown if power is on.</p> <p>Figure 5 VMS light not on.</p>

No	Comments	
3	xxx	LSPLV name on the bow not clearly marked. Figure 6 xxxbow markings
4	xxx	LSPLV name on the bow not clearly marked. Figure 7Jin Feng No. 3 bow markings. National Registration Number on the ATF (xxx) is different from record in ICCAT database (xxx) . Figure 8 xxxATF

No	Comments	
9	xxx	LSPLV name on the bow not clearly visible. Figure xxxbow Markings
11	xxx	VMS equipment with power light off and connected to a switch. Figure xxxVMS.

No	Comments	
12	xxx	Fishing Licence expired. Figure 9 xxxFishing Licence
15	xxx	LSPLV name on the stern not clearly marked Figure 10 xxxStern Markings

No	Comments	
17	xxx	<p>VMS equipment connected to a switch.</p> <p>Figure 11 xxxVMS</p> <hr/> <p>Fishing Logbook not bound and is not an official Flag State logbook.</p> <p>Figure 12 xxx Logbook</p>

No	Comments	
17	xxx	Fishing Logbook with double entries for same dates. Figure 13 xxx Logbook
18	xxx	VMS equipment connected to a switch Figure 14 xxx VMS
18	xxx	Fishing Logbook not bound and is not an official Flag State logbook. Figure 15 xxxLogbook

No	Comments	
		<p>Fishing Logbook with double entries for same dates.</p> <p>Figure 16 xxx Logbook</p>
30	xxx	<p>National Registration Number in the ATF (xxx) not as record in ICCAT database (xxx).</p> <p>Figure 17 xxx Vessel ATF</p> <hr/> <p>VMS equipment shows a blinking red light. Was not possible to find if there was a problem with the equipment.</p> <p>Figure 18 xxx VMS</p>

The observer made 9 Potential Non Compliance (PNC) reports summarised below in Table .

Table 8 PNC reports made

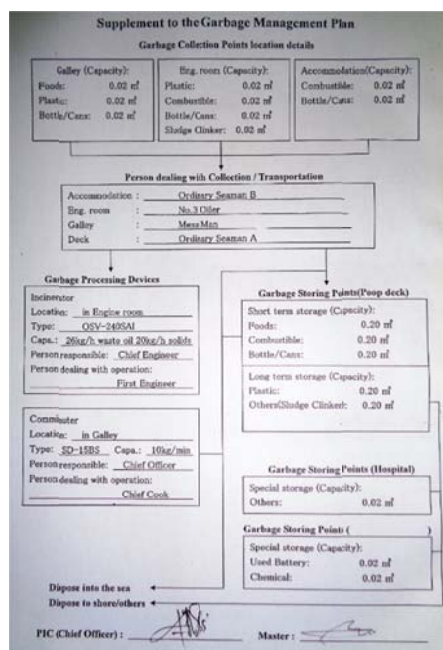
No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1	VNL	LNN	IIM
3			2	IIM		
4			3	IIM	OTH	
9			4	IIM		
11			5	VNL		
12			6	AID		
15			7	IIM		
17			8	ANS	LNB	OTH
18			9	ANS	LNB	OTH

9 Other Observer Tasks.

9.1 CV waste disposal

There is waste disposal information spread around the CV (see Figure 4, Appendice B - International Marine Organisation (IMO) MARPOL Annex V (Resolution MEPC.201(62)) that establish the rules for the discharge of garbage into the sea. Also CV have it's own Supplement Garbage Management Plan described in Figure 3.

Figure 3 CV Garbage Management Plan



9.2 Observed MARPOL events

There were several MARPOL incidences observed during this deployment varying from solid wastes being disposed of at sea to oil being dumped or oil tanks being flushed out at sea.

The observer pointed out the oil spill to the fishing vessel captain during the transshipment, the crew of the fishing vessel then proceeded to dump detergent into the water to clean up the oilspill.

Figures given below detail the events.

Figure 19 Oil dumped by the LSTLV xxx (vessel in the distance) pictured alongside the Lady Tuna after transhipment

Figure 20 Waste dumped by the LSTLV xxx during transhipments with the Lady Tuna.

Figure 21 Tangle of broken strings thrown overboard the Lady Tuna during transhipment

9.3 Unidentified or IUU vessels

No unidentified or IUU vessels were sight during the monitoring period.

9.4 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
17-03-2017	15:30	20°55,460'N	025°09,855'W	Non identified dolphin	2	Crossing vessel bow
25-03-2017	10:15	04°50,316'N	031°18,793'W	Non identified dolphin	8	Stop near the vessels while transhipment occurred
13-04-2017	11:45	08°09,044'N	036°04,988'W	Non identified dolphin	18	Stop near the vessels while transhipment occurred
20-04-2017	14:20	12°04,265'N	064°51,097'W	Non identified pilot whale	15	Moving to opposite direction of the CV
21-04-2017	09:45	12°37,102'N	069°38,761'W	Non identified whale	2	Feeding together with seabirds on small fish

10 Health and Safety on board the CV

The CV was in a very good condition but had cockroach infestations in the galley, in the dry food storage room, and in both mess rooms. The food provided to the observer and crew was generally poor quality and out of date.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 10 Non ROP Transshipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		25/03/2017	04° 53.972'N	031° 15.875'W	Provisions	Yes
		25/03/2017	04° 38.542'N	031° 31.796'W	Bait	Yes
		28/03/2017	00° 06.953'N	021° 43.198'W	CV LADY TUNA received fuel oil, bait provisions and engine oil drums from CV CHIKUMA	Yes
		28/03/2017	00° 00.857'N	020° 02.527'W	Bait, provisions and engine oil	Yes
		03/04/2017	07° 58.625'N	032° 04.088'W	Bait, provisions and fishing gear	Yes
		04/04/2017	07° 57.785'N	034° 29.284'W	Bait, provisions and fishing gear	Yes
		06/04/2017	09° 46.190'N	033° 02.427'W	Bait, provisions, fishing gear and engine oil drums	Yes
		07/04/2017	09° 46.331'N	033°52.413'W	Bait, provisions, fishing gear and engine oil drums	Yes
		08/04/2017	09° 04.955'N	032°02.300'W	Bait, provisions, fishing gear	Yes
		10/04/2017	09° 57.859'N	029°05.815'W	Provisions, goods and fishing gear	Yes
		12/04/2017	08° 09.332'N	036°07.840'W	Provisions and fishing gear	Yes
		12/04/2017	08° 06.748'N	036°11.656'W	Provisions and fishing gear	Yes
		13/04/2017	08° 09.474'N	036°04.652'W	Provisions, goods and fishing gear	Yes
		13/04/2017	08° 07.161'N	036°05.916'W	Goods and fishing gear	Yes
		14/04/2017	10° 14.745'N	039°15.834'W	Goods and fishing gear	Yes
		15/04/2017	08° 07.688'N	041°40.382'W	Bait, provisions, goods, fishing gear and engine oil drums	Yes
		16/04/2017	08° 39.159'N	041°56.928'W	Bait, provisions, goods and fishing gear	Yes

Appendice A

Figure 4 International Marine Organisation (IMO) MARPOL Annex V

Simplified overview of the discharge provisions of the revised MARPOL Annex V (resolution MEPC.201(62)) which will enter into force on 1 January 2013
(for more detailed guidance regarding the respective discharge requirements please refer to the text of MARPOL Annex V or to the 2012 Guidelines for the Implementation of MARPOL Annex V)

Type of garbage	Ships outside special areas	Ships within special areas	Offshore platforms (more than 12 nm from land) and all ships within 500 m of such platforms
Food waste comminuted or ground	Discharge permitted ≥3 nm from the nearest land, en route and as far as practicable	Discharge permitted ≥12 nm from the nearest land, en route and as far as practicable	Discharge permitted
Food waste not comminuted or ground	Discharge permitted ≥12 nm from the nearest land, en route and as far as practicable	Discharge prohibited	Discharge prohibited
Cargo residues ¹ not contained in wash water	Discharge permitted ≥12 nm from the nearest land, en route and as far as practicable	Discharge prohibited	Discharge prohibited
Cargo residues ¹ contained in wash water		Discharge permitted ≥12 nm from the nearest land, en route, as far as practicable and subject to two additional conditions ²	Discharge prohibited
Cleaning agents and additives ¹ contained in cargo hold wash water	Discharge permitted	Discharge permitted ≥12 nm from the nearest land, en route, as far as practicable and subject to two additional conditions ²	Discharge prohibited
Cleaning agents and additives ¹ in deck and external surfaces wash water		Discharge permitted	Discharge prohibited
Carcasses of animals carried on board as cargo and which died during the voyage	Discharge permitted as far from the nearest land as possible and en route	Discharge prohibited	Discharge prohibited
All other garbage including plastics, synthetic ropes, fishing gear, plastic garbage bags, incinerator ashes, clinkers, cooking oil, floating dunnage, lining and packing materials, paper, rags, glass, metal, bottles, crockery and similar refuse	Discharge prohibited	Discharge prohibited	Discharge prohibited
Mixed garbage	When garbage is mixed with or contaminated by other substances prohibited from discharge or having different discharge requirements, the more stringent requirements shall apply		

¹ These substances must not be harmful to the marine environment.
² According to regulation 6.1.2 of MARPOL Annex V the discharge shall only be allowed if: (a) both the port of departure and the next port of destination are within the special area and the ship will not transit outside the special area between these ports (regulation 6.1.2.2); and (b) if no adequate reception facilities are available at these ports (regulation 6.1.2.3).

ICCAT

Observer Report



Trip Number:	197-17
Vessel Name:	Victoria II
ICCAT Ref. No.	AT000LBR00008
Observer Name:	Erich Gericke
Cruise Dates:	From: 01/03/2017 to 25/05/2017

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Lines Ltd. and Capricorn Fisheries Monitoring cc, Erich Gericke (ROP no.30) joined the Liberian registered Carrier Vessel (CV) Victoria II (AT000LBR00008) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 01/03/2017 to 25/05/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Victoria II	Call sign:	D5KD3
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Navia Maritime S.A.	Charterer:	Toei Reefer Line Co. Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4279 m ³
Size (GRT):	2717	Length (LOA):	91.48
On-board acoustic equipment:	JRC JFE-570S		
Position fixing equipment:	JRC JRL-7700MKII (X2)		
Vessel monitoring system (present/absent):	Present		
Radar:	JRC 5300MKII; Furuno MU-190		
Communications equipment:	Inmarsat FB, Fax; VHF; Aritsu MF/HF		
Plotters:	Nil		
Tuna products already on board (Quantity)	200 tonnes		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Balboa, Panama
Date of embarkation	01/03/2017
Method of embarkation*	Transfer vessel in port
Date of departure	28/03/2017
Date of first transshipment	15/03/2017
Date of last transshipment	23/04/2017
Date of return	26/05/2017
Date of disembarkation	25/05/2017
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The CV made a total of 21 transshipments at sea, the locations are shown in detail in

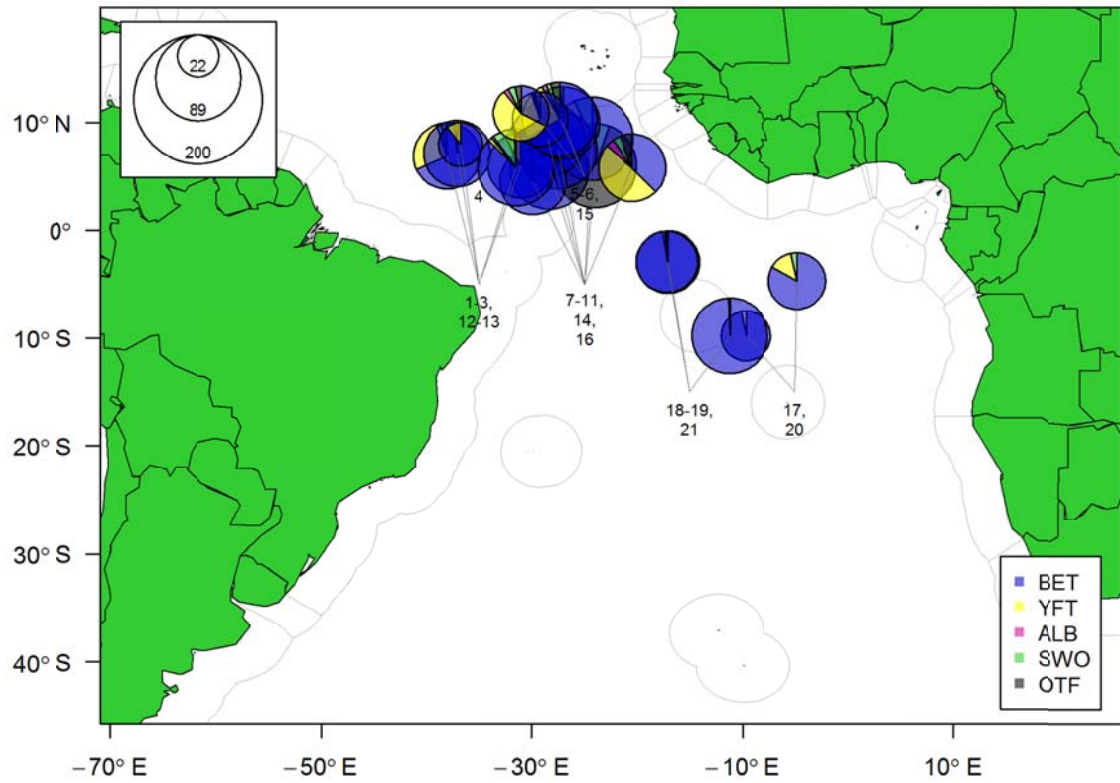


Figure 1. The numbers received by nationality of vessel are given in Table 1.

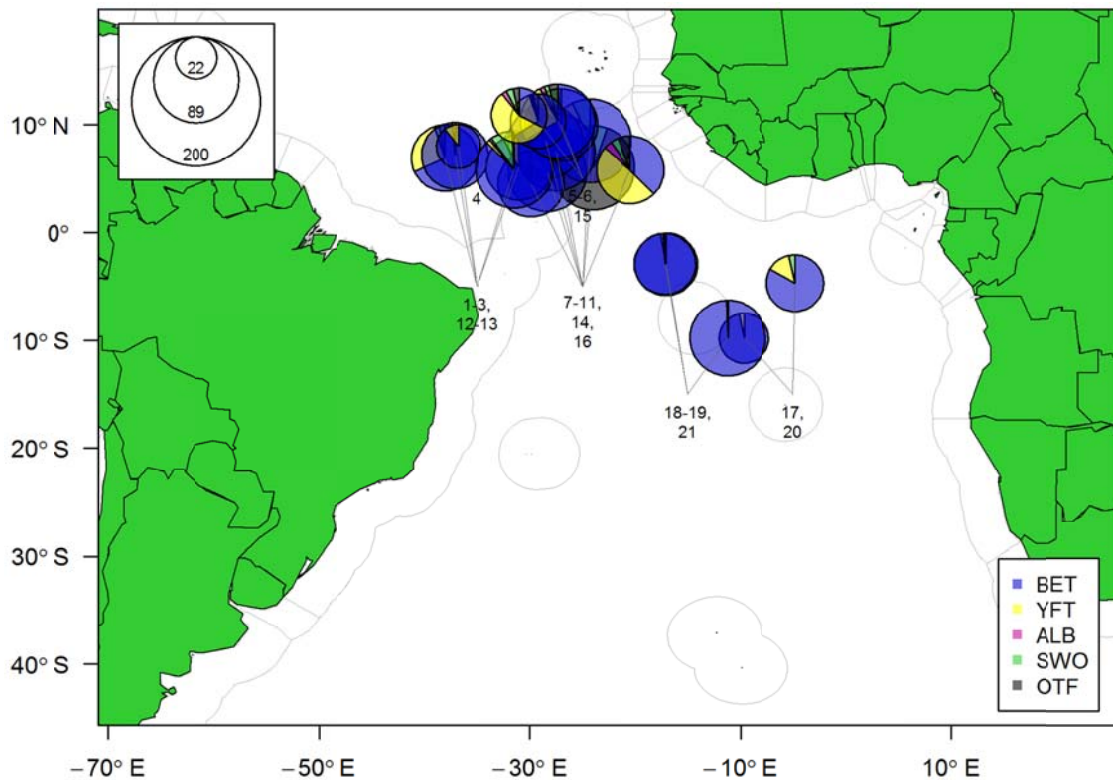


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	1
XXX	6
XXX	5
XXX	8
XXX	1

Comments: In addition to the transshipments listed in Table 1, the CV also conducted 15 Non-ICCAT cargo transshipments. The specific information related to these cargo transshipments are listed in Appendix 1.

5 Summary of Transhipments Observed.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	15/03/17	06°54.43 N	038°02.85 W	06:05	100%
2				Yes	16/03/17	07°08.295 N	037°05.217 W	06:38	100%
3				Yes	17/03/17	07°59.086 N	036°45.321 W	07:15	100%
4				Yes	20/03/17	10°51.912 N	030°59.671 W	06:18	100%
5				Yes	21/03/17	10°20.307 N	029°12.049 W	06:45	100%
6				Yes	22/03/17	10°00.291 N	027°01.536 W	05:45	100%
7				Yes	24/03/17	06°00.511 N	023°59.547 W	05:45	100%
8				Yes	25/03/17	08°30.549 N	024°16.412 W	04:55	100%
9				Yes	26/03/17	07°28.352 N	027°31.038 W	05:15	100%
10				Yes	27/03/17	05°33.62 N	028°19.909 W	02:33	100%
11				Yes	28/03/17	04°29.684 N	029°52.652 W	04:50	100%
12				Yes	30/03/17	06°01.085 N	031°03.149 W	05:55	100%
13				Yes	30/03/17	05°50.774 N	031°27.107 W	04:55	100%
14				Yes	01/04/17	08°27.146 N	028°30.235 W	05:00	100%
15				Yes	02/04/17	10°19.483 N	027°21.475 W	03:10	100%
16				Yes	07/04/17	05°48.607 N	020°26.678 W	02:55	100%
17				Yes	16/04/17	04°41.474 S	004°48.601 W	02:40	100%
18				Yes	19/04/17	02°56.659 S	017°02.244 W	01:45	100%
19				Yes	19/04/17	02°55.08 S	017°08.129 W	04:00	100%
20				Yes	22/04/17	09°48.333 S	009°40.449 W	03:00	100%
21				Yes	23/04/17	09°47.982 S	011°12.192 W	04:10	100%

Table 2 Summary of vessel / observer estimated figures

No	Mixed tunas		Swordfish		Albacore		Blue marlin		Other		Total		Difference	
	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Obs	Ves	Wt (t)	%
1	88.757	102.6	12.699	9	0	0	0	0	0	0	101.456	111.6	-10.14	-9.09%
2	127.054	123.072	15.022	7	0	0	0	0	0	0	142.076	130.072	12.00	9.23%
3	110.307	119.49	8.662	9	0	0	0	0	0	0	118.969	128.49	-9.52	-7.41%
4	104.441	100.73	3.154	4.057	0.72	2.466	1.08	1.002	0	0	109.395	108.255	1.14	1.05%
5	93.551	93.74	1.46	1.616	1.226	2.478	0.4	0.528	1.054	0.904	97.691	99.266	-1.58	-1.59%
6	76.14	80	0	0	0	0	0	0	0	0	76.14	80	-3.86	-4.83%
7	75.051	72.482	3.147	3.271	2.139	3.349	2.804	1.58	0.09	0.115	83.231	80.797	2.43	3.01%
8	73.445	76.426	1.22	1.735	0.06	0.211	2.98	1.98	0.025	0.02	77.73	80.372	-2.64	-3.29%
9	88.7	81	0	0	0	0	0	0	0	0	88.7	81	7.70	9.51%
10	32.585	35.307	0	0	0	0	0	0	0	0	32.585	35.307	-2.72	-7.71%
11	74.059	77.989	0	0	0	0	0	0	0	0	74.059	77.989	-3.93	-5.04%
12	95.203	96.88	10.629	9.922	1.035	1.198	0	0	0	0	106.867	108	-1.13	-1.05%
13	93.087	86.24	7.52	7.078	1.586	1.511	0	0	0	0	102.193	94.829	7.36	7.77%
14	84.294	94	2.979	2	1.786	2	4.33	2	0	0	93.389	100	-6.61	-6.61%
15	52.349	52.803	0.355	0.556	0.808	0.77	0.97	0.94	0	0	54.482	55.069	-0.59	-1.07%
16	46.194	50.703	1.487	2.339	1.408	1.569	0.07	0.54	0.704	0	49.863	55.151	-5.29	-9.59%
17	42.123	58	10.387	2	0	0	0	0	0	0	52.51	60	-7.49	-12.48%
18	47.009	46	0	0	0	0	0	0	0	0	47.009	46	1.01	2.19%
19	67.493	71	0	0	0	0	0	0	0	0	67.493	71	-3.51	-4.94%
20	75.115	67.744	0	0	0	0	0	0	0	0	75.115	67.744	7.37	10.88%
21	77.216	105	0	0	0	0	0	0	0	0	77.216	105	-27.78	-26.46%

Comments:

Transshipment 17: There were significant discrepancies between the declared and observed weights for this transshipment. Only a portion of the LSTLV's catch was transhipped. The observed numbers and calculated average weights for swordfish (*Xiphias gladius*) confirm that the observed figures were realistic. The average size of the tuna (*Thunnus spp.*) was larger than previous transshipments and the observer may have underestimated the values. The packing density of these larger fish was lower and the CV accepted only a 60t volume capacity.

Transshipment 20: There were some very large tuna in this transshipment and the observer may have overestimated the average size of the fish in this transshipment; Transshipment number twenty one: The observed number of fish recorded was well within 5% of the true number transhipped as the transshipment method allowed for accurate counting of the fish. The average weights calculated from these numbers suggest that the LSPLV did not tranship the full declared weight. The officer in charge of the CV storage estimated the transhipped weight to be between 80 and 90t.

6 Species and weight transferred

The carrier vessel had 200 tonnes of tuna products on board when the observer boarded. The total declared weight of all species transferred during the trip is shown in 4. A breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia..**

Table 3 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	6.92	0.40%	7.13	0.40%
Albacore	<i>Thunnus alalunga</i>	N	3.85	0.22%	7.89	0.44%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	0.54	0.03%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	12.63	0.73%	8.57	0.48%
Bigeye tuna	<i>Thunnus obesus</i>	All	264.82	15.36%	1369.65	77.12%
Mixed Tunas	<i>T. obesus & T. albacares</i>	All	1346.71	78.11%	123.07	6.93%
Opah	<i>Lampris guttatus</i>	All	1.14	0.07%	0.92	0.05%
Seerfishes nei	<i>Scomberomorus spp</i>	All	0.51	0.03%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	All	0.70	0.04%	0.14	0.01%
Swordfish	<i>Xiphias gladius</i>	All	55.80	3.24%	1.74	0.10%
Swordfish	<i>Xiphias gladius</i>	N	22.94	1.33%	20.49	1.15%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	37.35	2.10%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	0.45	0.03%
Yellowfin tuna	<i>Thunnus albacares</i>	All	8.65	0.50%	198.48	11.18%

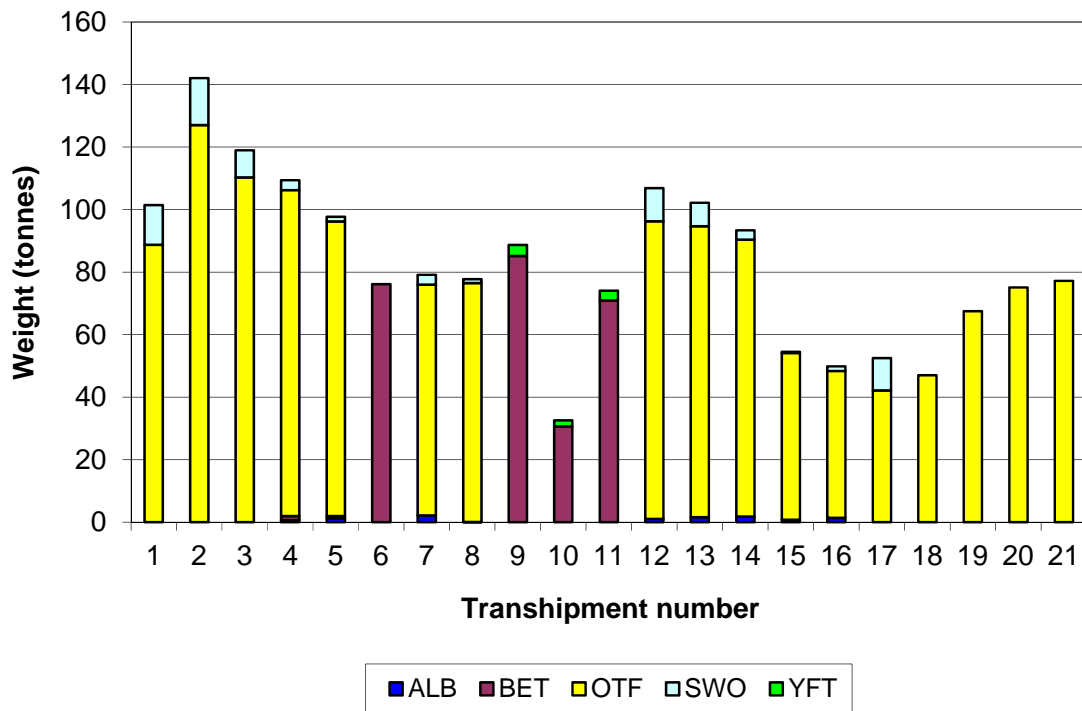


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 4 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	21.24
Atlantic blue marlin	<i>Makaira nigricans</i>	97.93
Bigeye tuna	<i>Thunnus obesus</i>	46.43
Mixed Tunas	<i>T. obesus & T. albacares</i>	45.12
Opah	<i>Lampris guttatus</i>	15.00
Seerfishes nei	<i>Scomberomorus spp</i>	11.84
Striped marlin	<i>Tetrapturus audax</i>	64.00
Swordfish	<i>Xiphias gladius</i>	59.34
Yellowfin tuna	<i>Thunnus albacares</i>	36.82

Comments:

Only eight species were observed transhipped as listed in table 5 above. Two instances were recorded where there were discrepancies between the LSPLV declared species and the observed species transhipped. The marlin transhipped in transshipment number 4 were declared as black marlin (BLM [*Makaira indica*]) however they were observed to be blue marlin (*Makaira nigricans*).

For transshipment number 3 the LSPLV catch record indicated spanish mackerel, (*Scomberomorus spp*) and opah, (*Lampris guttatus*) would be transhipped. However, during the transshipment the fish were declared as wahoo, (WAH [*Acanthocybium solandri*]) and LAB (Unknown code).

The product types included dressed, gilled and gutted, round and filleted. All *T. albacares*, *T. obesus* and *T. audax* were gilled and gutted except for two LSPLVs that

transhipped small quantities of filleted *T. obesus*. All *X. gladius* was either dressed or filleted. The *T. alalunga* were all round while the *Scomberomorus spp.*, *M. nigricans* and the few individual *L. guttatus* were all dressed.

The observed and declared percentages in table 4 show significant differences. These differences are attributed to the fact that the transshipment declarations normally declared *T. albacares* and *T. obesus* separately while the observer normally declared them together as mixed tunas. Viewed as totals of mixed tunas the observed and declared weight percentage was 93.9% and 92.5% respectively.

Observations were taken from the winch deck just above the main deck where the observer had a clear view of the entire transshipment of each string from the fish being hauled from the LSPLV hatch to the fish being deposited into the hatch of the carrier vessel, without exposing the observer to the danger zone.

Several observations were used to count or estimate the number of fish per string. As the fish were hauled from the LSPLV hatch, the tail stocks of the fish could be counted accurately for the upper level of the string. This gave a good reference for volume estimations where the numbers of fish in the string could not be accurately counted, e.g. if the string was too large or it did not rotate during transfer preventing a clear view of the string. On some occasions the fish were deposited on the deck of the LSPLV prior to being transhipped and on some occasions the fish could be observed as they were deposited on the deck inside the hold of the carrier vessel in which case it was possible to confirm the numbers of fish as the string was unpacked.

None of the fish were weighed and the carrier vessel did not have a hook scale so all weights were visually estimated. Methods for estimating fish weights were body size, shape and length estimation as well as observation of the manual handling of the fish. The weights of the fish ranged from ten kilograms to over a hundred kilograms per fish. Occasionally strings included fish at both ends of the range making the estimation of the average size difficult. In these cases an estimate of the weight of the string was also recorded if time allowed. This figure was later used to re-evaluate the average weight estimation.

For most transshipments the tunas were transferred as mixed strings. The transshipment methods generally allowed for reasonably accurate counting or estimation of the number of fish per string and it was possible to identify some individual fish by species, but it was not possible to record accurate numbers of each individual species per string and the observer recorded the *T. obesus* and *T. albacares* together as mixed tunas (MIX). The exceptions to this were: Transshipment number 6 in which only *T. obesus* was transhipped; Transshipment number 9 in which the transshipment method allowed for accurate counting of individual fish and species as the *T. obesus* and *T. albacares* were mostly separated during the transshipment; Transshipment numbers 10 and 11 in which the fish were first deposited on the deck of the LSPLV in small numbers prior to transshipment allowing for accurate counting of individual fish and species

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped during this deployment

8 LSPLV Checks

Checks were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	15/03/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	14/03/17
2			Yes	16/03/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	15/03/17
3			Yes	17/03/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	16/03/17
4			Yes	20/03/17	Yes	Yes	Yes	Yes	Yes	31/07/18	Yes	Y	Yes	Yes	Yes	EL	19/03/17
5			Yes	21/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	20/03/17
6			Yes	22/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	21/03/17
7			Yes	24/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	22/03/17
8			Yes	25/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	24/03/17
9			Yes	26/03/17	Yes	Yes	Yes	Yes	Yes	30/06/17	Yes	F	Yes	Yes	Yes	PU	24/03/17
10			Yes	27/03/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	26/03/17
11			Yes	28/03/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	F	Yes	Yes	Yes	PB	27/03/17
12			Yes	30/03/17	No	Yes	Unk	Yes	Yes	31/03/18	Yes	F	Yes	Yes	Yes	PB	29/03/17
13			Yes	30/03/17	No	Yes	Yes	Yes	Yes	31/03/18	Yes	F	Yes	Yes	Yes	PB	29/03/17
14			Yes	01/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/03/17
15			Yes	02/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/04/17
16			Yes	07/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	06/04/17
17			Yes	16/04/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Y	Yes	Yes	Yes	PB	15/04/17
18			Yes	10/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	18/04/17
19			Yes	19/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	17/04/17
20			Yes	22/04/17	Yes	Yes	Yes	Yes	Yes	21/10/17	Yes	Y	Yes	Yes	Yes	PB	22/04/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship				VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
21			Yes	23/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	23/04/17

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

Table 7 Comments on LSPLV checks

No	Comments
1	The LSPLV did not display the National Registration Number (NRN)
2	The LSPLV did not display the NRN.
3	<p>The fishing logbook was bound but the pages were not numbered with sequential page numbers.</p> <p>Figure 3 Fishing logbook without page numbers used by the XXX</p>
4	<p>The LSPLV did not display the International Radio Call Sign (IRCS) on the starboard side of the vessel (The side which was visible to the observer). The IRCS was displayed on the deck of the ship.</p> <p>Figure 4 The LSPLV XXX did not display the IRCS on the starboard side.</p>
9	The fishing license and authorization to tranship were emailed to the CV prior to transshipment but were not observed aboard the LSPLV.
12	<p>The name displayed by the LSPLV was " XXX ". This did not concur with the name " XXX " reflected in the ICCAT list of authorised vessels.</p> <p>Figure 5 The LSPLV name markings of the XXX</p> <p>The NRN was not displayed by the LSPLV.</p>
13	<p>The Name " XXX " was displayed on the bow of the LSPLV. This did not concur with the name " XXX " provided in the ICCAT list of authorised vessels.</p> <p>Figure 6 The LSPLV name markings of the XXX</p>

17	<p>The NRN reflected on the current ATF was "(XXX " which did not correspond to the registration number XXX " provided by the ICCAT list of authorised vessels.</p> <p>Figure 7 The NRN reflected by the ATF of the LSPLV XXX</p>
19	<p>During tying up operations the observer recorded a significant oil discharge from the port beam of the LSPLV. Photographs were taken.</p>

The observer issued two potential non-compliance (PNC) reports summarised below in Table 8. Both documents were faxed to the CV the following day by the vessel agent.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
18			01	ANS		
19			02	ANS		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel policy is to retain all non-biodegradable waste on board for disposal at suitable land bases facilities. This waste was stored temporarily in a shed in black plastic waste bags before being compressed into sacks and securely stowed on deck.



9.2 Unidentified or IUU vessels

No IUU vessels were observed during this deployment

9.3 Marine mammals.

Very few marine mammals were observed by the observer on this cruise. In addition to the sightings listed in table 9, two sightings of dolphins were reported to the observer by the crew, but only after the fact and these were not recorded.

Table 5 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
20/03/17	11:30	10°45.48N	31°13.92W	Unidentified small dolphins	6 to 10	Accompanying vessel at about 100m abeam at 4.5 knots
28/04/17	10:40	23°28.12S	07°31.14W	Unidentified small whales	2	Two small whales, shaped like Minke whales (<i>Balaenoptera acutorostrata</i>) with small sharp dorsal fins. They submerged very quickly and remained just below the surface as the vessel passed.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		18/03/2017	10°00.959 N	36°50.754 W	Dry cargo.	Yes
		19/03/2017	10°58.053 N	33°12.839 W	Dry cargo.	Yes
		19/03/2017	10°57.838 N	33°13.533 W	Dry cargo.	Yes
		23/03/2017	08°40.503 N	25°31.870 W	Bait and dry cargo.	Yes
		29/03/2017	05°14.251 N	31°36.083 W	Bait and dry cargo.	Yes
		29/03/2017	05°11.055 N	31°41.888 W	Bait and dry cargo.	Yes
		29/03/2017	05°08.031 N	31°46.769 W	Bait and dry cargo.	Yes
		09/04/2017	02°26.957 S	18°04.927 W	Dry cargo.	Yes
		12/04/2017	09°51.656 S	10°28.572 W	Bait and dry cargo.	Yes
		12/04/2017	09°51.101 S	10°29.230 W	Bait and dry cargo.	Yes
		12/04/2017	09°49.780 S	10°31.274 W	Bait and dry cargo.	Yes
		15/04/2017	03°32.788 S	03°37.836 W	Bait and dry cargo.	Yes
		16/04/2017	04°42.025 S	04°47.052 W	Bait and dry cargo.	Yes
		19/04/2017	02°57.872 S	16°58.971 W	Bait and dry cargo. Marpol incident recorded. Crew discarding plastic over-board.	Yes
		19/04/2017	02°57.373 S	17°00.719 W	Bait and dry cargo.	Yes

ICCAT

Observer Report



Trip Number:	198-17
Vessel Name:	TAISEI MARU No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Basil Z. Vilakazi
Cruise Dates:	From: 24/03/2017 to 17/05/2017

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd. and Capricorn Fisheries Monitoring cc., Basil Z. Vilakazi (ICCAT ref.031) joined the Japan registered Carrier Vessel (CV) TAISEI MARU No.24 (AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 24/03/2017 to 17/05/2017

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU No.24	Call sign:	JILE
Port of registration:	ISE- SHI (Japan)	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	Taisei Maru Kaiun Kaisha Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3.200 m/t
Size (GRT):	4.992t	Length (LOA):	124.25m
On-board acoustic equipment:		(JRC) JFE 570S	
Position fixing equipment:		(JRC) JLR- 7700 MK, JLR- 7800, JLR- 680	
Vessel monitoring system (present/absent):		(JRC) JUE- 95VM, Inmarsat C	
Radar:		JMA- 9132-SA, JMA- 6503-9	
Communications equipment:		HF/MF: JRC JSS-800, 2XVHF, JRC JHS-31, Inmarsat B and F33, Navtex, sat. telephone and Email.	
Plotters:		(JRC) NWU- 53	
Tuna products already on board (Quantity)		Yes	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	24/03/2017
Method of embarkation*	Portside
Date of departure	24/03/2017
Date of first transshipment	28/03/2017
Date of last transshipment	10/05/2017
Date of return	17/05/2017
Date of disembarkation	17/05/2017
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 38 transshipments at sea, the locations are shown in detail in

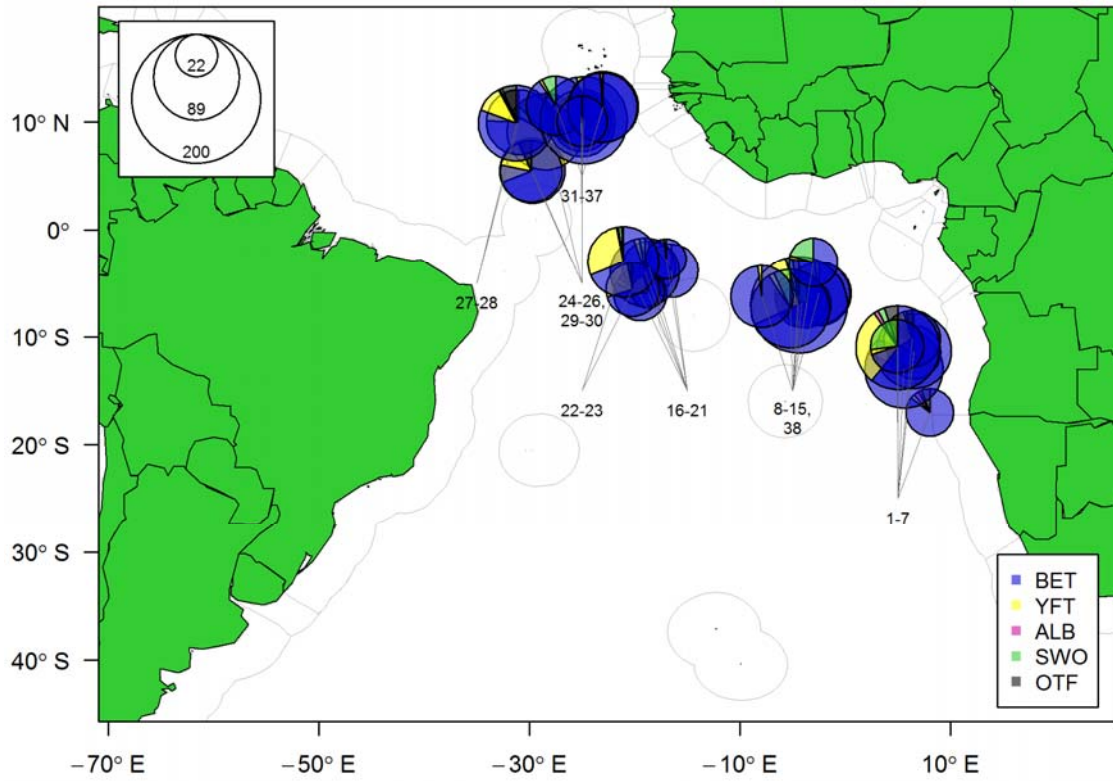


Figure 1. The numbers received by nationality of vessel are given in Table 1.

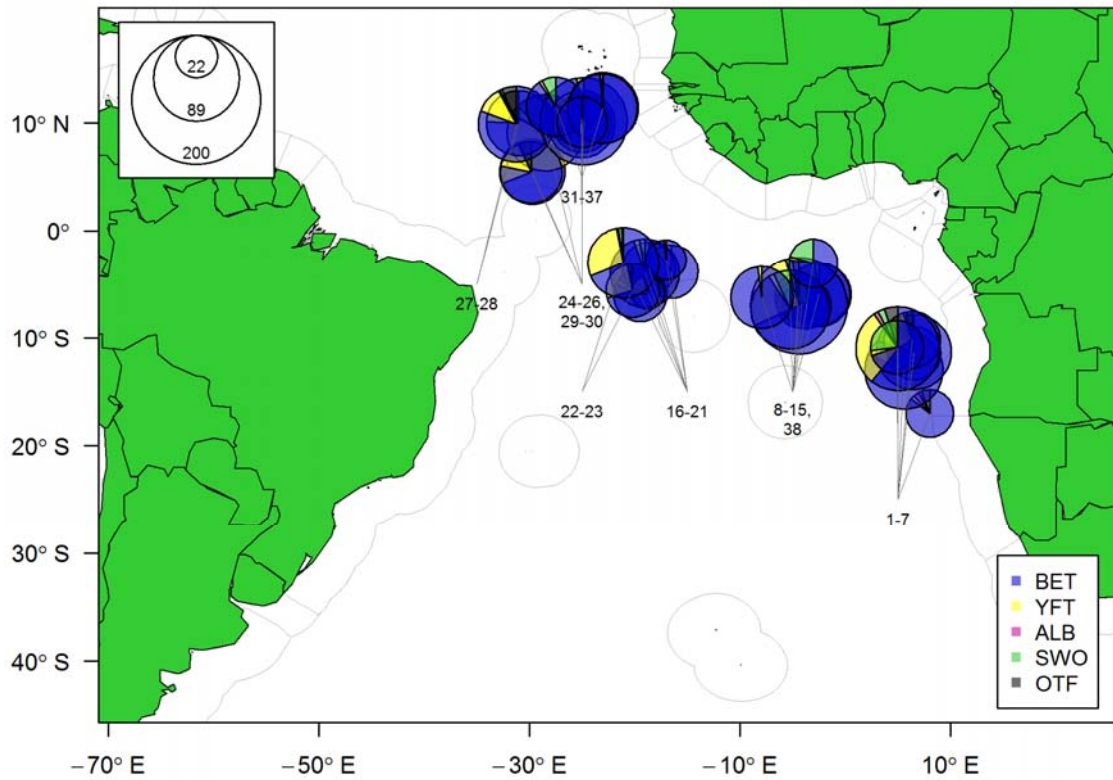


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	1
XXX	3
XXX	15
XXX	19

Comments:

The CV conducted 3 in-port transshipments in Cape Town, South Africa before the observer boarded and one in-port transshipment in Porto Grande, Carbo Verde during the voyage (Appendix 2).

Eight non – ROP cargo transshipments were conducted by the CV for the duration of the deployment (Appendix 1).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	28/03/2017	17°00.078 S	008°00.868 E	03:10	100.00%
2				Yes	30/03/2017	12°58.724 S	005°33.44 E	04:40	100.00%
3				Yes	31/03/2017	11°25.087 S	006°31.506 E	02:15	100.00%
4				Yes	31/03/2017	11°17.479 S	006°29.658 E	02:55	100.00%
5				Yes	01/04/2017	10°09.43 S	006°20.322 E	02:30	100.00%
6				Yes	02/04/2017	10°59.285 S	004°58.739 E	02:15	100.00%
7				Yes	02/04/2017	10°52.141 S	004°55.34 E	03:10	100.00%
8				Yes	04/04/2017	05°58.641 S	002°29.635 W	00:30	100.00%
9				Yes	04/04/2017	05°55.642 S	002°31.923 W	00:30	100.00%
10				Yes	05/04/2017	06°48.455 S	004°09.47 W	04:16	100.00%
11				Yes	06/04/2017	06°11.501 S	004°30.904 W	02:30	100.00%
12				Yes	07/04/2017	06°53.841 S	003°38.74 W	03:00	100.00%
13				Yes	08/04/2017	06°59.237 S	004°24.349 W	02:50	100.00%
14				Yes	09/04/2017	07°21.182 S	005°14.219 W	01:40	100.00%
15				Yes	10/04/2017	06°14.009 S	007°55.54 W	03:05	100.00%
16				Yes	12/04/2017	03°49.916 S	016°31.958 W	02:35	100.00%
17				Yes	13/04/2017	02°43.888 S	017°01.286 W	01:55	100.00%
18				Yes	14/04/2017	03°32.292 S	018°39.383 W	01:55	100.00%
19				Yes	15/04/2017	06°00.498 S	019°29.537 W	01:40	100.00%
20				Yes	16/04/2017	03°57.49 S	019°03.162 W	05:40	100.00%
21				Yes	17/04/2017	05°47.67 S	018°44.261 W	03:15	100.00%
22				Yes	18/04/2017	05°35.789 S	020°11.793 W	02:35	100.00%
23				Yes	19/04/2017	02°59.873 S	021°05.21 W	02:10	100.00%
24				Yes	22/04/2017	05°30.07 N	029°43.704 W	02:15	100.00%
25				Yes	22/04/2017	05°26.305 N	029°50.244 W	01:55	100.00%
26				Yes	23/04/2017	09°06.183 N	028°30.09 W	02:00	100.00%
27				Yes	24/04/2017	09°59.344 N	031°01.121 W	02:55	100.00%
28				Yes	24/04/2017	09°54.282 N	031°16.348 W	00:45	100.00%
29				Yes	26/04/2017	09°58.809 N	025°00.193 W	00:40	100.00%
30				Yes	26/04/2017	09°53.777 N	025°03.832 W	01:35	100.00%
31				Yes	27/04/2017	10°28.81 N	025°00.02 W	03:30	100.00%
32				Yes	27/04/2017	10°23.106 N	025°06.181 W	01:15	100.00%
33				Yes	28/04/2017	10°09.545 N	024°51.116 W	03:35	100.00%
34				Yes	28/04/2017	10°04.268 N	025°00.159 W	02:35	100.00%
35				Yes	29/04/2017	11°30.589 N	027°30.717 W	02:55	100.00%
36				Yes	04/05/2017	11°24.431 N	023°00.628 W	01:15	100.00%
37				Yes	04/05/2017	11°19.537 N	023°03.822 W	03:15	100.00%
38				Yes	10/05/2017	03°02.048 S	003°02.946 W	02:05	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	44.837	46.885	14.238	14.93	0.505	0.438	5.603	5.603	65.183	67.856	2.67	3.94%
2	26.066	29.717	43.964	47.319	3.479	3.615	11.362	12.041	84.871	92.692	7.82	8.44%
3	35.721	37.627	9.836	11.016	0.611	0.611	4.933	5.034	51.101	54.288	3.19	5.87%
4	58.087	61.305	5.888	6.537	0.1745	0.193	3.662	3.662	67.8115	71.697	3.89	5.42%
5	45.454	47.499	7.709	9.099	0.502	0.427	3.814	3.721	57.479	60.746	3.27	5.38%
6	49.382	50.624	9.596	10.313	0.0984	0.575	5.473	5.473	64.5494	66.985	2.44	3.64%
7	71.038	73.04	10.154	10.683	0.955	0.955	5.435	5.529	87.582	90.207	2.63	2.91%
8	9.751	9.801	0.318	0.318	0	0	0	0	10.069	10.119	0.05	0.49%
9	10	10	0	0	0	0	0	0	10	10	0.00	0.00%
10	115.426	118	3.243	3.3	0	0	0	0	118.669	121.3	2.63	2.17%
11	49.506	50	0.982	1.122	4.2	4.2	0	0	54.688	55.322	0.63	1.15%
12	78.551	78.079	1.045	1.277	0	0	0	0	79.596	79.356	-0.24	-0.30%
13	78.208	76.178	1.152	0.823	0	0	0	0	79.36	77.001	-2.36	-3.06%
14	39.659	40.4	0	0	0	0	0	0	39.659	40.4	0.74	1.83%
15	55.378	55.762	1.602	1.395	8.21	8.21	0	0	65.19	65.367	0.18	0.27%
16	59.658	60.559	1.63	1.211	0	0	0	0	61.288	61.77	0.48	0.78%
17	38.891	39.082	0.256	0.473	0	0	0	0	39.147	39.555	0.41	1.03%
18	24.664	25.956	0	0.206	8	8	0	0	32.664	34.162	1.50	4.38%
19	28.482	29.076	0.45	0.337	8.043	8.043	0	0	36.975	37.456	0.48	1.28%
20	99.071	102.134	37.342	40.818	3.205	3.16	3.035	3.524	142.653	149.636	6.98	4.67%
21	86.729	89.867	2.444	2.236	6.697	6.811	0	0	95.87	98.914	3.04	3.08%
22	59.712	60.643	0.985	1.348	0	0	0	0	60.697	61.991	1.29	2.09%
23	28.055	28.997	0.987	0.839	7.748	7.748	0	0	36.79	37.584	0.79	2.11%
24	39.516	41.151	4.002	4.545	0	0	0	0	43.518	45.696	2.18	4.77%
25	40.743	42.636	2.331	2.425	0	0	0	0	43.074	45.061	1.99	4.41%
26	34.147	37	1.286	1.5	3	3	1.28	1.8	39.713	43.3	3.59	8.28%
27	71.11	72	1.795	2	2	2	0	0	74.905	76	1.10	1.44%
28	24.724	25.078	0.494	0.459	0	0	0	0	25.218	25.537	0.32	1.25%
29	12.543	12.674	3.693	3.967	0.689	0.212	0.251	0.301	17.176	17.154	-0.02	-0.13%
30	32.503	32.27	11.58	12.005	1.364	0.899	0.356	0.509	45.803	45.683	-0.12	-0.26%
31	54.028	55.026	20.661	22.469	1.103	1.206	0.518	0.627	76.31	79.328	3.02	3.80%
32	31.386	30.956	1.046	1.016	0.654	0.654	1.972	2.137	35.058	34.763	-0.30	-0.85%
33	80.695	79.614	12.394	12.033	1.694	1.924	2.055	1.884	96.838	95.455	-1.38	-1.45%
34	37.597	40	2.836	3	0.8	0.8	1.125	1	42.358	44.8	2.44	5.45%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
35	69.622	72.062	7.85	8.424	1.579	1.632	4.829	5.472	83.88	87.59	3.71	4.24%
36	33.172	34.016	12.341	14.377	1.169	0.919	1.775	1.799	48.457	51.111	2.65	5.19%
37	64.668	68.14	31.158	33.137	2.7	2.871	6.054	6.017	104.58	110.165	5.59	5.07%
38	32.324	31.696	1.59	1.306	12.167	12.288	0	0	46.081	45.29	-0.79	-1.75%

6 Species and weight transferred

The vessel contained 254.244 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.** and a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Other fish		All	2.41	0.11%	1.71	0.07%
Albacore	<i>Thunnus alalunga</i>	N	9.70	0.43%	11.09	0.48%
Albacore	<i>Thunnus alalunga</i>	S	0.61	0.03%	1.23	0.05%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	14.22	0.63%	14.57	0.62%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	31.20	1.38%	31.38	1.35%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	2.15	0.10%	2.36	0.10%
Atlantic sailfish	<i>Istiophorus albicans</i>	NW	0.22	0.01%	0.28	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.54	0.02%	0.59	0.03%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NW	0.64	0.03%	0.79	0.03%
Bigeye tuna	<i>Thunnus obesus</i>	All	1851.10	81.73%	1895.55	81.31%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.23	0.01%	0.31	0.01%
Dolphinfish	<i>Coryphaena hippurus</i>	NW	0.21	0.01%	0.28	0.01%
Mixed Tunas		All	0.60	0.03%	0.60	0.03%
Opah	<i>Lampris guttatus</i>	All	0.04	0.00%	0.09	0.00%
Opah	<i>Lampris guttatus</i>	NW	0.18	0.01%	0.30	0.01%
Striped marlin	<i>Tetrapturus audax</i>	NW	0.70	0.03%	0.75	0.03%
Swordfish	<i>Xiphias gladius</i>	N	24.21	1.07%	23.53	1.01%
Swordfish	<i>Xiphias gladius</i>	S	57.14	2.52%	57.86	2.48%
Yellowfin tuna	<i>Thunnus albacares</i>	All	268.88	11.87%	288.26	12.36%

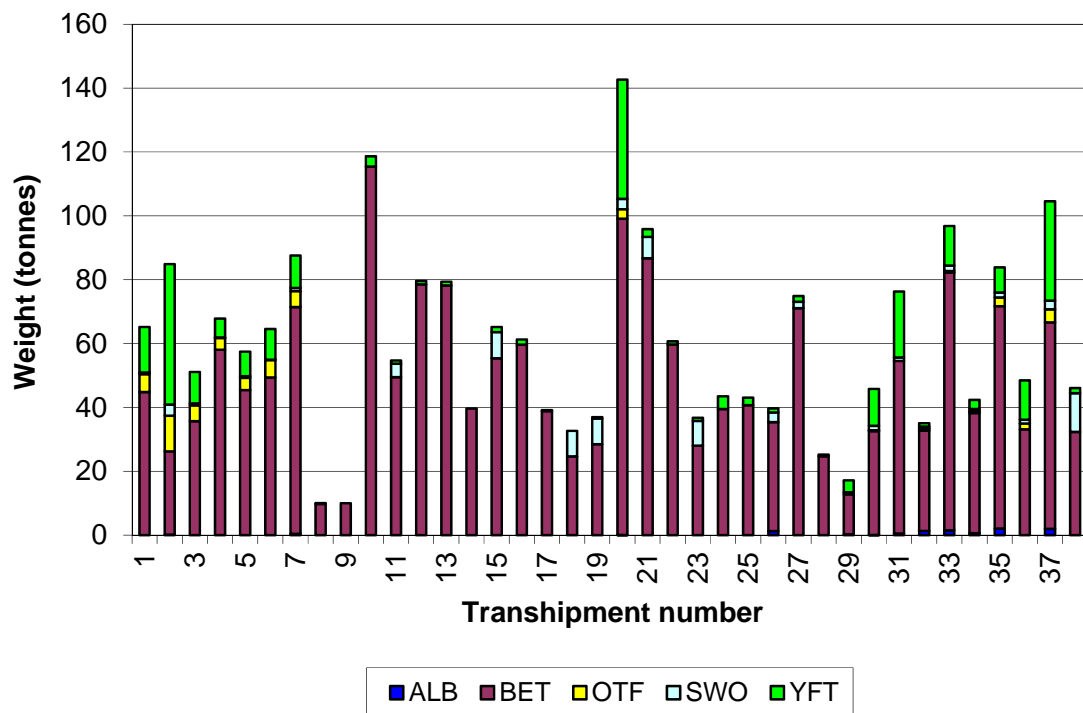


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Other fish		26.73
Albacore	<i>Thunnus alalunga</i>	21.60
Atlantic blue marlin	<i>Makaira nigricans</i>	95.22
Atlantic sailfish	<i>Istiophorus albicans</i>	15.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	9.74
Bigeye tuna	<i>Thunnus obesus</i>	52.15
Dolphinfish	<i>Coryphaena hippurus</i>	5.84
Mixed Tunas		25.00
Opah	<i>Lampris guttatus</i>	10.90
Striped marlin	<i>Tetrapturus audax</i>	26.00
Swordfish	<i>Xiphias gladius</i>	59.95
Yellowfin tuna	<i>Thunnus albacares</i>	44.20

Comments:

The main species of tuna transferred to the carrier vessel were the bigeye tuna (*Thunnus obesus*) and the yellowfin tuna (*Thunnus albacares*). The billfish species (*Istiophoridae spp.*) consisted of the atlantic blue marlin (*Makaira nigricans*) and the striped marlin (*Tetrapturus audax*) and swordfish (*Xiphias gladius*). Fish declared as other fish included albacore (*Thunnus alalunga*), atlantic spanish mackerel (*Scomberomorus maculatus*), dolphinfish (*Coryphaena hippurus*) and opah (*Lampris guttatus*).

The main product types for tuna were processed as gilled and gutted for the bigeye (*T. obesus*) and the yellowfin (*T. albacares*). The billfish species (*Istiophoridae spp*) were either dressed or gilled and gutted when processed. The swordfish (*X. gladius*) were either dressed or filleted. All species in the other fish category were processed as dressed except for the albacore (*T. alalunga*) and dolphinfish (*C. Hippurus*) which were saved as round.

Except for Japanese LSPLVs, all LSPLVs hauled the fish to the hauling deck of the LSPLV before hauling the fish to the CV. This technique allowed the observer ample time to identify different fish species and obtain a good count of the fish.

The fish from the LSPLV were first dropped into a rail cart of the CV and then railed to be adjacent to the receiving hold. The CV used a hook scale which was connected to the derrick that was discharging the rail cart.

The total tonnages to be transhipped by the non- Japanese LSPLVs were pre- confirmed by the CV's main office. The observer used the hand held thumb counter to count the fish and record the different fish species with their respective figures in a transhipment detail form.

The observer's average weights for the different species were mainly based on the LSPLV's declared quantities and weights.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was declared by any LSPLV during this voyage.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type *	Last entry
1			Yes	28/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/03/17
2			Yes	30/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	28/03/17
3			Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	30/03/17
4			Yes	31/03/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	29/03/17
5			Yes	01/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	31/03/17
6			Yes	02/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	01/04/17
7			Yes	02/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	01/04/17
8			Yes	04/04/14	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	PB	03/04/17
9			Yes	04/04/17	Yes	Yes	Yes	Yes	Yes	12/10/17	Yes	Yes	Yes	Yes	Yes	PB	03/04/17
10			Yes	05/04/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	04/04/17
11			Yes	06/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	04/04/17
12			Yes	07/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	06/04/17
13			Yes	08/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	06/04/17
14			Yes	09/04/17	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	08/04/17
15			Yes	10/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	08/04/17
16			Yes	12/04/17	Yes	Yes	Yes	Yes	Yes	05/06/20	Yes	Yes	Yes	Yes	Yes	PB	11/04/17
17			Yes	13/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	12/04/17
18			Yes	14/04/17	Yes	Yes	Yes	Yes	Yes	04/09/20	Yes	Yes	Yes	Yes	Yes	PB	13/04/17
19			Yes	15/04/17	No	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	14/04/17
20			Yes	16/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	01/04/17
21			Yes	17/04/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	16/04/17
22			Yes	18/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	17/04/17
23			Yes	19/04/17	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	18/04/17
24			Yes	22/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	21/04/17
25			Yes	22/04/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	21/04/17
26			Yes	23/04/17	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Yes	Yes	Yes	Yes	PB	22/04/17
27			Yes	24/04/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	22/04/17
28			Yes	24/04/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	23/04/17
29			Yes	26/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	24/04/17
30			Yes	26/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	24/04/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type *	Last entry
31			Yes	27/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	25/04/17
32			Yes	27/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	25/04/17
33			Yes	28/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	26/04/17
34			Yes	28/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/04/17
35			Yes	29/04/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	27/04/17
36			Yes	04/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	02/05/17
37			Yes	04/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	EL	02/05/17
38			Yes	10/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	09/05/17

Comments.

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 **Comments on LSPLV checks**

No	Comments
19	<p>On the bow of the vessel, the letter "XXX" was visible as a weld mark in front of the current name " XXX ". This was only visible at closer distances.</p> <p>Figure 3 Bow markings of the LSPLV XXX.</p>
20	<p>On the bow of the LSPLV, the name was displayed without any spaces e.g. " XXX ". The name reflected on the ICCAT vessel list included some spaces in the name e.g. " XXX ".</p> <p>Figure 4 Bow markings of the XXX</p>
27	<p>The LSPLV name was displayed as " XXX " on the bow and the stern of the vessel. This was not consistent with the name " XXX " provided by the ICCAT vessel list.</p> <p>Figure 5 Bow markings of the XXX</p>

The observer issued 1 Potential Non Compliance (PNC) report for illegible bow markings of the XXX (Figure 3).

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
19	XXX	XXX	1	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a waste management plan in place. All the waste was separated and stored in drums that were clearly stencilled for different types of waste. Only the paper products were incinerated. The food and galley waste excluding the cooking oil was the only waste that was disposed at sea. The engine room was equipped with incinerator and a used oil tank. The engine room was storing its own waste and ash to be disposed in port.

9.2 Unidentified or IUU vessels

There were no IUU vessels that were observed for the duration of the deployment.

9.3 Marine mammals.

There were no sightings of the marine mammals that were observed by the observer.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix 1 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		29/03/2017	17 ⁰ 55'S	6 ⁰ 06'E	Baits, general cargo
		30/03/2017	12 ⁰ 58'S	5 ⁰ 34'E	Baits, general cargo
		03/04/2017	8 ⁰ 48'S	2 ⁰ 27'E	Fuel, general cargo
		09/04/2017	7 ⁰ 21'S	5 ⁰ 15'W	Fuel, general cargo
		23/04/2017	9 ⁰ 02'N	28 ⁰ 36'W	Baits, general cargo
		27/04/2017	10 ⁰ 29'N	24 ⁰ 59'W	General cargo
		05/05/2017	11 ⁰ 12'N	22 ⁰ 44'W	Fuel
		14/05/2017	20 ⁰ 23'S	08 ⁰ 00'E	Fuel

Appendix 2 In-Port Transhipments

No	Name	RFMO No	Flag	Date	Port	BET	YFT	SWO	OTF
1*				21/03/17	Cape Town	70.802	6.806	1.040	4.210
2*				22/3/17	Cape Town	32.678	18.975	0.987	3.490
3*				23/03/17	Cape Town	28.700	73.075	3.420	10.061
4				01/05/17	Sao Vicente	116.592	1.815	1.056	2.755

*Prior to the observer boarding in Cape Town.

ICCAT

Observer Report



Trip Number:	199-17
Vessel Name:	Futagami
ICCAT Ref. No.	AT000LBR00016
Observer Name:	Joaquim Bonito
Cruise Dates:	28/04/2017 to 29/06/2017

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Mrag, Joaquim Jose Pinheiro Da Costa Bonito (R.O.P. No.144) joined the Liberia registered Carrier Vessel (CV) Futagami AT000LBR00016 as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/04/2017 to 29/06/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	D5KG4
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Navisa Maritime SA	Charterer:	Toei Marine
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	142000 CuF
Size (GRT):	2581 Ton.	Length (LOA):	88.94 m.
On-board acoustic equipment:		Furuno echo sounder	
Position fixing equipment:		Furuno GP 150, Jrc 7700 MKII, Anritsu RN406A	
Vessel monitoring system (present/absent):		Present	
Radar:		Furuno MU-201 CR, MU-190	
Communications equipment:		Anritsu VHF Radio RU218A. RU224A, JST-245 Transceiver, Anritsu RR107A receiver	
Plotters:		None	
Tuna products already on board (Quantity)		100 tonnes (transhipment in port)	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	28/04/2017
Method of embarkation*	Portside
Date of departure	29/04/2017
Date of first transhipment	06/05/2017
Date of last transhipment	26/06/2017
Date of return	29/06/2017
Date of disembarkation	29/06/2017
Method of disembarkation*	Crossover to IOTC
Port of return	Singapore

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 28 transshipments at sea; the locations are shown in detail in

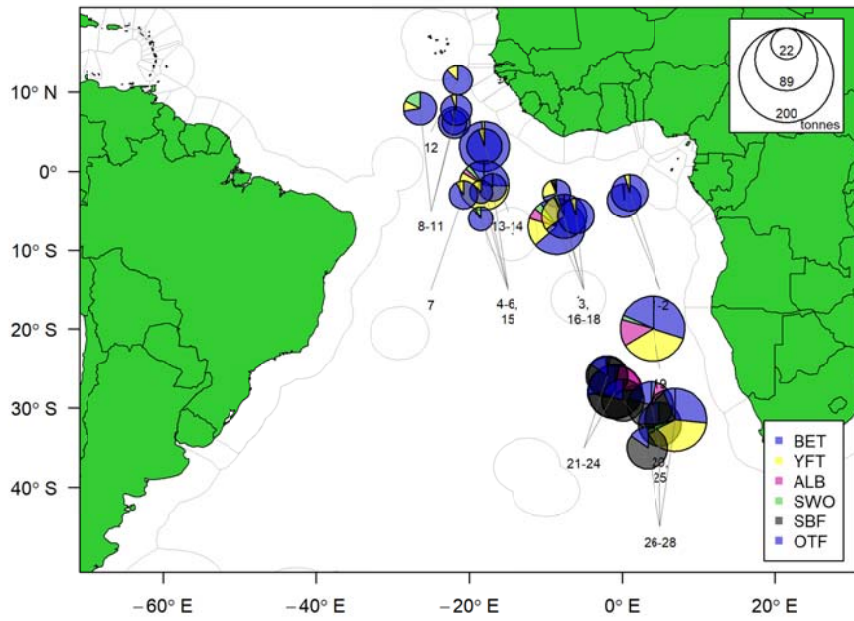


Figure 1, the numbers received by nationality of vessel are given in Table 1.

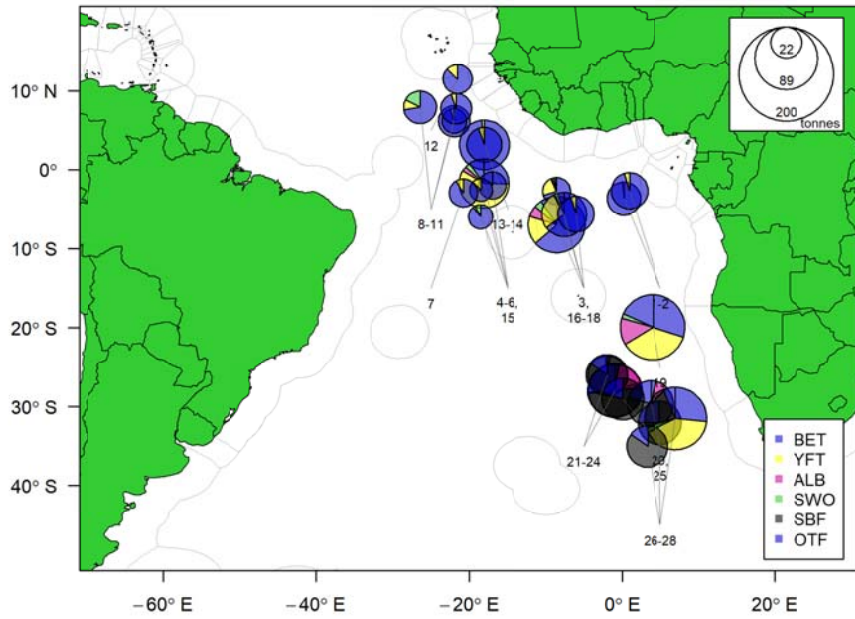


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	11
XXX	15
XXX	1

Comments:

Nine non-ROP transhipments were performed (table 12)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	06/05/17	03°41.047 S	000°11.984 E	03:40	100
2				Yes	07/05/17	02°41.288 S	000°55.922 E	02:30	100
3				Yes	10/05/17	02°44.345 S	008°30.728 W	01:45	100
4				Yes	13/05/17	01°59.915 S	017°00.382 W	01:05	100
5				Yes	15/05/17	05°58.988 S	018°31.825 W	01:25	100
6				Yes	18/05/17	02°35.371 S	018°28.944 W	01:25	100
7				Yes	19/05/17	02°58.061 S	020°47.080 W	01:10	100
8				Yes	21/05/17	06°08.263 N	021°57.845 W	01:00	100
9				Yes	21/05/17	06°10.330 N	021°57.569 W	05:35	100
10				Yes	22/05/17	07°43.320 N	021°42.506 W	02:05	100
11				Yes	24/05/17	07°54.216 N	026°24.705 W	01:25	100
12				Yes	28/05/17	11°29.260 N	021°31.030 W	03:40	100
13				Yes	30/05/17	03°07.415 N	018°02.827 W	01:10	100
14				Yes	30/05/17	03°09.456 N	018°03.559 W	00:45	100
15				Yes	01/06/17	01°45.432 S	018°05.582 W	01:15	100
16				Yes	04/06/17	06°58.447 S	008°30.011 W	00:50	100
17				Yes	05/06/17	05°41.225 S	007°32.231 W	01:30	100
18				Yes	06/06/17	05°38.200 S	006°00.139 W	01:40	100
19				Yes	13/06/17	19°55.812 S	003°59.852 E	06:00	100
20				Yes	16/06/17	29°37.118 S	003°42.862 E	02:35	100
21				Yes	19/06/17	25°59.190 S	001°59.559 W	03:35	100
22				Yes	19/06/17	25°55.582 S	001°58.182 W	03:55	100
23				Yes	20/06/17	27°58.534 S	000°58.969 W	03:55	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
24				Yes	20/06/17	27°55.968 S	000°58.974 W	03:00	100
25				Yes	21/06/17	29°00.308 S	002°00.551 E	02:35	100
26				Yes	23/06/17	32°01.878 S	004°54.450 E	03:10	100
27				Yes	24/06/17	31°28.418 S	006°59.988 E	07:50	100
28				Yes	26/06/17	35°01.061 S	003°18.228 E	03:10	100

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	76.965	78.272	1.607	1.476	0	0	0	0	78.572	79.748	1.176	1.47
2	37.524	37.032	1.987	2.144	0	0	0	0	39.511	39.176	-0.355	-0.86
3	32.886	31.29	0.19	0.177	0	0	0	0	33.076	31.467	-1.609	-5.11
4	18.302	18.471	1.033	1.1	0	0	0	0	19.335	19.571	0.236	1.21
5	28.358	28.723	2.007	1.647	0	0	0	0	30.365	30.37	0.005	0.02
6	26.918	25	3.722	3.5	5.712	6	0	0	36.352	34.5	-1.852	-5.37
7	24.318	23.6	3.472	3.6	0	0	0	0	27.79	27.2	-0.590	-2.17
8	17.85	17.094	5.232	5.571	0.706	0.6	0.809	0.723	24.597	23.988	-0.609	-2.54
9	68.413	64.739	17.144	16.707	6.3	4.717	8.968	9.614	100.825	95.777	-5.048	-5.27
10	39.565	40.825	15.061	17.3	1.58	1.658	2.677	3.002	58.883	62.785	3.902	6.21
11	38.014	39.053	2.577	2.069	0	0	0	0	40.591	41.122	0.531	1.29
12	21.69	19.886	40.662	46.161	4.387	2.622	8.266	7.923	75.005	76.592	1.587	2.07
13	24.608	24.194	0.324	0	0	0	0	0	24.932	24.194	-0.738	-3.05
14	17.369	16.663	0.749	0.586	1.72	1.451	0	0	19.838	18.7	-1.138	-6.09
15	14.369	14.626	1.586	2.146	0	0	0	0	15.955	16.772	0.817	4.87
16	23.799	23.43	2.921	2.12	0	0	0	0	26.72	25.55	-1.170	-4.58
17	33.286	35.206	1.323	0.635	0	0	0	0	34.609	35.841	1.232	3.44
18	39.392	40.51	2.625	2.12	0	0	0	0	42.017	42.63	0.613	1.44
19	43.474	41.012	46.63	50.265	3.7	3.043	25.331	25.038	119.135	119.358	0.223	0.19
20	0.328	0.164	0.188	0.094	0	0	0.702	0.839	44.005	45.75	1.745	3.81
21	2.308	1.795	0.869	0.511	0.363	0.272	23.082	22.686	71.134	72.821	1.687	2.32
22	3.821	2.108	0.68	0.243	1.177	0.523	22.047	25.031	73.985	74.53	0.545	0.73
23	0	0	0	0	0	0	7.218	8.182	50.475	55.017	4.542	8.26
24	1.429	2.313	0.169	0.451	0.374	0.312	13.527	14.471	59.605	64.231	4.626	7.20
25	0	0	0	0	0	0	11.424	11.425	55.472	56.123	0.651	1.16
26	0	0	0	0	0	0	15.074	15.229	59.565	61.932	2.367	3.82
27	30.372	33.794	48.31	52.161	5.239	3.551	7.21	8.086	119.388	127.093	7.705	6.06
28	0	0	0	0	0	0	8.262	8.5	53.845	56.033	2.188	3.90

6 Species and weight transferred

The vessel contained 100.754 tonnes of tuna products from one transshipment in port (Cape Town, South Africa) when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	Unk	64.49	4.49%	68.64	4.70%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	20.81	1.45%	21.42	1.47%
Bigeye tuna	<i>Thunnus obesus</i>	All	665.36	46.35%	659.80	45.23%
Black marlin	<i>Makaira indica</i>	Unk	1.30	0.09%	1.30	0.09%
Blue shark	<i>Prionace glauca</i>	Unk	2.11	0.15%	0.00	0%
Butterfly kingfish	<i>Gasterochisma melampus</i>	Unk	60.64	4.22%	61.99	4.25%
Opah	<i>Lampris guttatus</i>	Unk	1.69	0.12%	1.35	0.09%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Unk	0.05	0%	0.05	0%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	383.30	26.70%	400.79	27.47%
Striped marlin	<i>Tetrapturus audax</i>	Unk	1.89	0.13%	1.68	0.12%
Swordfish	<i>Xiphias gladius</i>	Unk	31.26	2.18%	24.75	1.70%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	Unk	0.06	0%	2.80	0.19%
West African Spanish mackerel	<i>Scomberomorus tritor</i>	Unk	1.55	0.11%	1.52	0.10%
Yellowfin tuna	<i>Thunnus albacares</i>	All	201.07	14.01%	212.78	14.59%

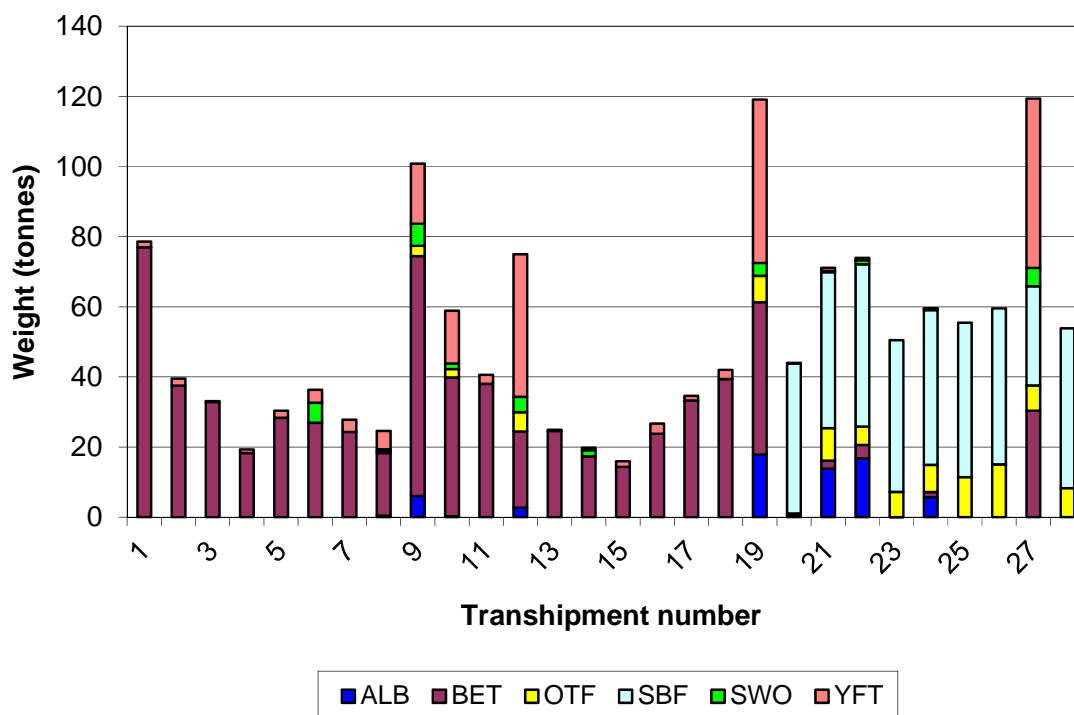


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	17.60
Atlantic blue marlin	<i>Makaira nigricans</i>	132.52
Bigeye tuna	<i>Thunnus obesus</i>	52.31
Black marlin	<i>Makaira indica</i>	93.07
Blue shark	<i>Prionace glauca</i>	56.95
Butterfly kingfish	<i>Gasterochisma melampus</i>	14.09
Opah	<i>Lampris guttatus</i>	11.84
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	27.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	46.21
Striped marlin	<i>Tetrapturus audax</i>	31.02
Swordfish	<i>Xiphias gladius</i>	55.42
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	10.33
West African Spanish mackerel	<i>Scomberomorus tritor</i>	16.81
Yellowfin tuna	<i>Thunnus albacares</i>	42.01

Comments:

The 5 main species transhipped were bigeye tuna (*Thunnus obesus*), southern bluefin tuna (*Thunnus maccoyii*) and yellowfin tuna (*Thunnus albacares*); albacore (*Thunnus alalunga*) and butterfly kingfish (*Gasterochisma melampus*)

The main product type used on the bigeye tuna (*T. obesus*), southern bluefin tuna (*T. maccoyii*) and yellowfin tuna (*T. albacares*) was gilled and gutted (GG) with the gills and guts are removed and the head is left intact.

Albacore (*T. alalunga*) were kept as rounded weight (RD) with the fish left whole and intact.

Butterfly kingfish (*G. melampus*) was dressed (DR) where the head and guts are removed.

The total estimated weight was obtained by using the LSTLV average weight and the observer estimated count.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transshipment time	% Observed
20				Yes	16/06/17	29°37 S	03°42 E	02:35	100
21				Yes	19/06/17	25°59 S	01°59 W	03:25	100
22				Yes	19/06/17	25°55 S	01°58 W	03:55	100
23				Yes	20/06/17	27°58 S	00°58 W	01:55	100
24				Yes	20/06/17	27°55 S	00°58 W	03:00	100
25				Yes	21/06/17	29°00 S	02°00 E	02:35	100
26				Yes	23/06/17	32°01 S	04°54 E	03:10	100
27				Yes	24/06/17	31°28 S	06°59 E	07:50	100
28				Yes	26/06/17	35°01 S	03°18 E	02:35	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
20	9	933		
21	9	1062		
22	9	1020		
23	9	995		
24	9	996		
25	9	963		
26	9	971		
27	9	806		

28	9	926		
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8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	06/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	05/05/17
2			Y	07/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	06/05/17
3			Y	10/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	09/05/17
4			Y	13/05/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	10/05/17
5			Y	15/05/17	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	PB	14/05/17
6			Y	18/05/17	Y	Y	Y	Y	Y	30/06/17	Y	Y	Y	Y	Y	PU	14/05/17
7			Y	19/05/17	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	PB	14/05/17
8			Y	21/05/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	14/05/17
9			Y	21/05/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	18/05/17
10			Y	22/05/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	PB	20/05/17
11			Y	24/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	22/05/17
12			Y	28/05/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	22/05/17
13			Y	30/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	17/05/17
14			Y	30/05/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	27/05/17
15			Y	01/06/17	Y	Y	Y	Y	Y	25/05/18	Y	Y	Y	Y	Y	PB	31/05/17
16			Y	04/06/17	Y	Y	Y	Y	Y	09/06/19	Y	Y	Y	Y	Y	PB	03/06/17
17			Y	05/06/17	Y	Y	Y	Y	Y	06/05/20	Y	Y	Y	Y	Y	PB	04/06/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
18			Y	06/06/17	Y	Y	Y	Y	Y	09/01/18	Y	Y	Y	Y	Y	PB	05/06/17
19			Y	13/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	10/06/17
20			Y	16/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	14/06/17
21			Y	19/06/17	Y	Y	Y	Y	Y	31/07/18	Y	Y	Y	Y	Y	EL	17/06/17
22			Y	19/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	17/06/17
23			Y	20/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	13/06/17
24			Y	20/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	18/06/17
25			Y	21/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	15/06/17
26			Y	23/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	20/06/17
27			Y	24/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	23/06/17
28			Y	26/06/17	Y	Y	Y	Y	Y	31/07/17	Y	Y	Y	Y	Y	EL	23/06/17

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 9 Comments on LSPLV checks

No	Comments
6	<p>XXX The logbook was printed, unbound and the sheets not numbered.</p> <p>Figure XXX 1909 Logbook</p>
13	<p>XXX Vessels NRN was obscured by fouling and algal growth.</p> <p>Figure XXX Vessel NRN Obscured by algae</p>
14	<p>XXX The name of the LSPLV hidden by algae and rust and not visible from a distance. Vessels VMS is connected to a power supply with a switch.</p> <p>Figure 3 XXX Bow Markings Figure 4 XXX VMS and Power Box</p>
15	<p>XXX The name of the LSPLV hidden by algae and rust and not visible from a distance.</p> <p>Figure 5 XXX Bow Markings</p>

The observer made (03) Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
06			19906	LNB	LNN	
14			19914	IIM		
15			19915	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

Notices regarding the disposal of waste was displayed in various locations on the vessel and designated colour coded bins were available for disposal of non-biodegradable waste.

9.2 Unidentified or IUU vessels

No Unidentified or IUU vessels.

9.3 Marine mammals.

No marine sightings.

10 Health and Safety on board the CV

No Health and Safety concerns noted.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/04/17	CPT	CPT	Fish BET, YFT, SWO, BUM, SFA, WAH, OPA	No
		11/05/17	03°09 S	12°48 E	Rice, F, Food, Carton, Wooden Box	Yes
		11/05/17	03°07 S	12°54 E	Freon, Wooden Box, Bait	Yes
		11/05/17	03°06 S	12°57 E	Carton, F. Food , Bait	Yes
		14/05/17	02°59 S	17°11 W	Bunker, Bait	Yes
		16/05/17	06°09 S	18°50 W	Rice, F. Food, Drum, 2 Wooden Boxes, Carton, Bait	Yes
		17/05/17	05°34 S	18°33 W	F. Food, Bait	Yes
		19/05/17	02°58 S	20°44 W	Rice, F.Food, Wooden Box, Rope, Carton. Bait	Yes
		24/05/17	07°51 N	26°29 W	Drum, Carton, Wooden Box, Bait	Yes

ICCAT

Observer Report



Trip Number:	200-17
Vessel Name:	IBUKI
ICCAT Ref. No.	AT000PAN00163
Observer Name:	Brandon Scott
Cruise Dates:	From: 10/05/2017 to 06/07/2017

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries Monitoring cc, Brandon Scott (ROP No. 131) joined the Panama registered Carrier Vessel (CV) IBUKI (RFMO No. AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/05/2017 to 06/07/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	IBUKI	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2.930 Tons
Size (GRT):	6,558 Tons	Length (LOA):	134.15 m
On-board acoustic equipment:	Furuno Navigational Echo Sounder FE-700		
Position fixing equipment:	Furuno Navtex NX-700		
Vessel monitoring system (present/absent):	CLS Thorium TST-100 (present)		
Radar:	Furuno FAR-2xx7 Series Marine Radar (x2)		
Communications equipment:	Furuno MF/HF/VHF/Felcom 18/ FA-150 AIS/ ENTEL HT649		
Plotters:	Furuno GPS Navigator GP-150 (x2)		
Tuna products already on board (Quantity)	221,099 m/t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	10/05/2017
Method of embarkation*	Portside
Date of departure	10/05/2017
Date of first transshipment	16/05/2017
Date of last transshipment	26/06/2017
Date when the CV exited the ICCAT area	06/07/2017
Date of return (disembarkation)	07/08/2017
Date of disembarkation	07/08/2017
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 53 transshipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

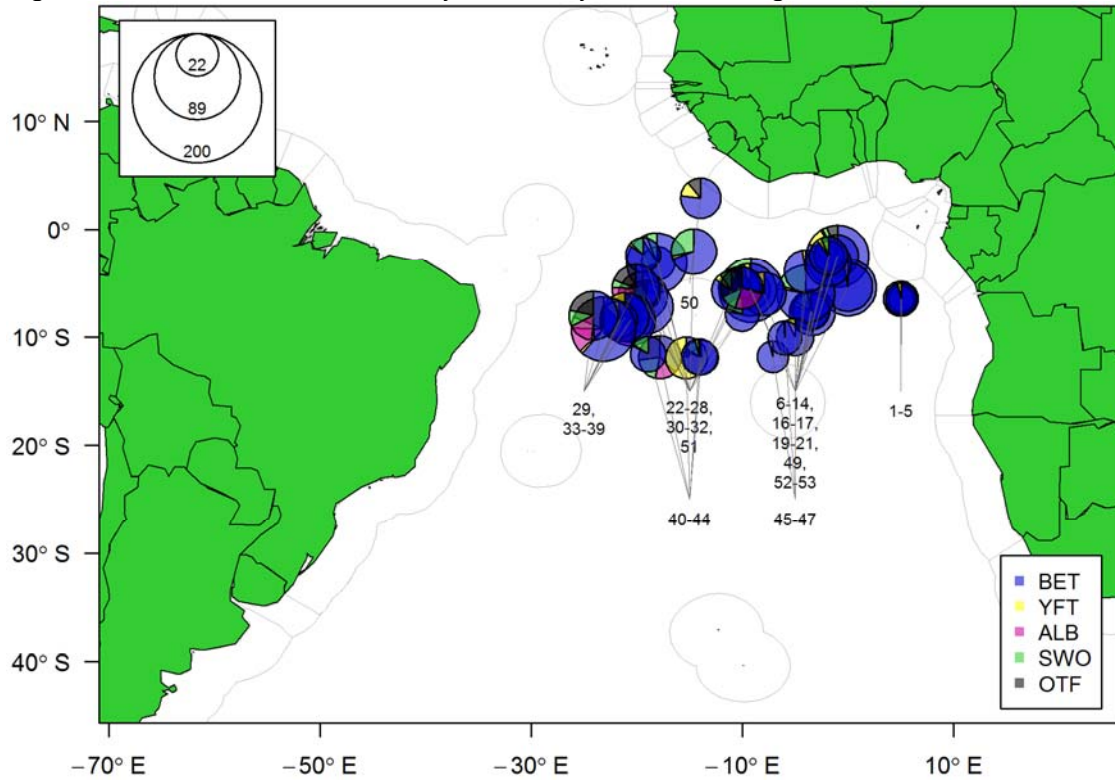


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	4
XXX	22
XXX	5

Comments: Two non ROP cargo transshipments occurred, LSPLV XXX and LSPLV XXX see Table 10 for details.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	16/05/17	06°29.414 S	004°59.529 E	02:00	100%
2				Yes	16/05/17	06°27.672 S	004°59.677 E	04:20	100%
3				Yes	17/05/17	06°30.984 S	005°02.894 E	01:30	100%
4				Yes	17/05/17	06°30.024 S	005°02.642 E	02:33	100%
5				Yes	17/05/17	06°28.55 S	005°02.192 E	01:46	100%
6				Yes	20/05/17	02°30.395 S	000°58.967 W	02:35	100%
7				Yes	20/05/17	02°28.945 S	001°03.067 W	01:24	100%
8				Yes	21/05/17	05°24.32 S	000°00.338 W	01:48	100%
9				Yes	21/05/17	05°21.695 S	000°00.16 W	01:06	100%
10				Yes	22/05/17	07°44.116 S	003°23.73 W	02:37	100%
11				Yes	22/05/17	07°38.981 S	003°29.251 W	01:54	100%
12				Yes	22/05/17	07°36.443 S	003°31.488 W	01:42	100%
13				Yes	22/05/17	07°34.524 S	003°33.056 W	04:12	100%
14				Yes	23/05/17	05°59.367 S	004°00.217 W	01:32	100%
16				Yes	24/05/17	03°11.488 S	001°51.243 W	02:34	100%
17				Yes	25/05/17	03°53.932 S	004°00.45 W	02:06	100%
19				Yes	27/05/17	05°39.542 S	009°11.778 W	01:08	100%
20				Yes	27/05/17	05°38.759 S	009°13.843 W	01:27	100%
21				Yes	27/05/17	05°36.99 S	009°17.244 W	01:45	100%
22				Yes	28/05/17	05°27.551 S	010°04.553 W	01:18	100%
23				Yes	28/05/17	05°24.57 S	010°18.659 W	01:13	100%
24				Yes	29/05/17	05°41.113 S	011°03.439 W	05:12	100%
25				Yes	30/05/17	02°03.289 S	014°36.612 W	02:07	100%
26				Yes	01/06/17	02°22.614 S	019°24.416 W	03:11	100%
27				Yes	02/06/17	03°08.762 S	018°00.04 W	00:38	100%
28				Yes	02/06/17	03°07.756 S	018°07.595 W	02:41	100%
29				Yes	03/06/17	05°28.701 S	020°05.673 W	02:50	100%
30				Yes	04/06/17	06°12.947 S	019°27.028 W	01:45	100%
31				Yes	05/06/17	06°09.767 S	019°01.385 W	01:02	100%
32				Yes	05/06/17	07°12.934 S	019°05.172 W	07:38	100%
33				Yes	06/06/17	08°28.012 S	020°33.892 W	01:53	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
34				Yes	06/06/17	08°26.397 S	020°38.967 W	01:50	100%
35				Yes	06/06/17	08°09.788 S	021°09.583 W	02:31	100%
36				Yes	07/06/17	08°26.807 S	021°32.586 W	03:09	100%
37				Yes	07/06/17	08°23.502 S	021°41.452 W	01:27	100%
38				Yes	08/06/17	09°15.161 S	023°10.434 W	05:26	100%
39				Yes	09/06/17	08°00.788 S	024°07.2 W	03:39	100%
40				Yes	11/06/17	11°34.209 S	018°56.284 W	01:03	100%
41				Yes	12/06/17	11°52.006 S	017°48.872 W	01:08	100%
42				Yes	13/06/17	11°54.925 S	015°18.687 W	01:21	100%
43				Yes	14/06/17	11°52.398 S	013°56.675 W	00:50	100%
44				Yes	14/06/17	11°49.834 S	014°04.654 W	00:59	100%
45				Yes	16/06/17	11°49.125 S	007°07.168 W	01:23	100%
46				Yes	17/06/17	10°00.02 S	005°01.181 W	01:19	100%
47				Yes	18/06/17	10°05.05 S	006°00.165 W	01:15	100%
49				Yes	19/06/17	05°59.887 S	007°55.823 W	02:45	100%
50				Yes	21/06/17	02°53.57 N	013°57.215 W	01:31	100%
51				Yes	24/06/17	07°54.482 S	010°01.803 W	01:39	100%
52				Yes	26/06/17	02°29.185 S	001°49.644 W	01:11	100%
53				Yes	26/06/17	02°27.968 S	001°51.187 W	01:16	100%

Comments:

All Transhipments were observed for the full duration and all LSPLV's documentation and equipment were inspected

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	29.593	29.829	4.317	4.69	0	0	4.645	4.252	38.555	38.771	0.22	0.56%
2	73.059	76.08	7.464	8.683	2.358	2.313	5.208	5.298	88.089	92.374	4.29	4.64%
3	40.304	43.288	0.814	0.814	0	0	0	0	41.118	44.102	2.98	6.77%
4	70.056	76.01	1.028	1.131	0	0	0	0	71.084	77.141	6.06	7.85%
5	55.565	54.9	1.909	1.73	0	0	0	0	57.474	56.63	-0.84	-1.49%
6	46.984	47.582	2.077	2.35	0	0	0	0	49.061	49.932	0.87	1.74%
7	28.533	28.85	2.3	2.3	0	0	0	0	30.833	31.15	0.32	1.02%
8	23.527	24.029	1.198	1.198	4.637	4.92	0	0	29.362	30.147	0.78	2.60%
9	33.786	34.201	0.856	0.856	0	0	0	0	34.642	35.057	0.41	1.18%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
10	55.65	62.22	1.405	1.405	14.945	16.11	0	0	72	79.735	7.74	9.70%
11	48.182	47.68	1.067	1.174	1.023	0.95	0	0	50.272	49.804	-0.47	-0.94%
12	43.589	42.802	1.15	1.15	0	0	0	0	44.739	43.952	-0.79	-1.79%
13	74.654	74.481	1.189	1.189	23	22.429	0	0	98.843	98.099	-0.74	-0.76%
14	32.69	32.325	3.705	3.539	0	0	0	0	36.395	35.864	-0.53	-1.48%
16	62.843	63.5	2.563	2.5	0	0	0	0	65.406	66	0.59	0.90%
17	42.292	42.2	2.794	2.794	0	0	0	0	45.086	44.994	-0.09	-0.20%
19	20.141	20.552	1.285	1.285	0	0	0	0	21.426	21.837	0.41	1.88%
20	33.217	31.991	1.415	1.415	2.3	2.3	0	0	36.932	35.706	-1.23	-3.43%
21	35.254	37.329	1.88	1.88	0	0	0.94	0.94	38.074	40.149	2.08	5.17%
22	31.061	31.489	1.844	1.967	3.671	3.671	0	0	36.576	37.127	0.55	1.48%
23	16.111	17.61	0.961	0.961	7.577	8	0	0	24.649	26.571	1.92	7.23%
24	79.731	79.484	2.304	2.474	4.936	4.936	0	0	86.971	86.894	-0.08	-0.09%
25	20.377	21	0.8	0.8	5.2	5.2	0	0	26.377	27	0.62	2.31%
26	29.604	30.204	1.71	1.771	2.318	2.318	14.133	14.133	47.765	48.426	0.66	1.36%
27	6.61	6.61	0.369	0.369	6.139	6.519	1.223	1.223	14.341	14.721	0.38	2.58%
28	43.392	46.491	0.949	1.049	4.47	4.47	8.669	8.845	57.48	60.855	3.38	5.55%
29	31.93	34.292	1.448	1.148	13.343	14.016	0	0	46.721	49.456	2.74	5.53%
30	10.845	11.908	0.57	0.678	5.431	5.477	12.791	13.453	29.637	31.516	1.88	5.96%
31	24.225	24.377	0.764	0.764	3.226	3.654	0	0	28.215	28.795	0.58	2.01%
32	28.134	31.21	1.011	1.179	2.788	2.788	10.106	10.487	42.039	45.664	3.63	7.94%
33	33.02	36.81	3.908	4.135	0	0	0	0	36.928	40.945	4.02	9.81%
34	38.738	42.329	3.77	4.265	0	0	0	0	42.508	46.594	4.09	8.77%
35	28.704	28.989	1.122	1.272	2.108	2.28	16.87	17.671	48.804	50.212	1.41	2.80%
36	45.424	50.769	5.447	5.615	0	0	0	0	50.871	56.384	5.51	9.78%
37	27.967	27.967	4.015	4.015	0	0	0	0	31.982	31.982	0.00	0.00%
38	57.085	60.935	1.518	1.614	5.316	5.316	18.27	18.847	82.189	86.712	4.52	5.22%
39	27.458	28.27	0.913	0.913	5.716	6.094	12.041	12.163	46.128	47.44	1.31	2.77%
40	17.808	18.603	1.685	1.685	0	0	0	0	19.493	20.288	0.80	3.92%
41	25.051	27.863	1.077	1.144	0	0	0	0	26.128	29.007	2.88	9.93%
42	21.03	22.671	0.818	0.962	0	0	0	0	21.848	23.633	1.79	7.55%
43	13.989	14.936	0.4	0.52	0	0	0	0	14.389	15.456	1.07	6.90%
44	22.496	22.641	0.887	0.887	0	0	0	0	23.383	23.528	0.15	0.62%
45	22.799	22.646	0.99	0.99	0	0	0	0	23.789	23.636	-0.15	-0.65%
46	28.14	30.616	1.673	2.384	0	0	0	0	29.813	33	3.19	9.66%
47	26.85	26.85	0.208	0.208	0	0	0	0	27.058	27.058	0.00	0.00%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
49	15.84	16.355	0.068	0.068	8.159	8.441	11.658	11.939	35.725	36.803	1.08	2.93%
50	5.569	5.425	36.416	36.138	0	0	0	0	41.985	41.563	-0.42	-1.02%
51	21.911	23.5	0.711	0.711	4.73	4.73	0	0	27.352	28.941	1.59	5.49%
52	23.938	24.913	0.374	0.449	4.816	4.816	0	0	29.128	30.178	1.05	3.48%
53	30.619	29.68	1.02	1.02	0	0	0.236	0.3	31.875	31	-0.88	-2.82%

Comments:

The observer estimations were within 10% of the amounts declared for all transshipments.

6 Species and weight transferred

The carrier vessel contained 221.099 tons of tuna products when the observer boarded. This was verified by the Captain of the CV and copies of the transshipment declarations for this amount were given to the observer. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight(t)	%	Weight(t)	%
Albacore	<i>Thunnus alalunga</i>	All	19.88	0.89%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	0.90	0.04%
Albacore	<i>Thunnus alalunga</i>	S	58.75	2.62%	79.15	3.40%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	22.10	0.99%	22.88	0.98%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.24	0.01%	0.24	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	1.29	0.06%	0.08	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	1838.14	81.95%	1907.99	82.06%
Oilfish	<i>Ruvettus pretiosus</i>	All	6.41	0.29%	6.80	0.29%
Opah	<i>Lampris guttatus</i>	All	0.94	0.04%	0.49	0.02%
Other		All	5.63	0.25%	7.21	0.31%
Striped marlin	<i>Tetrapturus audax</i>	All	0.27	0.01%	0.30	0.01%
Swordfish	<i>Xiphias gladius</i>	All	47.18	2.10%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	8.75	0.38%
Swordfish	<i>Xiphias gladius</i>	S	98.82	4.41%	139.00	5.98%
Various sharks	<i>Selachimorpha (Pleurotremata)</i>	All	2.53	0.11%	2.53	0.11%
Yellowfin tuna	<i>Thunnus albacares</i>	All	141.15	6.29%	149.11	6.41%

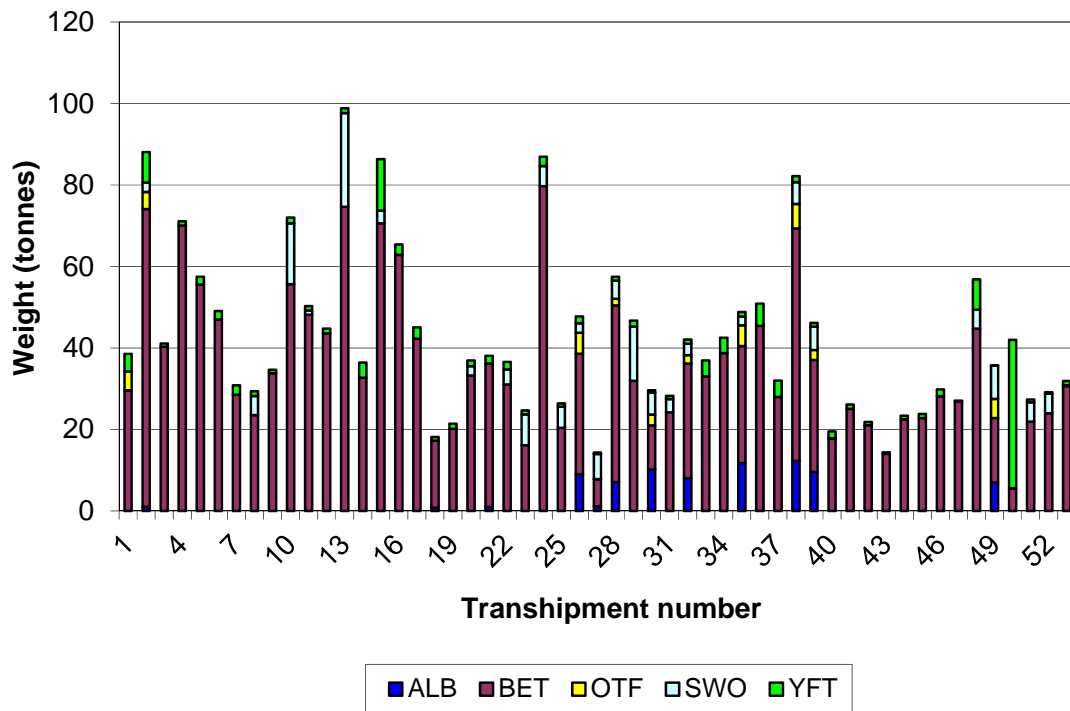


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	23.05
Atlantic blue marlin	<i>Makaira nigricans</i>	72.45
Atlantic sailfish	<i>Istiophorus albicans</i>	24.40
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	12.32
Bigeye tuna	<i>Thunnus obesus</i>	46.48
Oilfish	<i>Ruvettus pretiosus</i>	16.40
Opah	<i>Lampris guttatus</i>	16.71
Striped marlin	<i>Tetrapturus audax</i>	22.75
Swordfish	<i>Xiphias gladius</i>	50.38
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	32.88
Yellowfin tuna	<i>Thunnus albacares</i>	43.97

Comments:

The main species declared were bigeye tuna (*T. obesus* [41 130 fish]) and yellowfin tuna (*T. albacares* [3 414 fish]). Both these species had been gilled and gutted (GG). Other species transhipped were: swordfish (*X. gladius*), striped marlin (*T. audax*), albacore (*T. alalunga*), Atlantic blue marlin (*M. nigricans*), Atlantic Spanish mackerel (*S. maculatus*), oilfish (*R. pretiosus*), opah (*L. guttatus*), Atlantic sailfish (*Istiophorus albicans*) and various sharks nei (*Selachimorpha [Pleurotremata]*).

The CV had no hook scale on board. Therefore the observer derived average weights through two methods:

- Use of an average weight determined by the number of fish and weight information as per the amounts submitted by the LSPLVs (total declared product weight of species divided by the total declared number of product species).
- The observer's independent visual weight/count estimation, that was collaborated with the CVs crane operator, where possible.

If the observer's visual estimation corresponded with those of the LSPLVs, then the observer utilised the average weights calculated from the TD figures. If not, the observer calculated the visual estimated string weight per species and multiplied that by the number of fish per species counted. The total weight per species was then divided by the total number of fish per species counted to calculate an average weight per species. The observer utilised a thumb counter to tally transhipped product.

7 Southern bluefin tuna transhipments

No Southern bluefin tuna (*Thunnus maccoyii*) were transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	16/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	12/05/17
2			Yes	16/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PU	12/05/17
3			Yes	17/05/17	Yes	Yes	Yes	Yes	Yes	03/03/20	Yes	Yes	Yes	Yes	Yes	PB	17/05/17
4			Yes	17/05/17	Yes	Yes	Yes	Yes	Yes	28/03/20	Yes	Yes	Yes	Yes	Yes	PB	17/05/17
5			Yes	17/05/17	Yes	Yes	Yes	Yes	Yes	14/07/20	Yes	Yes	Yes	Yes	Yes	PB	16/05/17
6			Yes	20/05/17	Yes	Yes	Yes	Yes	Yes	07/08/20	Yes	Yes	Yes	Yes	Yes	PB	16/05/17
7			Yes	20/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	19/05/17
8			Yes	21/05/17	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/05/17
9			Yes	21/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	20/05/17
10			Yes	22/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	21/05/17
11			Yes	22/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	21/05/17
12			Yes	22/05/17	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	Yes	Yes	Yes	Yes	PB	21/05/17
13			Yes	22/05/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	22/05/17
14			Yes	23/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	22/05/17
16			Yes	24/05/17	Yes	Yes	Yes	Yes	Yes	15/07/17	Yes	Yes	Yes	Yes	Yes	PB	23/05/17
17			Yes	25/05/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	24/05/17
19			Yes	27/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	20/05/17
20			Yes	27/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	26/05/17
21			Yes	27/05/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	25/05/17
22			Yes	28/05/17	Yes	Yes	Yes	Yes	Yes	18/08/19	Yes	Yes	Yes	Yes	Yes	PB	28/05/17
23			Yes	28/05/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	27/05/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
24			Yes	29/05/17	Yes	Yes	Yes	Yes	Yes	15/12/20	Yes	Yes	Yes	Yes	Yes	PB	28/05/17
25			Yes	30/05/17	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Yes	Yes	Yes	Yes	PB	27/05/17
26			Yes	01/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	31/05/17
27			Yes	02/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	01/06/17
28			Yes	02/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	01/06/17
29			Yes	03/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	02/06/17
30			Yes	04/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	03/06/17
31			Yes	05/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	04/06/17
32			Yes	05/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	04/06/17
33			Yes	06/06/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	No	No	Yes	PB	05/06/17
34			Yes	06/06/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	05/06/17
35			Yes	06/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	05/06/17
36			Yes	07/06/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	06/06/17
37			Yes	07/06/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	06/06/17
38			Yes	08/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	07/06/17
39			Yes	09/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	07/06/17
40			Yes	11/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	10/06/17
41			Yes	12/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	10/06/17
42			Yes	13/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	11/06/17
43			Yes	14/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/06/17
44			Yes	14/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	13/06/17
45			Yes	16/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	15/06/17
46			Yes	17/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	16/06/17
47			Yes	18/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	18/06/17
49			Yes	19/06/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	17/08/17
50			Yes	21/06/17	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	19/06/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
51			Yes	24/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Yes	Yes	Yes	Yes	PB	22/06/17
52			Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	07/08/20	Yes	Yes	Yes	Yes	Yes	PB	25/06/17
53			Yes	26/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	25/06/17

Comments.

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
The observer did not encounter any problems during the LSTLV inspections. The observer was transferred from the CV to the LSTLV and back by means of a light net with a pallet board in the centre (for standing stability), that was hoisted by the CVs crane. Sea conditions for all transfers were deemed acceptable by the captain, the chief officer and the observer.

Table 7 Comments on LSPLV checks

No	Comments
1	<p>The LSPLV was fitted with an ARGOS MARGE V2 VMS unit which was switched on during inspection. The power to the VMS was not hard wired, but rather supplied from a plug socket which could be unplugged easily.</p> <p>Figure 3 VMS and power supply of the XXX</p>
1	<p>The logbook was printed and unbound. The observer specifically requested to see the electronic logbooks but these were not available.</p> <p>Figure 4 unbound logbook used by the XXX</p>
2	<p>The vessel was fitted with an ARGOS MARGE V2 VMS unit and was switched on during inspection. The power to the VMS was not hard wired, but rather supplied from a plug socket (circled in photograph) which could be unplugged easily.</p> <p>Figure 5 VMS (left) and Power supply (right) fitted to the XXX</p>
2	<p>The logbook was printed and unbound. The observer specifically requested to see the electronic logbooks but these were not available.</p> <p>Figure 6 Unbound logbook used by the XXX</p>
10	<p>The vessel was fitted with an ARGOS MARGE V2 VMS unit which was switched on during inspection. The power to the VMS was not hard wired, but rather supplied from a plug socket which could be unplugged easily.</p> <p>Figure 7 VMS unit and power plug (Circled) fitted to the XXX</p>
14	<p>The vessel was fitted with an ARGOS (CLS) LEO VMS unit and was switched on during inspection. The VMS unit was fitted with power switch.</p> <p>Figure 8 VMS unit and power switch (circled) fitted to the XXX</p>

29	<p>There was substantial wear and rust on the paint over much of the vessel's name on the bow of the vessel, which made it difficult to read. A PNC was issued. The observer notified both the CV master and the LSPLV master, and both were given copies of the PNC. The LSPLV master indicated to the observer that, after completion of the transshipment, the vessel was on route to Dakar, Senegal and that the rust and vessel name would be rectified in port.</p> <p>Figure 9 Bow markings of the XXX</p>
33	<p>The LSPLV was fitted with antennae for ARGOS Marge V2 and a Thrane & Thrane Capsat TT-3026S Mini-C VMS units, but the LSPLV captain was unable to show the observer either of the indoor units. An unknown device was shown to the observer instead. A PNC was issued and both the CV and LSPLV captains were informed and both were given copies of the PNC issued.</p> <p>Figure 10 Device shown as VMS on board the XXX</p>
47	<p>The vessel was fitted with an ARGOS (CLS) LEO VMS unit and was switched on during inspection. The VMS unit was fitted with power switch.</p> <p>Figure 11 VMS and power switch fitted to the XXX</p>

The observer issued two Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
29			1	IIM		
33			2	VNP	IIM	

9 Other Observer Tasks.

9.1 CV waste disposal

The CV allocated garbage storage receptacles on the POOP deck starboard side amidships of the vessel. Four 25 gallon metal drums (with lids) demarcated and painted: red – cargo residue; yellow – operations waste; blue - plastics; and green - domestic waste. There was also a large steel structure, alongside the garbage storage receptacles, that was used to hold all garbage in large black garbage disposal bags. It was the Mess man's duty to sort this and separate plastics, glass and other waste products. The Chief Officer kept a thorough record of all garbage. Disposal of this garbage only occurred in port by contracted garbage disposal companies. Food waste, was disposed of at sea as per MARPOL regulations

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
28/05/17	12:39	005° 24.761S	010° 19.133W	common bottle-nose dolphin (<i>Tursiops truncates</i>)	±20	Porpoising and breaching parallel to the vessel in the same direction ±10m away
27/06/17	09:54	005° 22.428S	000° 12.421E	common bottle-nose dolphin (<i>Tursiops truncates</i>)	±30	Porpoising and breaching parallel to the vessel in the same direction ±200m away

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix

Table 10 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		18/05/17	007° 59.723 S	007° 01.219 E	Transfer of bait, dry goods and frozen produce. Transhipment of tuna and tuna like species occurred with this vessel on 18/06/2017	5
		01/06/17	002° 20.416 S	019° 22.157 W	Transfer of bait, dry goods and frozen produce.	4

ICCAT

Observer Report



Trip Number:	201-17
Vessel Name:	TAISEI MARU No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 30/05/2017 to 24/08/2017

1 Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA CO. LTD. and Capfish cc., A.T. Dimitrov ROP No.117 joined the Japan registered Carrier Vessel (CV) Taisei Maru No.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/05/2017 to 02/08/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU No.15	Call sign:	7JTK
Port of registration:	ISE	Flag State:	Japan
Owner:	TAISEI MARU KAIUN KAISHA CO., LTD.	Charterer:	TAISEI MARU KAIUN KAISHA CO., LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7m ³ .
Size (GRT):	4969t.	Length (LOA):	124.25m.
On-board acoustic equipment:	JRC – JFE 570S		
Position fixing equipment:	2xJRC – Type JLR – 7700MKII		
Vessel monitoring system (present/absent):	Present – JRC JUE - 95VM INMARSAT C		
Radar:	1xJMA – 9833SA / 1xJMA – 7700 series		
Communications equipment:	MF/HF: JRC JSS – 800 2xVHF: JRC JHS – N32A Inmarsat F33, FB and C		
Plotters:	JRC JMA – 7700		
Tuna products already on board (Quantity)	0t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	30/05/2017
Method of embarkation*	Portside
Date of departure	30/05/2017
Date of first transshipment	01/06/2017
Date of last transshipment	31/07/2017
Date when CV exited the Atlantic Ocean (20°E)	02/08/2017
Date of return	23/08/2017
Date of disembarkation	24/08/2017
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore, Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 36 transshipments at sea, the locations are shown in detail in

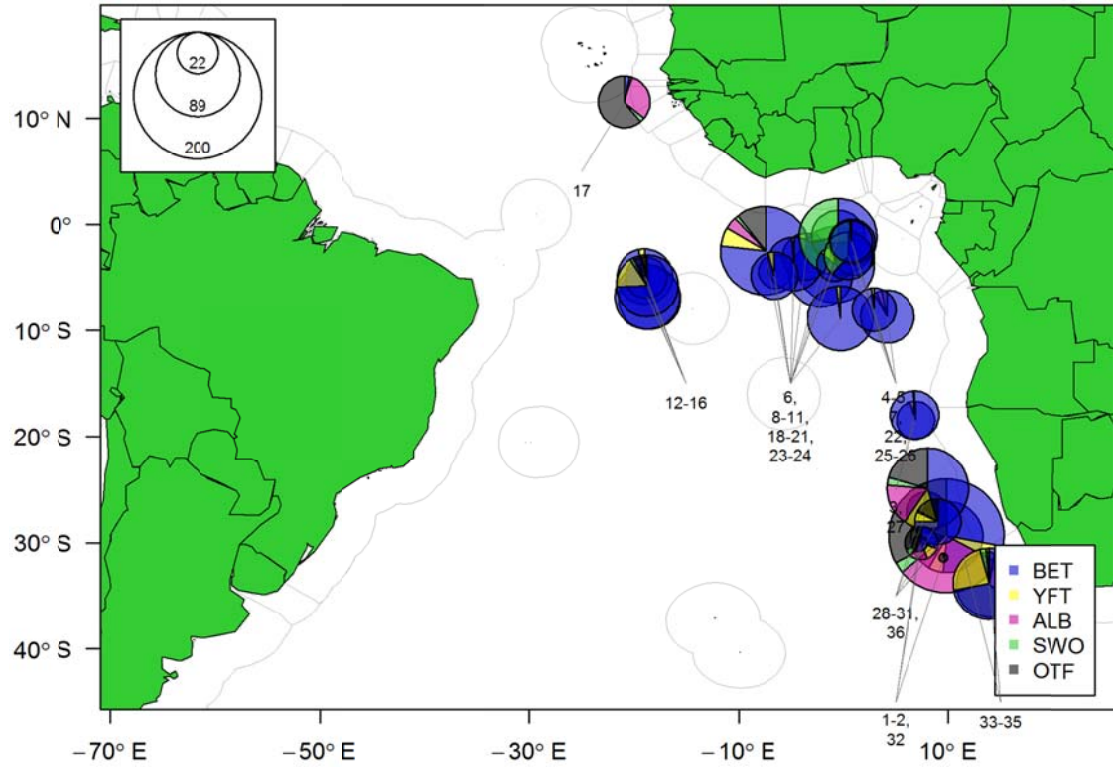


Figure 1. The numbers received by nationality of vessel are given in Table 1.

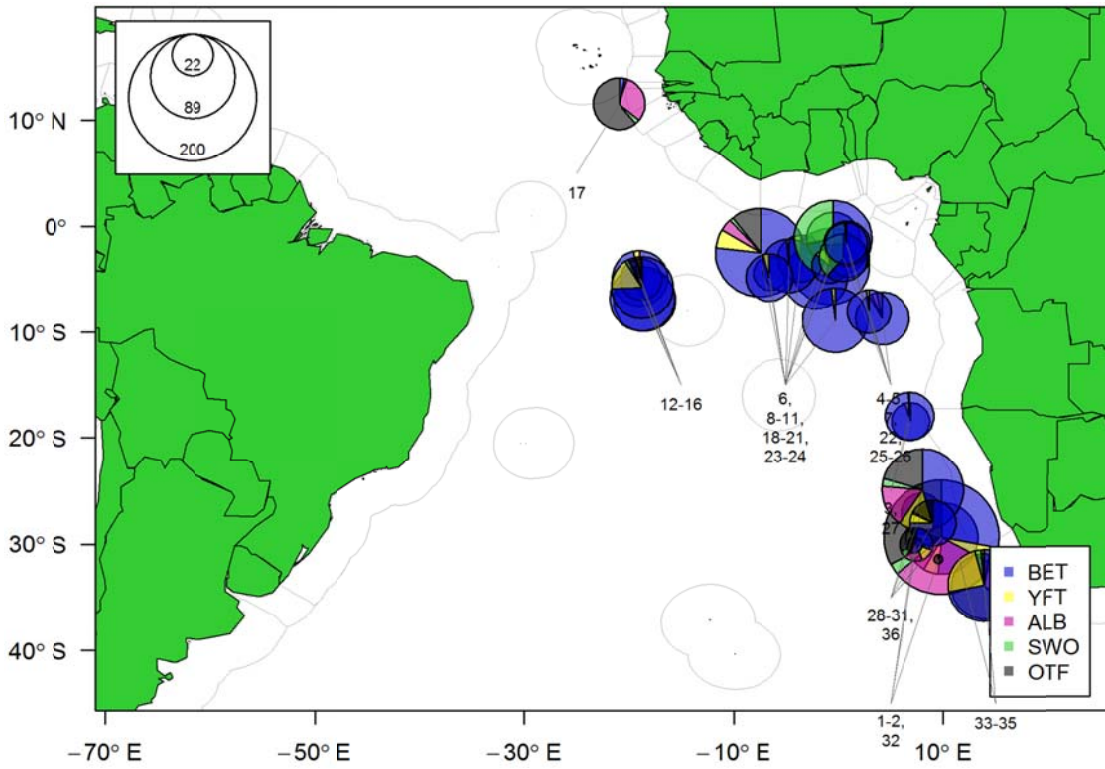


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	18
XXX	18

Comments: In addition the CV transhipped cargo to 10 LSPLVs. A summary of these transshipments are reflected in table 12 in the appendices section.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	01/06/17	30°01.553 S	007°26.497 E	03:55	100.00%
2				Yes	02/06/17	30°04.832 S	007°16.358 E	07:15	100.00%
3				Yes	05/06/17	18°26.654 S	006°54.027 E	03:05	100.00%
4				Yes	07/06/17	08°43.027 S	004°10.912 E	03:05	100.00%
5				Yes	07/06/17	08°03.376 S	002°56.221 E	03:05	100.00%
6				Yes	08/06/17	08°52.75 S	000°17.303 W	00:40	100.00%
7				Yes	09/06/17	02°56.78 S	001°01.506 E	01:50	100.00%
8				Yes	10/06/17	03°48.091 S	000°44.603 W	02:05	100.00%
9				Yes	10/06/17	03°44.778 S	000°50.151 W	01:35	100.00%
10				Yes	11/06/17	04°50.305 S	002°10.479 W	03:50	100.00%
11				Yes	13/06/17	02°29.851 S	007°28.44 W	00:40	100.00%
12				Yes	15/06/17	07°00.353 S	018°30.778 W	01:35	100.00%
13				Yes	16/06/17	06°50.721 S	018°43.13 W	02:10	100.00%
14				Yes	17/06/17	05°01.967 S	018°47.275 W	02:00	100.00%
15				Yes	17/06/17	04°55.755 S	018°56.454 W	02:25	100.00%
16				Yes	18/06/17	05°47.708 S	018°43.539 W	00:50	100.00%
17				Yes	21/06/17	11°33.713 N	020°55.338 W	01:55	100.00%
18				Yes	30/06/17	03°44.559 S	004°39.56 W	01:35	100.00%
19				Yes	01/07/17	04°51.191 S	006°35.145 W	01:00	100.00%
20				Yes	02/07/17	04°27.628 S	006°31.386 W	01:15	100.00%
21				Yes	03/07/17	03°03.727 S	003°31.788 W	01:10	100.00%
22				Yes	04/07/17	02°58.575 S	000°27.71 E	01:15	100.00%
23				Yes	05/07/17	01°10.47 S	000°28.534 W	00:55	100.00%
24				Yes	05/07/17	01°10.179 S	000°30.34 W	00:45	100.00%
25				Yes	06/07/17	01°40.006 S	000°49.304 E	01:25	100.00%
26				Yes	06/07/17	01°38.076 S	000°46.374 E	00:50	100.00%
27				Yes	09/07/17	17°57.934 S	006°47.528 E	02:35	100.00%
28				Yes	12/07/17	24°52.273 S	008°02.416 E	10:25	100.00%
29				Yes	13/07/17	27°05.371 S	007°56.215 E	05:25	100.00%
30				Yes	14/07/17	29°25.969 S	009°52.11 E	02:35	100.00%
31				Yes	14/07/17	29°20.085 S	009°49.343 E	02:30	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
32				Yes	17/07/17	31°23.612 S	009°32.675 E	02:00	100.00%
33				Yes	29/07/17	33°56.109 S	013°54.083 E	02:20	100.00%
34				Yes	29/07/17	33°51.553 S	013°53.263 E	04:15	100.00%
35				Yes	30/07/17	31°01.074 S	011°25.419 E	06:55	100.00%
36				Yes	31/07/17	28°00.251 S	009°01.619 E	01:50	100.00%

Comments: All transhipments were observed 100% without any problems.

Table 3 Summary of vessel / observer estimated figures

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	46.966	46.972	1.392	1.403	0.583	0.588	1.033	1.039	22.49	22.859	72.464	72.861	0.397	0.54%
2	37.694	37.875	85.26	83.634	10.192	7.619	1.407	1.473	9.472	11.601	144.025	142.202	-1.823	1.28%
3	0	0	65.178	65.203	2.752	2.732	1.21	1.502	6.93	7.024	76.07	76.461	0.391	0.51%
4	0	0	54.34	54.7	0.348	0.345	0	0	0	0	54.688	55.045	0.357	0.65%
5	0	0	57.25	56.072	1.2	1.148	0	0	0	0	58.45	57.22	-1.230	2.15%
6	0	0	15.568	15.678	0.116	0.115	0	0	0	0	15.684	15.793	0.109	0.69%
7	0	0	28.368	28.27	1.62	1.62	0	0	0	0	29.988	29.89	-0.098	0.33%
8	0	0	36.936	39.22	0.402	0.6	0	0	0	0	37.338	39.82	2.482	6.23%
9	0	0	27.04	27.168	0.451	0.455	10.85	10.681	0	0	38.341	38.304	-0.037	0.10%
10	0	0	43.568	42.862	2.7	2.388	35.49	35.481	0	0	81.758	80.731	-1.027	1.27%
11	0	0	14.256	14.53	1.378	2.349	0	0	0	0	15.634	16.879	1.245	7.38%
12	0	0	29.64	29.684	0.576	1.348	0	0	0	0	30.216	31.032	0.816	2.63%
13	0	0	48.48	49.668	0.637	0.687	2.499	2.5	0	0	51.616	52.855	1.239	2.34%
14	0	0	41.36	41	1.484	1.476	0	0	0	0	42.844	42.476	-0.368	0.87%
15	0	0	57.35	55.954	1.656	1.659	0	0	0	0	59.006	57.613	-1.393	2.42%
16	0	0	23.646	22.612	0.612	0.612	0	0	0	0	24.258	23.224	-1.034	4.45%
17	0	0	40.194	39.22	8.74	8.703	1.251	1.029	3.724	3.67	53.909	52.622	-1.287	2.45%
18	0	0	34.16	35	0.64	0.6	0	0	0.9	1.3	35.7	36.9	1.20	3.25%
19	0	0	24.64	25.222	0.546	0.541	0	0	0	0	25.186	25.763	0.58	2.24%
20	0	0	21.978	21.112	0.385	0.388	0	0	0	0	22.363	21.5	-0.86	4.01%

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
21	0	0	21.286	20.974	0.24	0.239	7.42	7.203	0	0	28.946	28.416	-0.53	1.87%
22	0	0	19.72	19.008	0.2	0.083	13.65	12.024	0	0	33.57	31.115	-2.46	7.89%
23	0	0	24.4	23.51	0.48	0.384	0	0	0	0	24.88	23.894	-0.99	4.13%
24	0	0	19.376	18.547	1.035	0.992	0	0	0	0	20.411	19.539	-0.87	4.46%
25	0	0	32.248	31.8	0.315	0.298	0	0	0	0	32.563	32.098	-0.46	1.45%
26	0	0	22.848	21.75	0.378	0.35	0	0	0	0	23.226	22.1	-1.13	5.10%
27	0	0	35.834	36.206	4.9	4.549	3.07	3.031	14.956	15.117	58.76	58.903	0.14	0.24%
28	51.041	51.123	50.478	50.066	8.61	8.586	5.94	5.707	60.18	58.808	176.249	174.29	-1.96	1.12%
29	45.675	45.81	42.515	40.994	13.055	12.584	2.7	2.713	19.445	18.547	123.39	120.648	-2.74	2.27%
30	47.25	47.303	23.5	21.58	2.184	1.988	0.55	0.404	4.807	4.762	78.291	76.037	-2.25	2.96%
31	47.424	47.317	4.7	4.53	2.1	2.111	1.002	0.933	4.804	4.788	60.03	59.679	-0.35	0.59%
32	46.958	46.878	1.92	1.903	0	0	0	0	1.302	1.285	50.18	50.066	-0.11	0.23%
33	45.543	45.148	0	0	0	0	0	0	2.2	0.997	47.743	46.145	-1.60	3.46%
34	35.73	35.576	1.426	1.452	0	0	1.02	0.905	42.507	37.883	80.683	75.816	-4.87	6.42%
35	48.816	46.893	51.6	50.38	17.214	16.578	1.8	1.81	1.092	1.09	120.522	116.751	-3.77	3.23%
36	46.92	46.658	0	0	0	0	0	0	0	0	46.92	46.658	-0.26	0.56%

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	0.04	0.00%
Albacore	<i>Thunnus alalunga</i>	S	127.72	6.46%	124.64	6.39%
Albacore	<i>Thunnus alalunga</i>	W	0.04	0.00%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	2.44	0.12%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	15.31	0.77%	23.89	1.22%
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	1.39	0.07%	0.00	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	0.00	0.00%	0.10	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.58	0.03%
Bigeye tuna	<i>Thunnus obesus</i>	All	1102.46	55.80%	1090.91	55.91%
Blue shark	<i>Prionace glauca</i>	SE	0.00	0.00%	8.07	0.41%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	12.55	0.63%	21.18	1.09%
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0.00	0.00%	0.30	0.02%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.04	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	NE	0.00	0.00%	0.47	0.02%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.57	0.03%
Mako sharks	<i>Isurus spp</i>	SE	0.22	0.01%	1.38	0.07%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	N	3.20	0.16%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	S	6.21	0.31%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	2.59	0.13%	5.13	0.26%
Other fish Unclassified	N/A	All	0.69	0.03%	0.00	0.00%
Other fish Unclassified	N/A	N	0.48	0.02%	0.00	0.00%
Other fish Unclassified	N/A	S	1.19	0.06%	0.00	0.00%
Other fish Unclassified	N/A	SE	12.08	0.61%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.00	0.00%	0.19	0.01%
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.00	0.00%	0.05	0.00%
Skipjack tuna	<i>Katsuwonus pelamis</i>	W	0.00	0.00%	0.05	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	453.05	22.93%	497.55	25.50%
Southern bluefin	<i>Thunnus maccoyii</i>	S	46.97	2.38%	0.00	0.00%

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
tuna						
Striped marlin	<i>Tetrapturus audax</i>	NE	0.00	0.00%	0.27	0.01%
Swordfish	<i>Xiphias gladius</i>	N	1.25	0.06%	1.03	0.05%
Swordfish	<i>Xiphias gladius</i>	S	89.64	4.54%	87.41	4.48%
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	SE	11.15	0.56%	0.35	0.02%
Yellowfin tuna	<i>Thunnus albacares</i>	All	87.73	4.44%	84.72	4.34%

Comments: CV scale recorded total of 1993.450 tonnes.

The main species transhipped during the voyage were bigeye tuna (*Thunnus obesus*), southern bluefin tuna (*Thunnus maccoyii*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), yellowfin tuna (*Thunnus albacares*), and billfish (*Istiophoridae*).

Opah (*Lampris guttatus*), butterfly kingfish (*Gasterochisma melampus*), various sharks (*Selachimorpha [Pleurotremata]*), dolphinfish (*Coryphaena hippurus*), atlantic spanish mackerel (*Scomberomorus maculates*) and skipjack tuna (*Katsuwonus pelamis*) were transhipped in relatively small amounts.

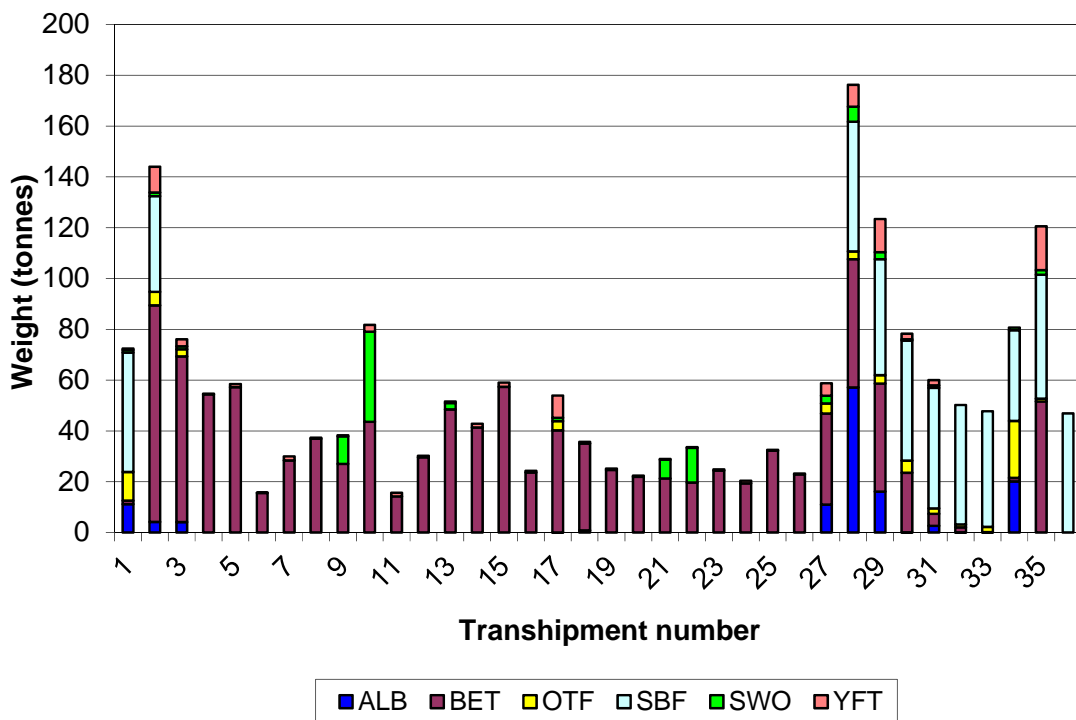


Figure 2 Proportions by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.59
Atlantic blue marlin	<i>Makaira nigricans</i>	115.19

Common Name	Scientific name	Average weight (kg)
Bigeye tuna	<i>Thunnus obesus</i>	49.55
Butterfly kingfish	<i>Gasterochisma melampus</i>	15.64
Mako sharks	<i>Isurus spp</i>	109.00
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	62.30
Opah	<i>Lampris guttatus</i>	7.00
Other fish Unclassified	N/A	13.71
Southern bluefin tuna	<i>Thunnus maccoyii</i>	48.55
Swordfish	<i>Xiphias gladius</i>	57.38
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	15.00
Yellowfin tuna	<i>Thunnus albacares</i>	41.60

Comments: Average weight for each species was calculated by dividing the total declared weight with the total number of fish observed or declared for each species transhipped.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Tranship time	% Observed
1				Yes	01/06/17	30°01.553 S	007°26.497 E	03:55	100.00%
2				Yes	02/06/17	30°04.832 S	007°16.358 E	07:15	100.00%
28				Yes	12/07/17	24°52.273 S	008°02.416 E	10:25	100.00%
29				Yes	13/07/17	27°05.371 S	007°56.215 E	05:25	100.00%
30				Yes	14/07/17	29°25.969 S	009°52.11 E	02:35	100.00%
31				Yes	14/07/17	29°20.085 S	009°49.343 E	02:30	100.00%
32				Yes	17/07/17	31°23.612 S	009°32.675 E	02:00	100.00%
33				Yes	29/07/17	33°56.109 S	013°54.083 E	02:20	100.00%
34				Yes	29/07/17	33°51.553 S	013°53.263 E	04:15	100.00%
35				Yes	30/07/17	31°01.074 S	011°25.419 E	06:55	100.00%
36				Yes	31/07/17	28°00.251 S	009°01.619 E	01:50	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (t)	Catch Monitoring Form Number	Tag series number(from – to)
1	9	1021	46.972	CM – JP – 17 – 054 – 01	0001 – 1021
2	9	802	37.875	CM – JP – 17 – 067 – 01	0001 – 0802
28*	9	90	4.004	CM – JP – 16 – 024 – 02	0729 – 0818
28*	9	1097	47.119	CM – JP – 17 – 072 – 01	0001 – 1097
29	9	1015	45.810	CM – JP – 17 – 052 – 01	0001 - 1015
30	9	945	47.303	CM – JP – 17 – 014 - 01	0001 – 0945
31	9	912	47.317	CM – JP – 17 – 015 – 01	0001 – 0912
32	9	886	46.878	CM – JP – 17 – 016 – 01	0001 – 0886
33	9	799	45.148	CM – JP – 17 – 059 – 01	0001 – 0799
34	9	794	35.576	CM – JP – 17 – 088 – 01	0001 – 0794
35	9	1017	46.893	CM – JP – 17 – 073 – 01	0001 – 1017

No	CCSBT Statistical Area	No Fish (SBF)	Weight (t)	Catch Monitoring Form Number	Tag series number(from – to)
12	9	920	46.618	CM – JP – 17 – 013 – 01	0001 – 0920

Comments: All LSPLVs produced the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Forms which was countersigned by the observer.

(CMF) from LSPLV transshipping Southern bluefin were presented and correct.

No.58 provided two Catch Monitoring Forms (3 and 4).

*SHOFUKU MARU

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	01/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/06/17
2			Yes	02/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	01/06/17
3			Yes	05/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	03/06/17
4			Yes	07/06/17	Yes	Yes	Yes	Yes	Yes	22/08/17	Yes	Y	Yes	Yes	Yes	PB	06/07/17
5			Yes	07/06/17	Yes	Yes	Yes	Yes	Yes	12/10/17	Yes	Y	Yes	Yes	Yes	PB	07/06/17
6			Yes	08/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	07/06/17
7			Yes	09/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	09/06/17
8			Yes	10/06/17	Yes	Yes	Yes	Yes	Yes	09/01/21	Yes	Y	Yes	Yes	Yes	PB	09/06/17
9			Yes	10/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PU	10/06/17
10			Yes	11/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	11/06/17
11			Yes	13/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	12/06/17
12			Yes	15/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	15/06/17
13			Yes	16/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	16/06/17
14			Yes	17/06/17	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Y	Yes	Yes	Yes	PB	17/06/17
15			Yes	17/06/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	16/07/17
16			Yes	18/06/17	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Y	Yes	Yes	Yes	PB	18/06/17
17			Yes	21/06/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	21/06/17
18			Yes	30/06/17	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Y	Yes	Yes	Yes	PB	30/06/17
19			Yes	01/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	30/06/17
20			Yes	02/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	30/06/17
21			Yes	03/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	03/07/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
22			Yes	04/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	03/07/17
23			Yes	05/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	04/07/17
24			Yes	05/07/17	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	04/07/17
25			Yes	06/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	05/07/17
26			Yes	06/07/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	05/07/17
27			Yes	09/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	PB	07/07/17
28			Yes	12/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	10/07/17
29			Yes	13/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	12/07/17
30			Yes	14/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/07/17
31			Yes	14/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	14/07/17
32			Yes	17/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	17/07/17
33			Yes	29/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	29/07/17
34			Yes	29/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	29/07/17
35			Yes	30/07/17	Yes	Yes	Yes	Yes	Yes	31/07/17	Yes	Y	Yes	Yes	Yes	EL	30/07/17
36			Yes	31/07/17	Yes	Yes	Yes	Yes	No	31/07/17	Yes	Y	Yes	Yes	Yes	EL	31/07/17

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments. All transshipping LSPLV were boarded and inspected by observer without any problems or difficulties.

Table 9 **Comments on LSPLV checks**

No	Comments
3	The LSPLV was using a printed and unbound logbook. A PNC-Report was issued (No.1 LNB - Logbook not bound).
	Figure 3 Unbound logbook used by the xxx

11	<p>The bow markings on the bow was covered in fouling and was not legible except when very close to the vessel.</p> <p>Figure 4 Bow markings of the XXXduring transshipment 11</p>
25	<p>The LSPLV bow markings were not visible due to the fouling on the hull of the vessel.</p> <p>Figure 5 Bow markings of the XXXduring transshipment 25</p>
29	<p>The starboard side International Radio Call Sign (IRCS) was missing the letter J and the letter G was partially broken off. The IRCS on the port side was complete and correct.</p> <p>Figure 6 IRCS markings of the xxx</p>

The observer made 1 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
3			1	LNB	N/A	N/A

9 Other Observer Tasks.

9.1 CV waste disposal

Empty cans, glass and plastic bottles were retained on board, cardboard boxes, paper, plastics and other packaging materials were incinerated.
Food waste was discarded at sea.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted and no non-ROP transshipments were observed during the voyage.

9.3 Marine mammals.

Unidentified whales and cape fur seals were observed when the CV was on anchoring position outside Cape Town harbour.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
20/07/17	10:00	33.52S	18.27E	Whales and Seals.	3 Whales in group and 4 cape fur seals	Swimming around the CV

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices –

Table 12 Non ROP cargo Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		04/06/2017	21.36 S	008.50 E	Dry Cargo.	Yes
		04/06/2017	21.34 S	008.43 E	Dry Cargo.	Yes
		04/06/2017	21.34 S	008.43 E	Dry Cargo & Fuel (180t.)	Yes
		12/06/2017	03.58 S	004.49 W	1200 Bait boxes and Dry cargo.	Yes
		12/06/2017	03.59 S	004.48 W	1664 Bait boxes and Dry cargo.	Yes
		12/06/2017	04.00 S	004.56 W	1500 Bait boxes and Dry cargo.	Yes
		24/06/2017	14.55 N	028.33 W	Dry Cargo and Frozen food.	Yes
		02/07/2017	04.08 S	006.15 W	4000 Bait boxes and Dry cargo.	Yes
		02/07/2017	04.01 S	006.18 W	3000 Bait boxes and Dry cargo.	Yes
		12/07/2017	24.54 S	008.06 E	Fuel (120t.)	Yes

ICCAT

Observer Report



Trip Number:	202-17
Vessel Name:	Chikuma
ICCAT Ref. No.	AT000LBR00003
Observer Name:	Daniel Droste
Cruise Dates:	From: 08/08/2017 To: 03/10/2017

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capfish, Daniel Droste (ROP no. 132) joined the Liberian registered Carrier Vessel (CV) Chikuma (14788) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 08/08/2017 to 03/10/2017.

The objective of the assignment was to monitor transshipments from Large Scale Tuna Longline Vessels (LSTLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	M/V Chikuma	Call sign:	D5JI4
Port of registration:	Monrovia	Flag State:	Republic of Liberia
Owner:	Oceanwide Shipping S.A.	Charterer:	MRS corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8.045m3
Size (GRT):	6.558t	Length (LOA):	134.15m
Position fixing equipment:	GPS 2X 2Furuno GP-150		
Vessel monitoring system (present/absent):	Present		
Radar:	2X Furuno FAR-2807 (X and S band)		
Communications equipment:	Furuno RC-1800FS, 2X Furuno VHF radiotel. Console FM8900S, Email, Inmarsat C, Sat. Tel. Fax, Navtex.		
Plotters:	Absent		
Tuna products already on board (Quantity)	No		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	08/08/2017
Method of embarkation*	Portside
Date of departure	08/08/2017
Date of first transshipment	12/08/2017
Date of last transshipment	26/09/2017
Date of return	03/10/2017
Date of disembarkation	03/10/2017
Method of disembarkation*	Via launch
Port of return	Gibraltar

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 38 transshipments at sea, the locations are shown in detail in

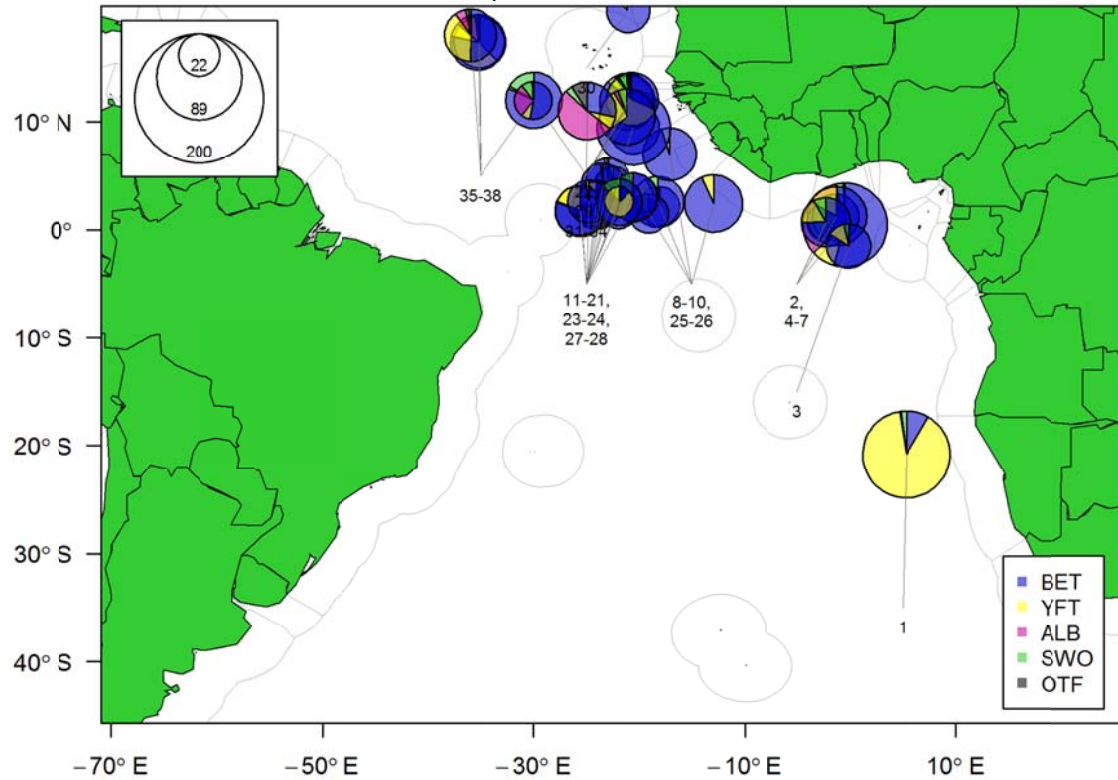


Figure 1, the numbers received by nationality of vessel are given in Table 1.

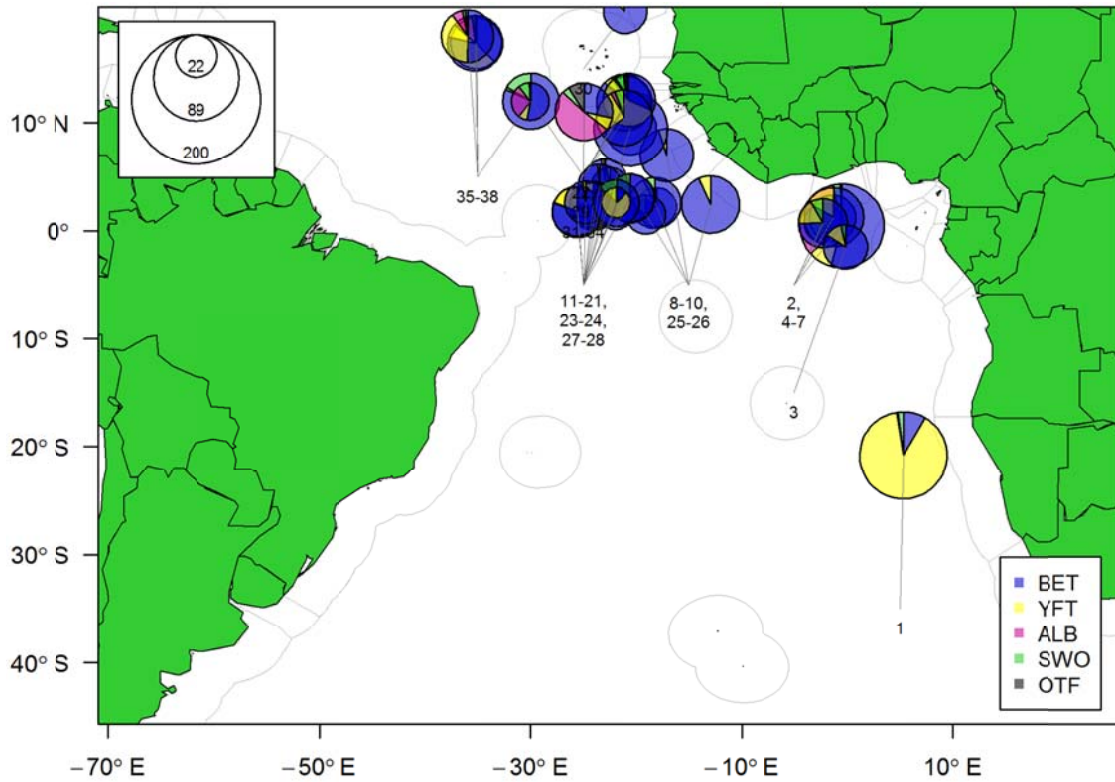


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	11
XXX	14
XXX	13

Comments: A total of four non-ICCAT cargo transshipments took place over the course of the deployment during which only bait and/or other supplies were transhipped (Appendix 1).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	12/08/17	20°48.364 S	005°18.76 E	06:05	100%
2				Yes	16/08/17	00°27.10 N	000°28.73 W	00:55	100%
3				Yes	17/08/17	01°29.84 S	000°08.36 W	01:25	100%
4				Yes	18/08/17	01°09.02 N	001°21.57 W	02:50	100%
5				Yes	18/08/17	01°15.11 N	001°15.29 W	02:05	100%
6				Yes	19/08/17	00°42 N	002°16.54 W	02:15	100%
7				Yes	19/08/17	00°44.15 N	002°14.39 W	01:05	100%
8				Yes	22/08/17	02°25.62 N	012°57.82 W	01:45	100%
9				Yes	23/08/17	02°10.63 N	018°00.21 W	02:15	100%
10				Yes	24/08/17	02°34.86 N	018°08.81 W	01:10	100%
11				Yes	25/08/17	02°59.63 N	020°29.56 W	01:50	100%
12				Yes	25/08/17	03°01.30 N	020°30.84 W	01:20	100%
13				Yes	26/08/17	01°58.93 N	021°56.51 W	01:15	100%
14				Yes	27/08/17	04°31.96 N	022°55.14 W	01:20	100%
15				Yes	28/08/17	04°04.17 N	022°28.93 W	02:00	100%
16				Yes	28/08/17	04°10.11 N	023°27.96 W	01:30	100%
17				Yes	29/08/17	02°17.27 N	024°03.27 W	01:15	100%
18				Yes	29/08/17	02°19.84 N	024°05.26 W	02:00	100%
19				Yes	30/08/17	01°42.11 N	025°32.55 W	02:15	100%
20				Yes	30/08/17	01°47.33 N	025°37.45 W	01:25	100%
21				Yes	31/08/17	02°36.97 N	024°45.92 W	02:20	100%
22				Yes	02/09/17	11°52.68 N	021°05.62 W	04:00	100%
23				Yes	03/09/17	09°27.00 N	020°29.13 W	01:40	100%
24				Yes	03/09/17	09°26.13 N	020°30.17 W	01:30	100%
25				Yes	04/09/17	07°00.35 N	017°03.49 W	00:30	100%
26				Yes	06/09/17	01°29.72 N	019°00.24 W	02:05	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
27				Yes	07/09/17	02°33.5 N	021°51.45 W	01:55	100%
28				Yes	07/09/17	02°35.85 N	021°53.21 W	02:35	100%
29				Yes	12/09/17	12°03.84 N	020°52.45 W	02:30	100%
30				Yes	14/09/17	20°17.24 N	021°00.72 W	02:00	100%
31				Yes	17/09/17	12°06.91 N	020°37.93 W	03:25	100%
32				Yes	19/09/17	10°27.53 N	021°06.45 2	01:00	100%
33				Yes	20/09/17	11°00.29 N	024°57.82 W	02:05	100%
34				Yes	21/09/17	11°59.97 N	029°57.33 W	02:10	100%
35				Yes	22/09/17	11°58.44 N	030°01.31 W	01:50	100%
36				Yes	25/09/17	17°20.95 N	035°08.21 W	01:25	100%
37				Yes	25/09/17	17°20.85 N	035°14.26 W	01:25	100%
38				Yes	26/09/17	17°59.34 N	035°56.68 W	06:15	100%

Comments:

The observer was able to attain full observation coverage for all the transhipments conducted during the voyage. Additionally, all LSTLVs were boarded and inspected.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	67.168	0	11.344	3.561	3.484	112.527	41.65	116.088	123.646	7.56	6.11%
2	0	12.9	0	1.477	11.421	11.881	12.51	0	23.931	26.258	2.33	8.86%
3	0	21.45	0	0.874	19.077	15.221	22.382	0	41.459	37.545	-3.91	-10.42%
4	0	51.486	0	10.426	0	0	59.618	0	59.618	61.912	2.29	3.71%
5	0	31.382	0	7.248	3.4	3.46	37.888	0	41.288	42.09	0.80	1.91%
6	0	54	0	4	0	0	59.643	0	59.643	58	-1.64	-2.83%
7	0	22.65	0	4.2	0	0	25.991	0	25.991	26.85	0.86	3.20%
8	0	35.754	0	6.421	3.391	3.46	43.969	0	47.36	45.635	-1.73	-3.78%
9	0	46.845	0	2.484	0	0	51.05	0	51.05	49.329	-1.72	-3.49%
10	0	21.321	0	1.206	4.359	4.13	22.897	0	27.256	26.657	-0.60	-2.25%
11	0	39.907	0	1.706	0	0	40.867	0.929	40.867	42.542	1.67	3.94%
12	0	35.355	0	0.763	0	0	32.577	0.289	32.577	36.407	3.83	10.52%
13	0	24.861	0	0.855	0	0	25.411	0	25.411	25.716	0.31	1.19%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
14	0	31.792	0	0.618	0	0	32.087	0	32.087	32.41	0.32	1.00%
15	0	32.857	0	8.834	0	0	40.091	0	40.091	41.691	1.60	3.84%
16	0	27.428	0	8.744	0	0	35.47	0	35.47	36.172	0.70	1.94%
17	0	36.16	0	8.691	0	0	41.624	0	41.624	44.851	3.23	7.19%
18	0	34.782	0	8.265	0	0	39.555	0	39.555	43.047	3.49	8.11%
19	0	31.243	0	0.821	0	0	32.065	0	32.065	32.064	0.00	0.00%
20	0	27.504	0	1.828	0	0	27.05	0	27.05	29.332	2.28	7.78%
21	0	46.356	0	1.51	0	0	50.608	0	50.608	47.866	-2.74	-5.73%
22	0	89.349	0	1.421	4.538	4.73	87.314	2.297	91.852	97.797	5.95	6.08%
23	0	34.832	0	0.431	5.657	5.846	36.014	0	41.671	41.109	-0.56	-1.37%
24	0	33.347	0	0.566	4.503	5.014	31.43	0	35.933	38.927	2.99	7.69%
25	0	2.135	0	13.877	0	0	15.809	0	15.809	16.012	0.20	1.27%
26	0	49.594	0	2.761	4.503	4.32	50.261	0	54.764	56.675	1.91	3.37%
27	0	35.084	0	0.364	5.553	5.938	32.526	0	38.079	41.386	3.31	7.99%
28	0	45.15	0	0.876	8.589	9.119	45.125	0	53.714	55.145	1.43	2.59%
29	0	15.722	0	28.616	4.056	2.952	43.547	2.214	47.603	49.504	1.90	3.84%
30	0	36.959	0	14.772	2.839	3.213	45.998	1.458	48.837	56.402	7.57	13.41%
31	0	16.551	0	4.141	2.09	2.364	45.222	35.378	47.312	58.434	11.12	19.03%
32	0	13.061	0	1.9	2.189	2.383	18.619	7.5	20.808	24.844	4.04	16.25%
33	0	17.144	0	28.188	0.626	0.695	44.165	0	44.791	46.027	1.24	2.69%
34	0	42.597	0	4.332	0.966	1.056	50.747	6.252	51.713	54.237	2.52	4.65%
35	0	24.306	0	19.189	0.761	0.789	40.383	3.989	41.144	48.273	7.13	14.77%
36	0	29.869	0	3.539	1.484	1.756	31.454	0	32.938	35.164	2.23	6.33%
37	0	28.707	0	4.15	1.118	1.259	31.311	0	32.429	34.116	1.69	4.94%
38	0	11.204	0	119.745	0.511	2.926	122.477	0.54	122.988	134.415	11.43	8.50%

Comments:

Both *Thunnus obesus* (BET) and *Thunnus albacares* (YFT) were recorded as MIX by the observer, and consequently the combined weight of both species are reflected within the “Obs Other” category in table 3.

In both TS 3 and 12 minor weight discrepancies exceeding the prescribed threshold by 0.42% and 0.52% respectively are present. These discrepancies can may have been be attributed to observer estimation error.

In TS 30, 31, 32 and 35, the difference in observed weight and that declared by the LSTLVs can in all transhipments be attributed to large strings that were transferred rapidly, thus limiting estimation accuracy.

6 Species and weight transferred

The vessel contained only tuna products from IOTC deployment 440-17 when the observer boarded. The observer was deployed during the IOTC 440-17 deployment and also monitored all the transshipments to this deployment. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Delared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	82.22	4.80%	40.74	2.27%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	12.47	0.69%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	37.96	2.11%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	7.05	0.41%	5.07	0.28%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1258.81	69.99%
Mixed Tunas		All	1524.20	88.95%	0.00	0.00%
Other fish Unclassified		All	4.82	0.28%	6.26	0.35%
Swordfish	<i>Xiphias gladius</i>	All	95.19	5.56%	41.64	2.32%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	14.65	0.81%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	39.71	2.21%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	341.18	18.97%

Since the observer could not identify which stocks individual fish originated from during observation periods, all fish were always assigned to the “all” category in the stock selection.

Due to the complexity involved in distinguishing between *T. obesus* and *T. albacares* during transshipment activities, the observer combined both species into the category “Mixed Tunas”.

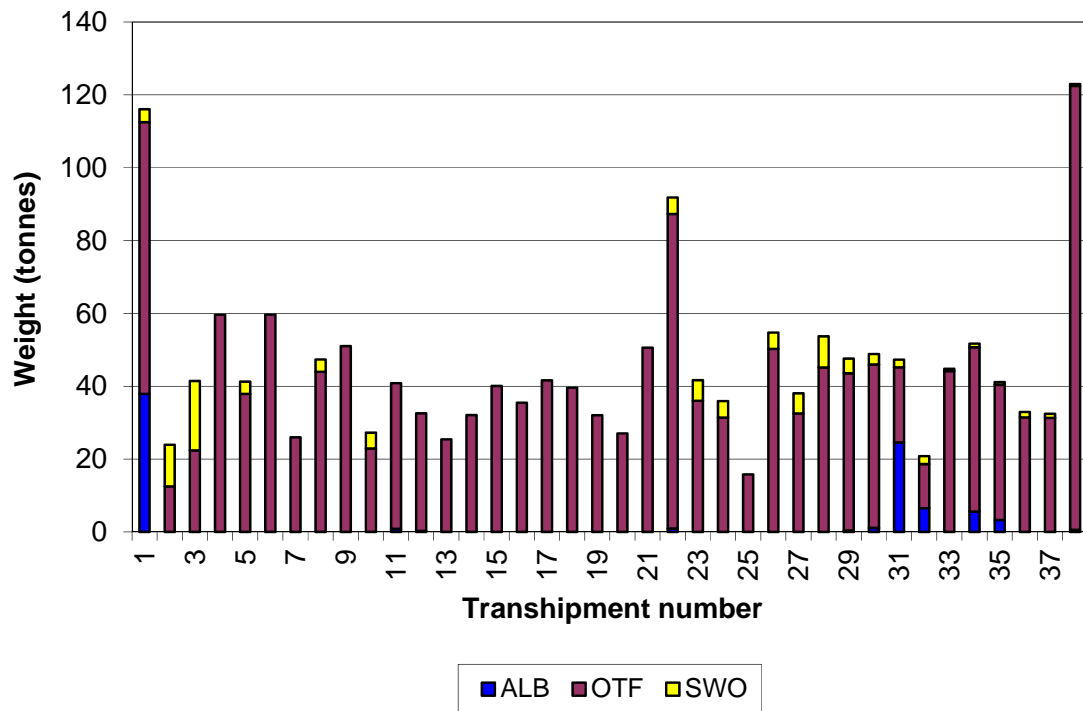


Figure 2 Proportions,by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	14.53
Atlantic blue marlin	<i>Makaira nigricans</i>	121.60
Mixed Tunas		45.60
Other fish Unclassified		9.33
Swordfish	<i>Xiphias gladius</i>	59.91

Comments:

Since the CV did not have a hook scale, weights were always extrapolated from the LSTLV supplied weights and numbers to calculate average weights for each species.

LSTLV fish and weight numbers were derived from logbook entries and always supplied to the observer and the CV.

Visual weight estimations were generally not used as they did not prove as reliable as the LSTLV's provided information.

Due to the difficulty of providing separate estimates for both bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacores*), the observer categorised both species as "mixed tunas" during estimations. These species were always processed as gilled and gutted (GG) and could be identified without difficulty.

In the case of "mixed tunas", the total weight of *T. obesus* and *T. Albacores* was divided by the total number of both species to arrive at weight averages.

Albacore (*Thunnus alalunga*) was easily distinguished through its rounded (RD) form and therefore assigned its own category.

Swordfish (*Xiphias gladius*) were transhipped in various sizes, since many attained a considerable weight, they were mainly transhipped in fillet (FL) states with smaller individuals processed into dressed (DR) states.

Some LSTLVs transferred atlantic blue marlin (*Makaira nigricans*), which were almost always transferred in DR states and only once, in TS 34, were some transferred in blocks.

All OTH fish the observer encountered were opah (*Lampris guttatus*) and atlantic spanish mackerel (*Scomberomorus maculatus*). Both these species were processed into DR states. No species of sharks were transferred during this deployment.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) were transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	12/08/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	Yes	PU	10/08/17
2			Yes	16/08/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	Yes	PB	16/08/17
3			Yes	17/08/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	Yes	PB	17/08/17
4			Yes	18/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	18/08/17
5			Yes	18/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	17/08/17
6			Yes	19/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	18/08/17
7			Yes	19/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	18/08/17
8			Yes	22/08/17	Yes	Yes	Yes	Yes	Yes	07/08/20	Yes	Yes	Yes	Yes	Yes	Yes	PB	21/08/17
9			Yes	23/08/17	Yes	Yes	Yes	Yes	Yes	15/12/20	Yes	Yes	Yes	Yes	Yes	Yes	PB	23/08/17
10			Yes	24/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	24/08/17
11			Yes	25/08/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	23/08/17
12			Yes	25/08/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	25/08/17
13			Yes	26/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	25/08/17
14			Yes	27/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	25/08/17
15			Yes	28/08/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	Yes	PB	26/08/17
16			Yes	28/08/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	Yes	PB	28/08/17
17			Yes	29/08/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	No	Yes	Yes	PB	29/08/17
18			Yes	29/08/17	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	Yes	PB	28/08/17
19			Yes	30/09/17	Yes	Yes	Yes	Yes	Yes	28/09/20	Yes	Yes	Yes	Yes	Yes	Yes	PB	29/08/17
20			Yes	30/08/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	Yes	PB	28/08/17
21			Yes	31/08/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	Yes	PB	29/08/17
22			Yes	02/09/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	02/09/17
23			Yes	03/09/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	Yes	PB	03/09/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
24			Yes	13/09/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	02/09/17
25			Yes	04/09/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	03/09/17
26			Yes	06/09/17	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Yes	Yes	Yes	Yes	PB	06/09/17
27			Yes	07/09/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	06/09/17
28			Yes	07/09/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	06/09/17
29			Yes	12/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	12/09/17
30			Yes	14/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	13/09/17
31			Yes	17/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	15/09/17
32			Yes	19/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PU	12/09/17
33			Yes	20/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	19/09/17
34			Yes	21/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	19/09/17
35			Yes	22/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PU	21/09/17
36			Yes	25/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PU	24/09/17
37			Yes	25/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PU	25/09/17
38			Yes	27/09/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	25/09/17

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 7 Comments on LSPLV checks

No		Comments
1	XXX	<p>The fishing logbooks used by XXX were printed and unbound.</p> <p>Figure 3 Unbound logbook used by the XXX</p>
9	XXX	<p>The VMS unit was fitted with a power switch.</p> <p>Figure 4 VMS and associated power switch fitted to the XXX</p>
10	XXX	<p>The VMS unit was switch which was located on top of the unit. This was apparently done to power off the unit to avoid short-circuiting the unit when the main power is restarted. The VMS was restarted via the switch for the observer for demonstration, but was on before the inspection. The instalation of the unit was clearly not done by a professional.</p> <p>Figure 5 VMS and power switch fitted to the XXX</p>
12	XXX	<p>The VMS was not listed in the observer's identification guide, but was identified as a Beam-branded terminal, model Oceana 800, and a beam-branded antennae. The unit was on during inspection.</p> <p>Figure 6 Unknow VMS system on board the XXX</p>
13	XXX	<p>The VMS shown to the observer was not listed on the observer's VMS guide. The unit was marked "TT3022D", but this unit was not the same as the know TT3022D which was listed on the guide. The antennae looked like the antennae of a Thrane and Thrane 3022D unit.</p> <p>Figure 7 Unknown VMS type fitted to the XXX</p>
15	XXX	<p>The LSTLV's registration number found in the vessels records, did not match the database entry. The registration was FT-200004 instead of FT-200006 as in the database.</p>
16	XXX	<p>The LSTLV was fitted with an unknown VMS unit which was not reflected on the VMS guide. The unit was fiotted with an integral power switch.</p> <p>Figure 8 Unknown VMS type fitted to the XXX</p>

17	XXX	<p>The power light on both the VMS units was not on.</p> <p>Figure 9 VMS units with power lights unlit on board the XXX</p>
32	XXX	<p>The bow markings were partially faded but still visible. The stern markings are barely visible.</p> <p>Figure 10 Vessel name markings of the XXX</p>

The observer made no Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
NA	NA	NA	NA	NA	NA	NA

9 Other Observer Tasks.

9.1 CV waste disposal

The CV provided plastic, can, paper, bottle recycling as well as food and combustible material disposal (appendix 2).

9.2 Unidentified or IUU vessels

No IUU or unidentified fishing vessels were sighted.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
31/09/2017	10:00	02°36N	024°45	Unidentified Toothed whale	24+	Stayed near the CV for several hours and spy- hopped.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	203
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Levent Ali Erkal
Cruise Dates:	From: 18/08/2017 To: 19/09/2017

1 Cruise Summary

In accordance with the bilateral agreement between Panama TRL S.A and MRAG Ltd., Levent Ali Erkal (ROP No. 148) joined the Liberia registered Carrier Vessel (CV) GENTA MARU (RFMO No. AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Indian Ocean from 18/08/2017 to 19/09/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	GENTA MARU	Call sign:	D5JO9
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	PANAMA TRL. S.A.	Charterer:	PANAMA TRL. S.A.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4780.72 m ³
Size (GRT):	3,989	Length (LOA):	99.06
Vessel monitoring system (present/absent):		Present: JRC – JUE 85, INMARSAT-C	
Tuna products already on board (Quantity)		414.368 tonnes	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	18/08/2017
Method of embarkation*	Portside
Date of departure	18/08/2017
Date of first transshipment	20/08/2017
Date of last transshipment	17/09/2017
Date of return	17/09/2017
Date of disembarkation	19/09/2017 (**)
Method of disembarkation*	Cross over to IOTC
Port of return	Port Louis

*(portside, transfer vessel in port, transfer vessel offshore)

(**) The Vessel continued into IOTC area crossing over at sea without stopping at Cape Town.. Final destination port after IOTC deployment was Port Louis, Mauritius.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 17 transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

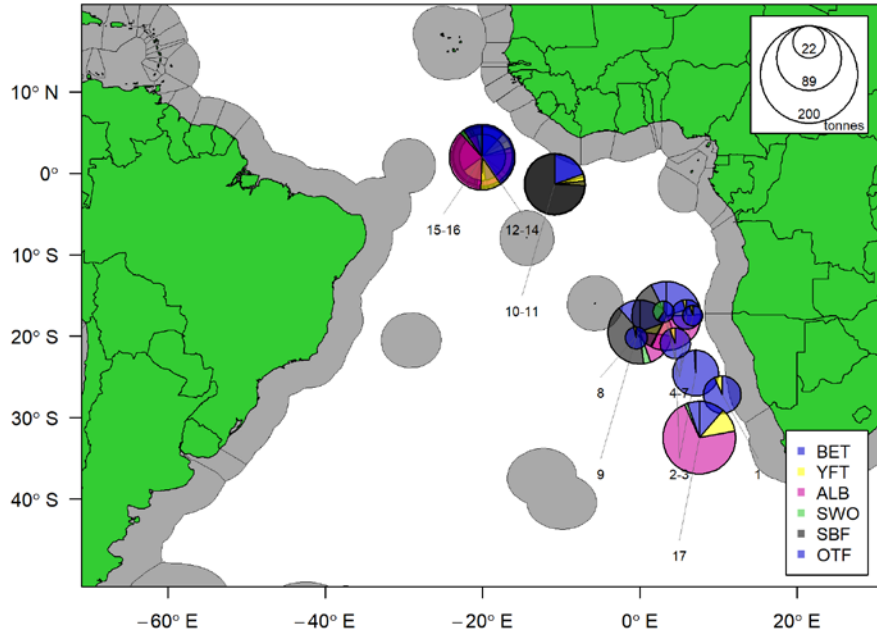


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	2
	5
	8
	2

Comments: 4 Non-ROP transshipments were conducted during the deployment which was presented in Appendix I.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Y	20/08/2017	27°10 S	010°27 E	05:48	100
2				Y	21/08/2017	24°31 S	007°04 E	05:20	100
3				Y	22/08/2017	20°52 S	004°29 E	06:27	100
4				Y	23/08/2017	17°30 S	003°22 E	04:51	100
5				Y	24/08/2017	17°19 S	005°55 E	08:03	100
6				Y	25/08/2017	17°27.821 S	006°41.934 E	04:20	100
7				Y	26/08/2017	16°58.581 S	002°59.436 E	04:34	100
8				Y	27/08/2017	19°28.952 S	000°01.079 W	06:44	100
9				Y	28/08/2017	20°12.478 S	000°27.705 W	08:12	100
10				Y	03/09/2017	01°20.259 S	010°49.841 W	01:20	100
11				Y	03/09/2017	01°20.445 S	010°49.95 W	00:43	100
12				Y	05/09/2017	02°01.669 N	019°59.268 W	00:46	100
13				Y	05/09/2017	02°04.536 N	019°59.16 W	00:42	100
14				Y	05/09/2017	02°07.09 N	019°59.203 W	02:26	100
15				Y	06/09/2017	01°57.871 N	020°02.477 W	01:43	100
16				Y	06/09/2017	01°58.927 N	020°03.772 W	01:58	100
17				Y	16/09/2017	32°27.056 S	007°32.354 E	07:39	100

Comments:

None

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel			Observed	Vessel	Weight	%
1	39.3	38.774	3.055	3.354	0	2.46	20.694	18.816	109.206	110.24	1.03	0.94
2	15.085	15.477	6.398	6.871	0	1.382	74.59	73.431	96.073	97.161	1.09	1.12
3	11.592	11.942	9.003	8.543	0.154	1.296	35.027	33.669	100.822	101.121	0.30	0.30
4	27.953	28.6	10.736	10.2	2.195	2.42	18.796	18.39	59.68	59.61	-0.07	-0.12
5	50.154	48.888	12.911	12.47	1.631	2.527	56.618	57.04	121.314	120.925	-0.39	-0.32
6	22.761	22.16	5.253	4.945	0	0	0	0	105.563	105.138	-0.42	-0.40
7	20.733	19.851	4.006	3.699	0	0	0	0	99.696	101.532	1.84	1.81
8	22.724	21.952	8.767	9.156	0	4.111	37.49	33.171	114.812	114.804	-0.01	-0.01
9	27.447	26.671	6.692	5.892	0	0.583	54.574	53.579	135.11	133.373	-1.74	-1.30
10	23.429	23.7	1.231	1.06	0	0	0	0	24.66	24.76	0.10	0.40
11	10.726	10.968	0.667	0.562	0	0	0	0	11.393	11.53	0.14	1.19
12	6.971	7.206	0.138	0.12	4.782	5	0	0	11.891	12.326	0.44	3.53
13	13.251	13.156	0.446	0.491	0	0	0	0	13.697	13.647	-0.05	-0.37
14	58.197	58.044	0.498	0.527	0	0	0	0	58.695	58.571	-0.12	-0.21
15	24.423	24.475	1.546	1.624	0	0	0	0	25.969	26.099	0.13	0.50
16	37.402	36.83	2.544	2.776	0	0	0	0	39.946	39.606	-0.34	-0.86
17	16.413	16.845	16.384	15.879	1.777	1.929	114.947	114.189	149.521	148.842	-0.68	-0.46

Comments:

6 Species and weight transferred

The vessel 414.368 tonnes products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	Unk	346,380	27.10	345,000	26.97
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	0	0	2,840	0.22
Bigeye tuna	<i>Thunnus obesus</i>	All	428,560	33.53	425,540	33.26
Black marlin	<i>Makaira indica</i>	Unk	0	0	230	0.02
Butterfly kingfish	<i>Gasterochisma melampus</i>	Unk	25,130	1.97	24,220	1.89
Dolphinfish	<i>Coryphaena hippurus</i>	Unk	40	0	50	0
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Unk	0	0	2,750	0.21
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	Unk	14,970	1.17	0	0
Opah	<i>Lampris guttatus</i>	Unk	22,890	1.79	23,400	1.83
Shortfin mako	<i>Isurus oxyrinchus</i>	Unk	770	0.06	880	0.07
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	335,940	26.29	341,580	26.70
Swordfish	<i>Xiphias gladius</i>	Unk	10,540	0.82	21,710	1.70
Various sharks nei	Selachimorpha(Pleurotre mata)	Unk	40	0	40	0
Wahoo	<i>Acanthocybium solandri</i>	Unk	2,530	0.20	2,890	0.23
Yellowfin tuna	<i>Thunnus albacares</i>	All	90,280	7.06	88,170	6.89

Comment:

Since the observer could not distinguish the species in billfish family (Istiophoridae) from each other, all transhipped *Makaira nigricans*, *Makaira indica*, *Istiophorus platypterus* and *Xiphias gladius* in billfish family were recorded under BIL code with a combined figure.

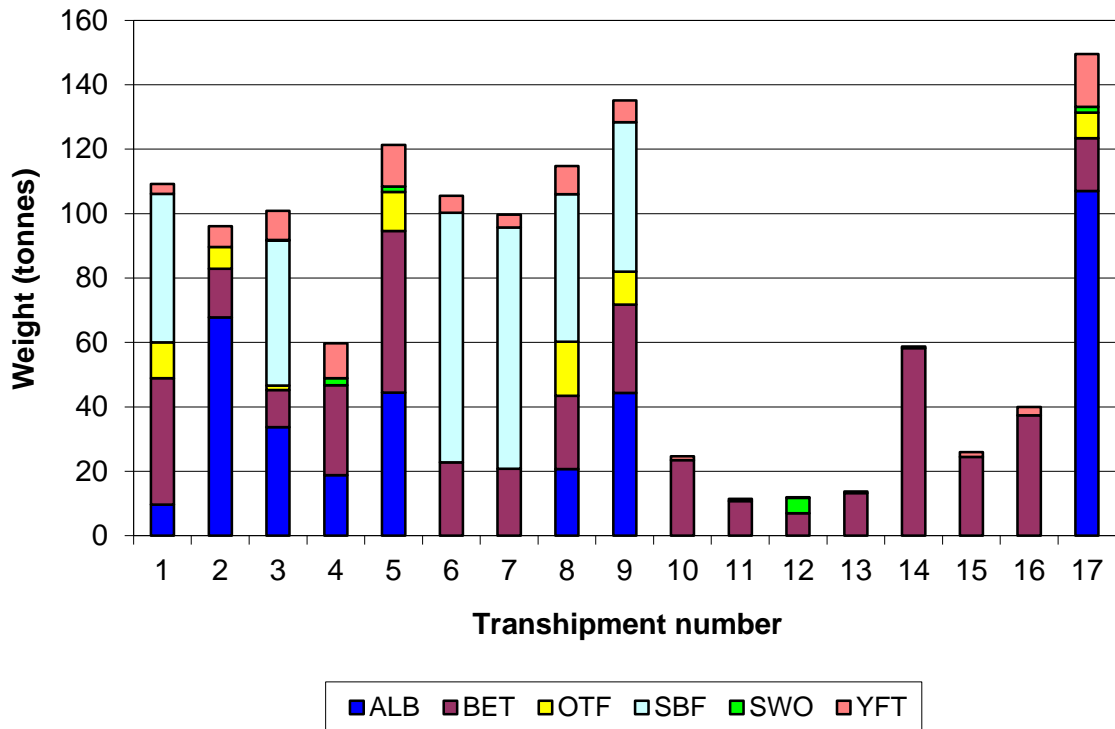


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	16.49
Bigeye tuna	<i>Thunnus obesus</i>	32.78
Butterfly kingfish	<i>Gasterochisma melampus</i>	13.98
Dolphinfish	<i>Coryphaena hippurus</i>	7.40
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	38.27
Opah	<i>Lampris guttatus</i>	8.86
Shortfin mako	<i>Isurus oxyrinchus</i>	26.62
Southern bluefin tuna	<i>Thunnus maccoyii</i>	50.91
Swordfish	<i>Xiphias gladius</i>	53.77
Various sharks nei	Selachimorpha(Pleurotremata)	18.00
Wahoo	<i>Acanthocybium solandri</i>	15.30
Yellowfin tuna	<i>Thunnus albacares</i>	31.18

Comments:

Species transhipped mainly consisted of *Thunnus maccoyii*, *Thunnus obesus* and *Thunnus alalunga*. Other species observed during deployment; *M. nigricans*, *M. indica*, *Gasterochisma melampus* and *Lampris guttatus*; made up less than 5 % of the total weight. Almost all of the *T. maccoyii*, *T. albacares* and *T. obesus* transhipped were Gilled & Gutted while *T. alalunga* were transhipped as the Rounded product type. Other species were transhipped as Dressed or Filleted.

The hook scale was not used by the CV during the deployment and recorded the exact weight figures from the LSPLVs' declarations. As there were no information about the numbers of products on transshipment declarations observer used the numbers given by LSPLVs as CV's numbers.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	20/08/2017	27° 10 S	10° 27 E	05:48	100
3				Yes	22/08/2017	20° 52 S	4° 29 E	06:27	100
6				Yes	25/08/2017	17° 27 S	6° 41 E	04:20	100
7				Yes	26/08/2017	16° 58 S	2° 59 E	04:34	100
8				Yes	27/08/2017	19° 28 S	0° 01 W	06:44	100
9				Yes	28/08/2017	20° 12 S	0° 27 W	08:12	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	902	46.836		001-902
3	9	954	45.671		001-954
6	9	1478	78.033	NA	NA
7	9	1449	77.982	NA	NA
8	9	970	46.414		001-970
9	9	954	46.648		001-954

Comments:

A total number of 6,707 units and 341.584 tonnes *T. maccoyii*) were transhipped during this deployment period. Detailed information was given in tables above.

TS# 6 and 7; CMFs did not include Catch Monitoring Form Number and Catch Tagging Form document numbers. The document number would be assigned later by the LSPLVs' companies as the observer was informed by both LSPLVs' masters. Although tags were on *T. maccoyii* products, serial numbers were not presented on the CMF document. Please see the pictures in **Table 9** Comments on LSPLV checks.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Y	20/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	19-Aug-17
2			Y	21/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	18-Aug-17
3			Y	22/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	21-Aug-17
4			Y	23/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	22-Aug-17
5			Y	24/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	23-Aug-17
6			Y	25/08/17	Y	Y	Y	Y	Y	11/03/18	Y	Y	Y	Y	Y	Y	PB	24-Aug-17
7			Y	26/08/17	Y	Y	Y	Y	Y	21/09/20	Y	Y	Y	Y	Y	Y	PB	25-Aug-17
8			Y	27/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	26-Aug-17
9			Y	28/08/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	27-Aug-17
10			Y	03/09/17	Y	Y	Y	Y	Y	09/06/19	Y	Y	Y	Y	Y	Y	PB	02-Sep-17
11			Y	03/09/17	Y	Y	Y	Y	Y	08/05/19	Y	Y	Y	Y	Y	Y	PB	02-Sep-17
12			Y	05/09/17	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	Y	PB	04-Sep-17
13			Y	05/09/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	Y	PB	04-Sep-17
14			Y	05/09/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	Y	PB	04-Sep-17
15			Y	06/09/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	Y	PB	05-Sep-17
16			Y	06/09/17	Y	Y	Y	Y	Y	09/03/18	Y	Y	Y	Y	Y	Y	PB	05-Sep-17
17			Y	16/09/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	15-Sep-17

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments: None

Table 9 Comments on LSPLV checks

No	Comments
6	CMF did not include Catch Monitoring Form Number and Catch Tagging Form document numbers. Figure 3 LSPLV xxx CMF
7	CMF did not include Catch Monitoring Form Number and Catch Tagging Form document numbers. Figure 4 LSPLV xxx CMF

The observer made none Potential Non Compliance (PNC) reports.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A						

9 Other Observer Tasks.

9.1 CV waste disposal

No waste disposal was observed during this deployment. Both the CV and LSTLVs appeared to be conscious about disposal of waste.

9.2 Unidentified or IUU vessels

No IUU vessel was observed during this deployment.

9.3 Marine mammals.

No marine mammal was observed during the deployment.

10 Health and Safety on board the CV

Both life rafts' expiry date was 27/07/2017 but the CV's firm provided a letter from Liberia Maritime Authority saying that the expiry dates of both life rafts have been extended until 31.10.2017. Letter was provided to the observer. Photograph below;

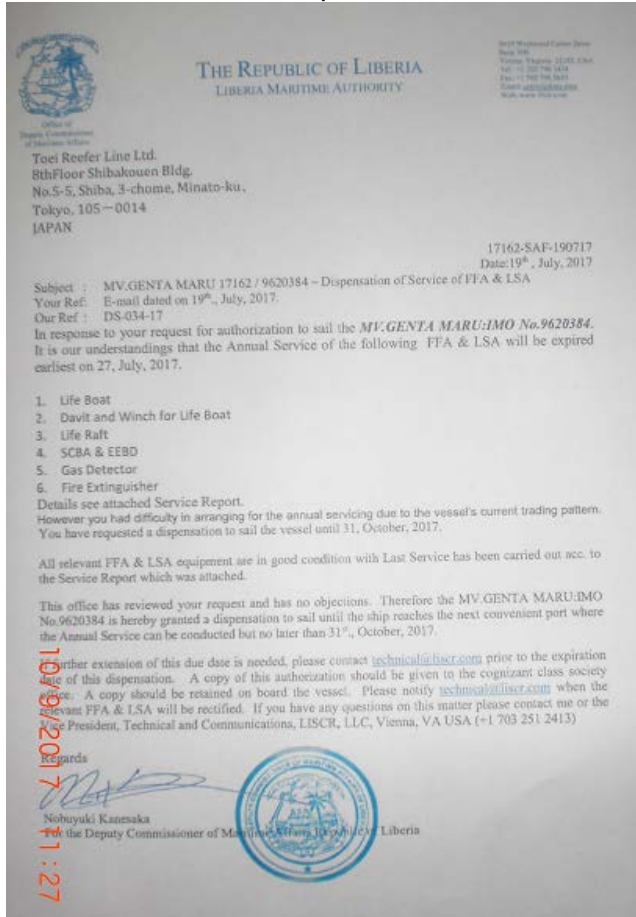


Figure 5 Liberian Maritime Authority Life raft extension

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
	X

The observer was unable to complete the report on board the vessel due to a database error in generating the tables.

Appendix I

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		21/08/2017	24° 32S	07° 04E	Some dry cargo and frozen food	Yes
		06/09/2017	01° 57N	20° 01W	2700 box bait and some dry cargo	Yes
		13/09/2017	20° 59S	03° 59E	100 kg/lit Fuel oil transferred to this vessel	Yes
		13/09/2017	20° 51S	03° 53E	100 kg/lit Fuel oil transferred to this vessel	Yes

ICCAT

Observer Report



Trip Number:	205-17
Vessel Name:	Victoria II
ICCAT Ref. No.	AT000LBR00008
Observer Name:	Jonathan Newton
Cruise Dates:	30/08/2017 to 18/10/2017

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Fisheries Monitoring Co, Jonathan Newton (ROP 13) joined the Liberian registered Carrier Vessel (CV) Victoria II (AT000LBR00008) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/08/2017 to 18/10/2017

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Victoria II	Call sign:	D5KD3
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Navisa Maritime S.A	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2100t
Size (GRT):	1161t	Length (LOA):	91.48m
On-board acoustic equipment:		JRC JFE-570S echo sounder	
Position fixing equipment:		JRC GPS-Navigator JLR-7700MKII X2	
Vessel monitoring system (present/absent):		Present	
Radar:		JRC, RCU-014	
Communications equipment:		VHF ANRITSU RU 224E X2, RT114SB-151.	
Plotters:		None	
Tuna products already on board (Quantity)		None	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	30/08/2017
Method of embarkation*	Portside
Date of departure	30/08/2017
Date of first transshipment	03/09/2017
Date of last transshipment	10/10/2017
Date when CV transited to IOTC area	18/10/2017
Date of return	18/11/2017
Date of disembarkation	18/11/2017
Method of disembarkation*	Transfer vessel in port.
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 24 transshipments at sea, the locations are shown in detail in

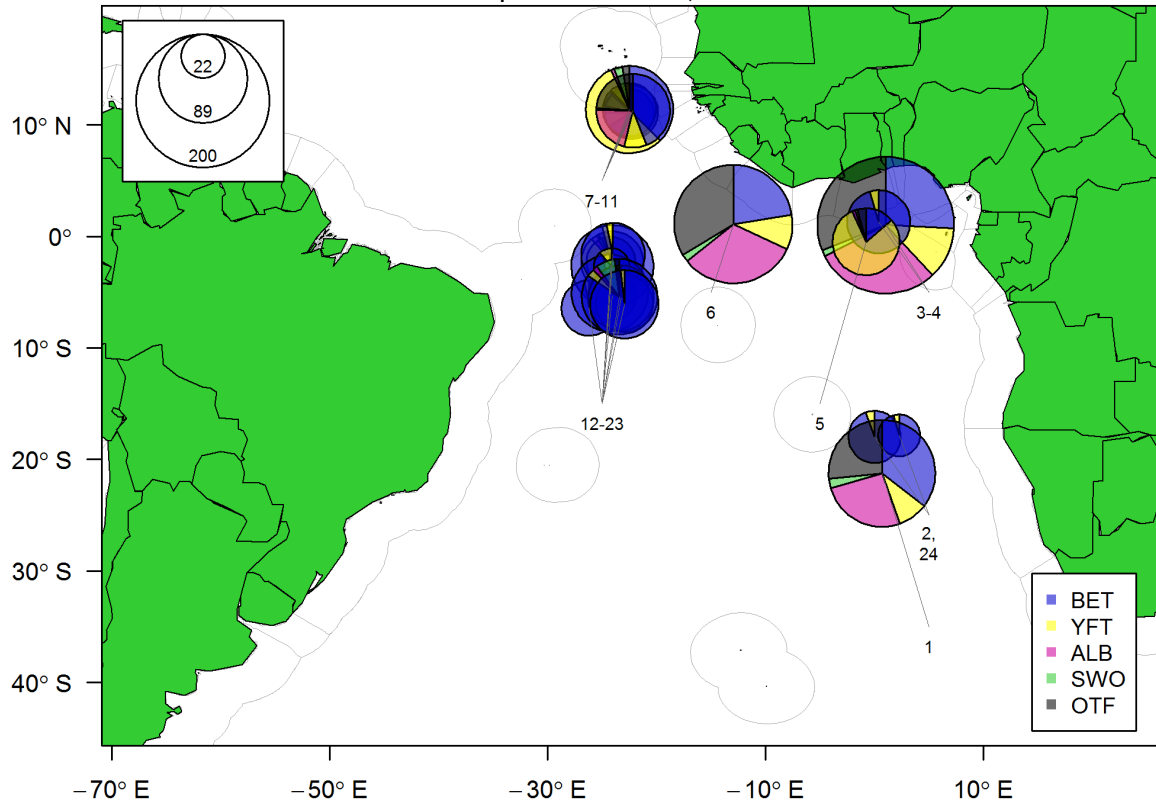


Figure 1 and the numbers received by nationality of vessel are given in Table 1. One in-port transshipment took place in the port of Sao Vicente, Cape Verde, on the 09/09/2017 for a total of 77.998tons.

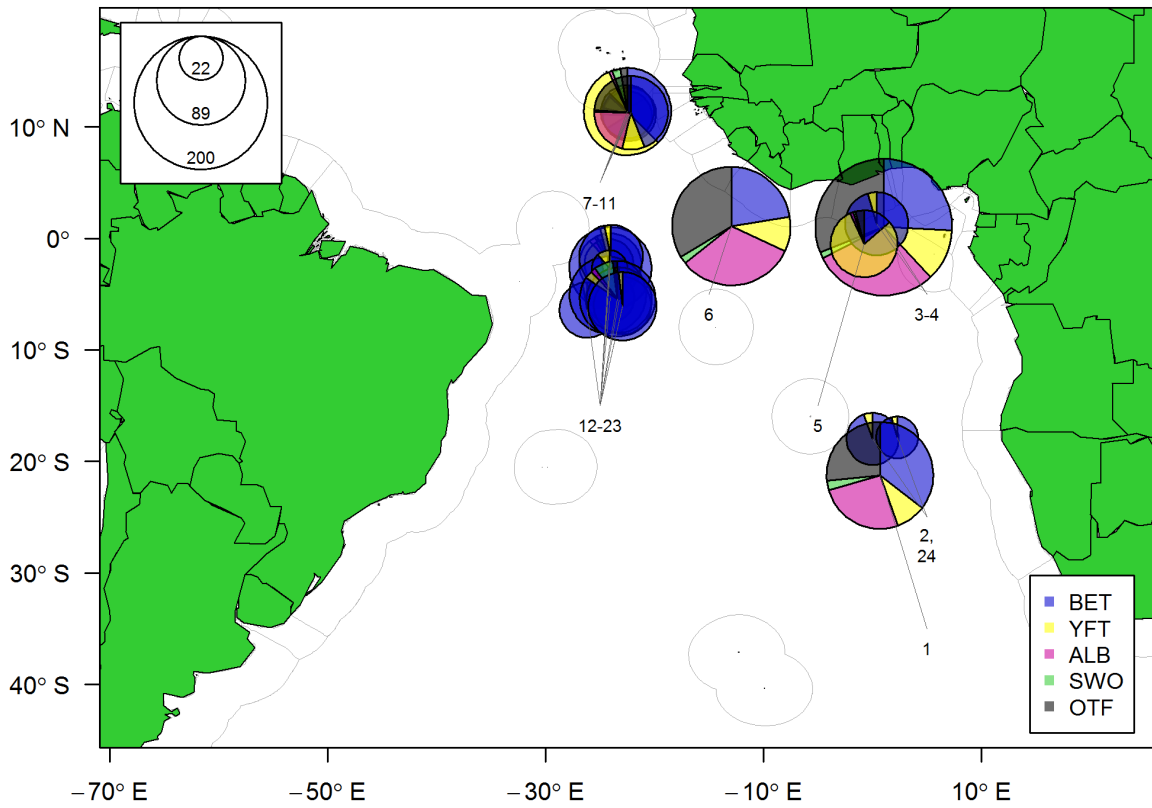


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made

Comments: One in port transhipment was performed in the port of Sao Vicente, Cape Verde. The details are reflected in table 12 in the Appendixes.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

(Table 4 and 5 produced from database query.

Copy table from the database query.

Paste the table as generated from the database below.

Then copy the **contents** of the pasted table into the table below. Remember to add the correct number of rows)

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	1.23	0.10%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	17.55	1.47%	16.61	1.37%
Albacore	<i>Thunnus alalunga</i>	S	133.90	11.19%	143.34	11.80%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	3.70	0.31%	6.88	0.57%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	2.91	0.24%	3.67	0.30%
Bigeye tuna	<i>Thunnus obesus</i>	All	801.54	67.00%	813.13	66.92%
Black marlin	<i>Makaira indica</i>	All	1.10	0.09%	0.00	0.00%
Other fish		All	0.73	0.06%	0.73	0.06%
Striped marlin	<i>Tetrapturus audax</i>	All	0.99	0.08%	1.12	0.09%
Striped marlin	<i>Tetrapturus audax</i>	N	0.26	0.02%	0.41	0.03%
Swordfish	<i>Xiphias gladius</i>	All	10.97	0.92%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	4.86	0.41%	4.60	0.38%
Swordfish	<i>Xiphias gladius</i>	S	15.20	1.27%	25.49	2.10%
Yellowfin tuna	<i>Thunnus albacares</i>	All	201.34	16.83%	199.18	16.39%

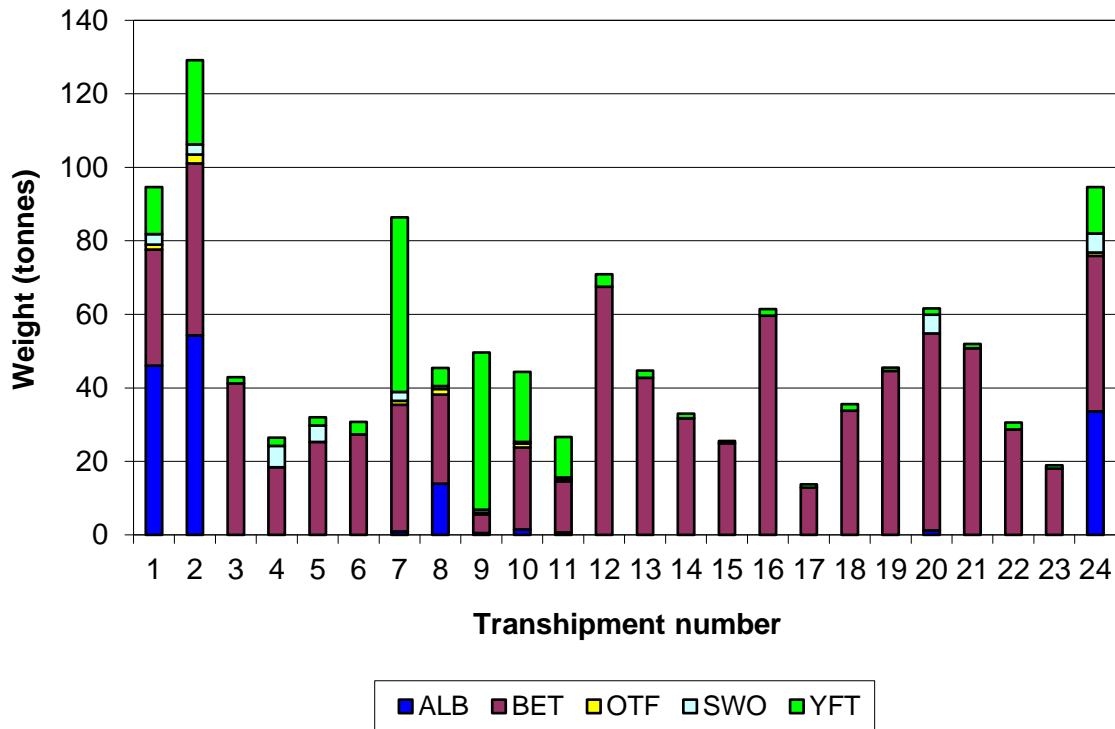


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.38
Atlantic blue marlin	<i>Makaira nigricans</i>	124.68
Bigeye tuna	<i>Thunnus obesus</i>	44.33
Black marlin	<i>Makaira indica</i>	110.00
Other fish Unclassified	N/A	22.81
Striped marlin	<i>Tetrapturus audax</i>	23.51
Swordfish	<i>Xiphias gladius</i>	56.32
Yellowfin tuna	<i>Thunnus albacares</i>	42.79

Comments:

The main species transhipped on this deployment were, bigeye tuna (*Thunnus obesus*), yellowfin tuna, (*Thunnus albacares*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), striped marlin (*Tetrapturus audax*) and atlantic blue marlin (*Makaira nigricans*).

The main type of processed product was gilled and gutted (GG) – with the gills and intestines removed leaving the head intact. All tunas, striped marlin (*T. audax*) were processed in this way.

Albacore (*T. alalunga*) were kept intact in the round (RD) and not processed at all.

The observer used the average weight calculated from the numbers and weigh of species declared by the LSPLV.

A cargo net was used in some transhipments but nearly all fish were taken directly out from the LSPLVs hold across to the CV. A crane scale was not in use on this deployment.

7 Southern bluefin tuna transhipments

The CV did not receive any southern bluefin tuna (*Thunnus maccoyii*) during this voyage.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type *	Last entry	

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
Comments.

Table 7 Comments on LSPLV checks

No	Comments

The observer made 5 Potential Non Compliance (PNC) reports summarised below in 8.

Table8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 8 Waste disposal on board the CV

The CV waste was retained on board and discharged on completion of voyage. Containers were supplied coloured for each type of waste, e.g. red was designated for plastics. All galley waste discarded overboard.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted

9.3 Marine mammals.

Table9 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
08/09/17	10:00	01 00.563N	40 01.243E	common dolphins (<i>Delphinus delphis</i>)	10	travelling
09/09/17	11:00	01 18.791N	00 22.687E	Minke whale (<i>Balaenoptera acutorostrata</i>)	1	travelling east
17/09/17	08:00	11 16.270N	22 09.910W	common dolphins (<i>Delphinus delphis</i>)	30	travelling
01/10/17	14:00	06 05.192S	22 57.711W	common dolphins (<i>Delphinus delphis</i>)	15 or more	travelling

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	206/17
Vessel Name:	TAISEI MARU NO 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Anthony Donnelly
Cruise Dates:	From: 05/10/2017 To: 14/12/2017

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and the Marine Resources Assessment Group, Anthony Donnelly (ROP no.123) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No. 24 (RFMO no AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these in the Atlantic Ocean from 05/10/2017 to 14/12/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU NO 24	Call sign:	JILE
Port of registration:	Ise Shi	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6,347.5 m ³
Size (GRT):	4,992 Ton	Length present (LOA):	124.24m
Vessel monitoring system (present/absent):		Present (JRC JUE-95VM)	
Tuna products already on board (Quantity)		189t	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	05/10/2017
Method of embarkation*	Dockside
Date of departure	05/10/2017
Date of first transshipment	10/10/2017
Date of last transshipment	11/12/2017
Date of return	14/12/2017
Date of disembarkation	14/12/2017
Method of disembarkation*	Dockside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 57 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

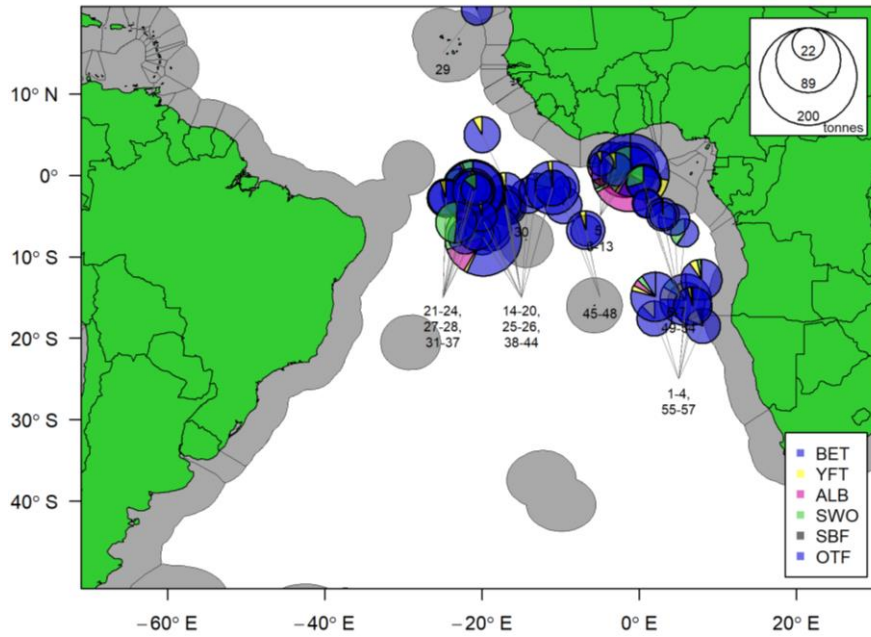


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
Belize	2
XXX	1
XXX	39
XXX	15

Comments:

A number of non ROP transshipments were made at sea (Table 10) and in port at Cape Verde (Table 11).

One Belize-flagged vessel, three XXX -flagged vessels and 11 XXX -flagged vessels transhipped twice each during the deployment.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Insp	Date	Lat	Long	Tranship time	% Obs
1			Japan	Yes	10-Oct-17	17°34 S	001°55 E	3:40	100
2			Japan	Yes	12-Oct-17	15°26 S	005°59 E	2:25	100
3			Japan	Yes	12-Oct-17	15°16 S	005°53 E	3:00	100
4			Japan	Yes	13-Oct-17	14°54 S	002°02 E	6:05	100
5			Japan	Yes	17-Oct-17	00°40 N	001°01 W	2:25	100
6			Chinese Taipei	Yes	18-Oct-17	00°53 S	000°31 E	1:25	100
7			Chinese Taipei	Yes	18-Oct-17	00°48 S	000°32 E	0:45	100
8			Chinese Taipei	Yes	19-Oct-17	00°19 N	001°09 W	2:05	100
9			Chinese Taipei	Yes	19-Oct-17	00°29 N	001°08 W	1:20	100
10			Chinese Taipei	Yes	20-Oct-17	00°41 N	001°51 W	1:35	100
11			Chinese Taipei	Yes	21-Oct-17	01°16 N	003°41 W	0:55	100
12			Chinese Taipei	Yes	21-Oct-17	00°45 N	003°01 W	1:20	100
13			Chinese Taipei	Yes	22-Oct-17	01°26 N	004°49 W	0:40	100
14			Chinese Taipei	Yes	24-Oct-17	02°30 S	014°11 W	0:35	100
15	TAI 1	AT000BLZ00042	Belize	Yes	25-Oct-17	02°00 S	017°00 W	1:05	100
16			Chinese Taipei	Yes	26-Oct-17	03°41 S	017°01 W	1:40	100
17			Chinese Taipei	Yes	26-Oct-17	03°36 S	017°08 W	1:40	100
18			Chinese Taipei	Yes	27-Oct-17	03°40 S	017°03 W	1:35	100
19			Chinese Taipei	Yes	27-Oct-17	03°29 S	017°09 W	1:15	100
20			Chinese Taipei	Yes	28-Oct-17	03°47 S	016°51 W	1:20	100
21			Japan	Yes	29-Oct-17	01°57 S	021°08 W	0:30	100
22			Chinese Taipei	Yes	29-Oct-17	01°55 S	021°10 W	1:00	100
23			Chinese Taipei	Yes	30-Oct-17	01°59 S	021°09 W	2:10	100
24			Japan	Yes	30-Oct-17	01°56 S	021°12 W	1:25	100
25			Chinese Taipei	Yes	31-Oct-17	05°40 S	019°51 W	2:55	100
26			Chinese Taipei	Yes	01-Nov-17	05°43 S	019°43 W	2:50	100
27			Chinese Taipei	Yes	02-Nov-17	05°00 S	020°01 W	2:10	100
28			Chinese Taipei	Yes	03-Nov-17	05°47 S	023°17 W	2:00	100
29			Japan	Yes	13-Nov-17	20°20 N	020°39 W	6:35	100
30			Japan	Yes	16-Nov-17	05°00 N	019°59 W	4:30	100
31			Japan	Yes	18-Nov-17	01°45 S	020°45 W	1:05	100

No	Name	RFMO No	Flag	Insp	Date	Lat	Long	Tranship time	% Obs
32			Chinese Taipei	Yes	19-Nov-17	01°29 S	021°29 W	5:40	100
33			China, P.R.	Yes	20-Nov-17	01°09 S	022°52 W	2:10	100
34			Chinese Taipei	Yes	21-Nov-17	02°47 S	024°32 W	1:40	100
35			Chinese Taipei	Yes	21-Nov-17	02°45 S	024°37 W	0:50	100
36			Chinese Taipei	Yes	22-Nov-17	07°29 S	022°04 W	1:20	100
37			Chinese Taipei	Yes	23-Nov-17	07°01 S	020°48 W	1:55	100
38			Chinese Taipei	Yes	24-Nov-17	07°39 S	019°51 W	1:30	100
39			Chinese Taipei	Yes	24-Nov-17	07°34 S	019°57 W	1:20	100
40			Chinese Taipei	Yes	25-Nov-17	06°47 S	018°50 W	1:25	100
41			Belize	Yes	27-Nov-17	01°53 S	013°04 W	1:35	100
42			Chinese Taipei	Yes	28-Nov-17	01°32 S	011°00 W	0:50	100
43			Chinese Taipei	Yes	28-Nov-17	01°33 S	011°01 W	1:15	100
44			Chinese Taipei	Yes	28-Nov-17	01°31 S	011°03 W	2:15	100
45			Chinese Taipei	Yes	29-Nov-17	01°30 S	009°30 W	1:10	100
46			Chinese Taipei	Yes	30-Nov-17	03°40 S	009°38 W	1:25	100
47			Chinese Taipei	Yes	01-Dec-17	06°46 S	006°47 W	1:05	100
48			Chinese Taipei	Yes	01-Dec-17	06°43 S	006°49 W	0:55	100
49			Chinese Taipei	Yes	03-Dec-17	03°29 S	000°59 E	1:10	100
50			Chinese Taipei	Yes	03-Dec-17	03°27 S	000°58 E	0:35	100
51			Chinese Taipei	Yes	04-Dec-17	04°48 S	002°59 E	1:30	100
52			Chinese Taipei	Yes	04-Dec-17	04°55 S	002°59 E	1:50	100
53			Japan	Yes	05-Dec-17	05°26 S	004°24 E	2:45	100
54			Japan	Yes	06-Dec-17	07°04 S	005°45 E	2:25	100
55			Japan	Yes	07-Dec-17	12°48 S	007°54 E	1:25	100
56			Japan	Yes	08-Dec-17	16°02 S	006°48 E	2:05	100
57			Japan	Yes	09-Dec-17	18°29 S	008°05 E	1:40	100

Comments:

All vessels were 100% observed.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	11,800	13,100	20,400	21,900	1,110	1,310	20,200	22,200	53,510	58,510	5,000	8.55
2	21,900	20,000	7,100	7,700	1,500	1,700	13,500	12,900	44,000	42,300	-1,700	-4.02
3	25,200	26,500	8,700	7,400	1,400	1,300	20,600	22,400	55,900	57,600	1,700	2.95
4	42,800	44,500	22,600	23,200	2,500	2,500	43,910	44,500	117,610	120,800	3,190	2.64
5	37,600	38,500	1,400	1,500	25,700	26,200	0	0	64,700	66,200	1,500	2.27
6	24,600	25,700	3,500	3,600	0	0	0	0	28,100	29,300	1,200	4.10
7	14,300	14,600	1,200	1,100	0	0	0	0	15,500	15,700	200	1.27
8	30,900	31,200	3,000	3,100	0	0	0	0	33,900	34,300	400	1.17
9	25,500	23,700	1,400	1,300	0	0	0	0	26,900	25,000	-1,900	-7.60
10	34,100	34,000	1,200	1,200	0	0	0	0	35,300	35,200	-100	-0.28
11	23,900	24,400	400	400	0	0	0	0	24,300	24,800	500	2.02
12	37,200	36,500	2,200	2,000	0	0	0	0	39,400	38,500	-900	-2.34
13	12,600	12,600	700	600	0	0	0	0	13,300	13,200	-100	-0.76
14	10,400	10,600	200	200	0	0	0	0	10,600	10,800	200	1.85
15	34,200	36,400	2,300	2,300	0	0	0	0	36,500	38,700	2,200	5.68
16	26,800	27,400	600	600	0	0	0	0	27,400	28,000	600	2.14
17	38,700	38,900	1,500	1,300	0	0	0	0	40,200	40,200	0	0.00
18	30,600	30,800	1,500	1,500	0	0	0	0	32,100	32,300	200	0.62
19	36,400	37,000	1,500	1,600	0	0	0	0	37,900	38,600	700	1.81
20	30,600	31,200	600	700	0	0	0	0	31,200	31,900	700	2.19
21	10,000	9,900	400	400	2,100	2,300	0	0	12,500	12,600	100	0.79
22	24,400	24,700	1,000	900	0	0	0	0	25,400	25,600	200	0.78
23	40,800	41,100	600	700	700	700	0	0	42,100	42,500	400	0.94
24	24,000	24,200	1,000	1,100	7,000	7,400	0	0	32,000	32,700	700	2.14

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
25	66,000	69,800	3,700	3,400	0	0	0	0	69,700	73,200	3,500	4.78
26	72,200	73,500	2,100	2,200	0	0	0	0	74,300	75,700	1,400	1.85
27	33,200	33,200	400	400	0	0	0	0	33,600	33,600	0	0.00
28	32,200	31,700	1,000	900	0	0	0	0	33,200	32,600	-600	-1.84
29	83,600	88,300	2,000	2,200	35,600	23,900	20,100	22,400	141,300	136,800	-4,500	-3.29
30	47,600	52,900	1,900	1,600	11,000	6,300	22,000	24,800	82,500	85,600	3,100	3.62
31	20,700	21,800	200	100	4,800	5,000	0	0	25,700	26,900	1,200	4.46
32	84,400	88,000	1,600	1,400	4,900	5,600	0	0	90,900	95,000	4,100	4.32
33	51,300	53,300	400	400	0	0	0	0	51,700	53,700	2,000	3.72
34	34,700	37,900	900	1,000	0	0	0	0	35,600	38,900	3,300	8.48
35	27,800	26,900	800	800	0	0	0	0	28,600	27,700	-900	-3.25
36	30,400	32,100	900	900	0	0	0	0	31,300	33,000	1,700	5.15
37	31,800	32,400	800	900	0	0	0	0	32,600	33,300	700	2.10
38	29,500	30,500	1,100	1,600	0	0	0	0	30,600	32,100	1,500	4.67
39	39,200	43,200	600	700	0	0	0	0	39,800	43,900	4,100	9.34
40	23,000	22,700	800	900	0	0	0	0	23,800	23,600	-200	-0.85
41	22,800	22,800	0	0	20,600	21,500	0	0	43,400	44,300	900	2.03
42	21,900	21,100	100	100	3,400	3,500	0	0	25,400	24,700	-700	-2.83
43	26,900	27,400	200	200	3,800	5,600	0	0	30,900	33,200	2,300	6.93
44	19,600	20,700	100	100	8,500	8,600	0	0	28,200	29,400	1,200	4.08
45	12,000	12,300	100	100	8,900	8,400	0	0	21,000	20,800	-200	-0.96
46	19,900	20,300	100	100	5,300	5,700	0	0	25,300	26,100	800	3.07
47	20,700	19,100	100	100	0	0	0	0	20,800	19,200	-1,600	-8.33
48	22,800	22,000	400	400	0	0	0	0	23,200	22,400	-800	-3.57
49	29,200	28,200	400	400	0	0	0	0	29,600	28,600	-1,000	-3.50

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
50	18,400	19,000	200	200	0	0	0	0	18,600	19,200	600	3.13
51	26,700	28,100	3,800	4,000	0	0	0	0	30,500	32,100	1,600	4.98
52	33,600	33,000	3,300	3,800	0	0	0	0	36,900	36,800	-100	-0.27
53	50,100	52,500	5,500	5,700	5,600	4,500	6,700	7,100	67,900	69,800	1,900	2.72
54	47,600	50,300	2,000	2,400	4,200	2,360	5,020	5,860	58,820	60,920	2,100	3.45
55	24,800	26,200	4,100	4,200	300	400	700	700	29,900	31,500	1,600	5.08
56	38,000	39,900	2,600	2,800	1,100	1,250	300	300	42,000	44,250	2,250	5.08
57	34,300	36,600	1,300	1,300	400	400	200	200	36,200	38,500	2,300	5.97

Comments:

All vessels were boarded and inspected and all transshipments were fully observed. No differences of greater than 10% between observed and transhipped figures were noted.

6. Species and weight transferred

The vessel contained 189t of tuna product when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	0.70	0.03	0.70	0.03
Albacore	<i>Thunnus alalunga</i>	N	16.30	0.72	17.80	0.77
Albacore	<i>Thunnus alalunga</i>	S	109.10	4.80	113.60	4.89
Atlantic blue marlin	<i>Makaira nigricans</i>	N	2.70	0.12	2.90	0.12
Atlantic blue marlin	<i>Makaira nigricans</i>	S	11.00	0.48	11.60	0.50
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	0.50	0.02	0.50	0.02
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	2.90	0.13	1.40	0.06
Bigeye tuna	<i>Thunnus obesus</i>	All	1826.20	80.30	1875.20	80.73
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	0.00	0.00	2.30	0.10
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0.10	0.00	0.10	0.00
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.50	0.02	0.47	0.02
Atlantic sailfish	<i>Istiophorus albicans</i>	NE	0.10	0.00	0.10	0.00
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	0.30	0.01	0.52	0.02
Opah	<i>Lampris guttatus</i>	NE	0.30	0.01	0.40	0.02
Opah	<i>Lampris guttatus</i>	SE	7.20	0.32	8.00	0.34
Other fish Unclassified	N/A	SE	0.40	0.02	0.30	0.01
Shortfin mako	<i>Isurus oxyrinchus</i>	NE	0.10	0.00	0.60	0.03
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.12	0.01	0.97	0.04
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.01	0.00	0.20	0.01
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	5.80	0.26	6.10	0.26
Striped marlin	<i>Tetrapturus audax</i>	SE	0.90	0.04	0.90	0.04
Swordfish	<i>Xiphias gladius</i>	All	17.90	0.79	0.40	0.02
Swordfish	<i>Xiphias gladius</i>	N	35.60	1.57	30.20	1.30
Swordfish	<i>Xiphias gladius</i>	S	104.81	4.61	113.52	4.89
Swordfish	<i>Xiphias gladius</i>	Unk	2.10	0.09	2.30	0.10
Yellowfin tuna	<i>Thunnus albacares</i>	All	128.50	5.65	131.60	5.67

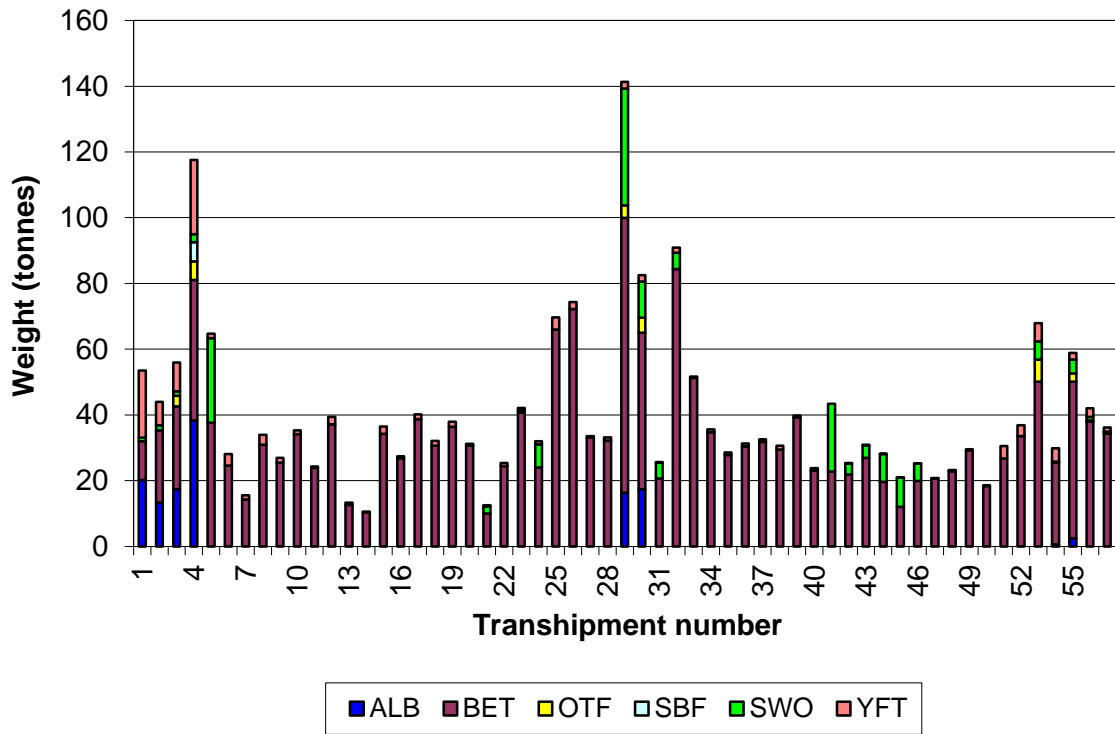


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	14.96
Atlantic blue marlin	<i>Makaira nigricans</i>	105.38
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	16.83
Bigeye tuna	<i>Thunnus obesus</i>	47.81
Dolphinfish	<i>Coryphaena hippurus</i>	7.23
Atlantic sailfish	<i>Istiophorus albicans</i>	21.05
Opah	<i>Lampris guttatus</i>	9.28
Other fish Unclassified	N/A	26.67
Shortfin mako	<i>Isurus oxyrinchus</i>	9.17
Skipjack tuna	<i>Katsuwonus pelamis</i>	3.33
Southern bluefin tuna	<i>Thunnus maccoyii</i>	55.77
Striped marlin	<i>Tetrapturus audax</i>	32.14
Swordfish	<i>Xiphias gladius</i>	54.80
Yellowfin tuna	<i>Thunnus albacares</i>	34.32

Comments:

Tuna species represented 92% of transhipped product and swordfish represented another 6.2%. No other species transhipped represented more than 1% of the total weight transhipped.

In all cases product was transferred to the CV by the use of hoisted strings but on occasion nets were used toward the end of a transhipment to ease transfer of smaller fish. The CV did not measure individual species as they were transferred however the CV crew did use a weighing scale to measure total strings or nets of product as they were transferred to the CV, (Figure 3, Figure 4). Use of the scale provided an accurate measure of the total quantity of product being transferred.

All LSPLVs supplied total weights and figures for transhipments. Average figures for individual species were obtained by dividing declared weights by declared numbers, average declared weights were multiplied by observed numbers to obtain observed weights.



Figure 3 CV weighing scale.



Figure 4 CV weighing scale close up.

6 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
4			JAPAN	YES	13/10/2017	14'54'S	02'02'E	6:05	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of SBF (Kg)	Catch Monitoring Form Number	Tag series number (from – to)
4	9	110	6076	XXX	0803-0912

Comments: Transhipment of southern Bluefin tuna occurred on one occasion. Before the transhipment the observer was informed by the CV's Chief Officer that SBF were to be transhipped, all documentation was shown to the observer whilst on board the LSPLV and pictures were taken of tagged fish during the transhipment.

7 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	10/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	09/10/17
2			Y	12/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	10/10/17
3			Y	12/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	10/10/17
4			Y	13/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	10/10/17
5			Y	17/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	17/10/17
6			Y	18/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	17/10/17
7			Y	18/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	17/10/17
8			Y	19/10/17	Y	Y	Y	Y	Y	10/12/17	Y	Y	Y	Y	Y	PB	17/10/17
9			Y	19/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	18/10/17
10			Y	20/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	19/10/17
11			Y	21/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	20/10/17
12			Y	21/10/17	Y	Y	Y	Y	Y	06/07/20	Y	Y	Y	Y	Y	PB	21/10/17
13			Y	22/10/17	Y	Y	Y	Y	Y	15/12/20	Y	Y	Y	Y	Y	PB	22/10/17
14			Y	24/10/17	Y	Y	Y	Y	Y	06/09/19	Y	Y	Y	Y	Y	PB	23/10/17
15			Y	25/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	24/10/17
16			Y	26/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	25/10/16
17			Y	26/10/17	Y	Y	Y	Y	Y	05/06/20	Y	Y	Y	Y	Y	PB	25/10/17
18			Y	27/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	26/10/17

19			Y	27/10/17	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	PB	26/10/17
20			Y	28/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	27/10/17
21			Y	29/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	28/10/17
22			Y	29/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	29/10/17
23			Y	30/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	20/10/17
24			Y	30/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	29/10/17
25			Y	31/10/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	30/10/17
26			Y	01/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	01/11/17
27			Y	02/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	01/11/17
28			Y	03/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	02/11/17
29			Y	13/11/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	12/11/17
30			Y	16/11/17	Y	Y	Y	Y	Y	31/07/22	U/ K	Y	Y	Y	Y	EL	15/11/17
31			Y	18/11/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	17/11/17
32			Y	19/11/17	Y	Y	Y	Y	Y	19/01/20	Y	Y	Y	Y	Y	PB	18/11/17
33			Y	20/11/17	Y	Y	Y	Y	Y	31/03/18	Y	Y	Y	Y	Y	PB	20/11/17
34			Y	21/11/17	Y	Y	Y	Y	Y	01/12/17	Y	Y	Y	Y	Y	PB	21/11/17
35			Y	21/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	21/11/17
36			Y	22/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	21/11/17
37			Y	23/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	23/11/17
38			Y	24/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	22/11/17
39			Y	24/11/17	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	PB	23/11/17
40			Y	25/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	25/11/17
41			Y	27/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	26/11/17
42			Y	28/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	27/11/17
43			Y	28/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	27/11/17
44			Y	28/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	27/11/17
45			Y	29/11/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	28/11/17
46			Y	30/11/17	Y	Y	Y	Y	Y	06/09/19	Y	Y	Y	Y	Y	PB	29/11/17
47			Y	01/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	01/12/17
48			Y	01/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	29/11/17
49			Y	03/12/17	Y	Y	Y	Y	Y	15/12/20	Y	Y	Y	Y	Y	PB	02/12/17
50			Y	03/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	02/12/17

51			Y	04/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	03/12/17
52			Y	04/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	03/12/17
53			Y	05/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	04/12/17
54			Y	07/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	06/12/17
55			Y	06/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	04/12/17
56			Y	08/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	06/12/17
57			Y	09/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	07/12/17

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments. All LSPLVs were boarded and inspected no major problems were found regarding ATF's, logbook's or VMS units, minor problems are shown in table 9. The observer made no Potential Non Compliance (PNC) reports during this deployment.

Table 9 **Comments on LSPLV checks**

No	Comments
29	<p>XXX: The database RFMO no supplied for this vessel is XXX however the CV supplied a number XXX, the number recorded in the TD reflected the ICCAT number of the previously recorded historic vessel XXX (Figure)</p> <p>Figure XXX TD</p>

8 Other Observer Tasks.

8.1 CV waste disposal

Taisei Maru No 24 had a comprehensive waste disposal and incineration system, colour coded oil drums were placed at the stern of the vessel that were labelled with appropriate markings, individual drums were used to collect cans/metals, fishing gear, operational waste and food waste. (Figure 5) All combustible materials were incinerated (Figure 6) with the ash and other non-combustibles stored on board for disposal on shore.

A number of LSPLVs were observed discarding waste (Figure , Figure 18, Figure 19).



Figure 5 TAISEI MARU NO24 waste disposal bins.



Figure 6 TAISEI MARU NO 24 incinerator.

8.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during this deployment.

8.3 Marine mammals.

No marine mammals were seen during this deployment

9 Health and Safety on board the CV

There were no health or safety issues during this deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix A Non ROP Transhipments.

During the deployment the CV conducted transhipments of non ROP materials with the following vessels.

Table 10, Non ROP Transhipments.

Vessel	IRCS	Reg No	RFMO No	Date	T/Ship No	Position	Bait (t)	Fuel (k/l)	Engine Oil
									(200l Barrel)
				09-10-2017		17°18'S - 01°56'E		100.0	
				09-10-2017		17°16'S - 01°56'E		50.0	
				10-10-2017		17°58'S - 01°58'E	8.2	150.0	
				10-10-2017	1	17°34'S - 01°55'E	6.0	100.0	
				11-10-2017		15°23'S - 05°53'E	12.5		
				12-10-2017	2	15°26'S - 05°59'E	20.7	100.0	
				12-10-2017	3	15°16'S - 05°53'E	20.7		
				13-10-2017		15°07'S - 02°19'E	11.3	100.0	
				13-10-2017	4	14°54'S - 02°02'E	20.7	50.0	
				15-10-2017		08°49'S - 01°00'W		100.0	
				15-10-2017		08°47'S - 01°00'W	18.0	150.0	
				17-10-2017	5	00°40'N - 01°01'W	30.0	50.0	13
				18-10-2017	6	00°53'S - 00°31'E	26.7		
				18-10-2017	7	00°48'S - 00°37'E	26.6		
				19-10-2017	8	00°19'N - 01°09'W	26.7		4
				19-10-2017	9	00°29'N - 01°08'W	15.0		20
				20-10-2017	10	00°41'N - 01°51'W	41.0		10
				21-10-2017	12	00°45'N - 03°01'W	41.0		
				22-10-2017	13	01°26'N - 04°49'W	39.0		
				24-10-2017	14	02°30'S - 14°11'W	29.0		
				25-10-2017	15	02°00'S - 17°00'W	31.0		12
				26-10-2017	16	03°41'S - 17°01'W	30.0		

Vessel	IRCS	Reg No	RFMO No	Date	T/Ship No	Position	Bait (t)	Fuel (k/l)	Engine Oil
									(200l Barrel)
				26-10-2017	17	03'36'S - 17'08'W	30.0		10
				27-10-2017	18	03'40'S - 17'03'W	27.0		
				27-10-2017	19	03'29'S - 17'09'W	29.0		
				29-10-2017	22	01'55'S - 21'10'W	39.0		8
				30-10-2017	24	01'56'S - 21'12'W	30.0	50.0	8
				31-10-2017	25	05'40'S - 19'51'W	30.0		
				01-11-2017	26	05'43'S - 19'43'W	33.5		1
				03-11-2017	28	05'19'S - 23'17'W	39.0		1
				16-11-2017	30	05'00'N - 19'59'W		120.0	
				18-11-2017	31	01'45'S - 20'45'W		50.0	
				21-11-2017	35	02'45'S - 24'37'W	19.0		10
				22-11-2017	36	07'29'S - 22'04'W			18
				23-11-2017	37	07'01'S - 20'48'W	20.0		9
				24-11-2017	38	07'39'S - 19'51'W	19.0		
				24-11-2017	39	07'34'S - 19'57'W	19.0		
				25-11-2017	40	06'47'S - 18'50'W	19.0		
				01-12-2017	48	06'43'S - 06'49'W		30.0	
				03-12-2017	49	03'27'S - 00'58'E	25.0		
				05-12-2017	53	05'26'S - 04'24'E		70.0	
				05-12-2017		05'19'S - 04'20'E		130.0	
				06-12-2017	54	07'04'E - 05'45'E		160.0	
				07-12-2017	55	12'48'E - 07'54'E		135.0	
				08-12-2017	56	16'02'S - 06'48'E		100.0	
				09-12-2017	57	18'29'S - 08'05'E		135.0	

Appendix B Cape Verde Transhipments

In addition to high sea's transhipments TAISEI MARU NO 24 conducted transhipments in Porto Grande in the Cape Verde Islands with the following vessels. (Figure 7, Figure 8)

Table 11, Cape Verde Transhipments.

Vessel	IRCS	Reg No	RFMO No	Date	Transhipment (t)
				09-11-2017	208.0
				10-11-2017	54.1

Figure 7 XXX

Figure 8 XXX

Appendix C Vessels Observed Drying Shark Fins.

During the deployment the following vessels were observed drying shark fins on the stern of the vessel.

Table 12, Vessels Drying Shark Fins.

Vessel	IRCS	Reg No	RFMO No	Date	Figure No
				09-10-2017	(Figure 9)
				10-10-2017	(Figure 10)
				10-10-2017	(Figure 11)
				11-10-2017	(Figure 12)
				12-10-2017	(Figure 13)
				12-10-2017	(Figure 15)
				13-10-2017	(Figure 14)
				15-10-2017	(Figure 16)
				15-10-2017	(Figure 17)
				16-11-2017	(Figure 17)
				05-12-2017	(Figure 16)
				06-12-2017	(Figure 14)
				09-12-2017	(Figure 13)

Figure 9 XXX

Figure 10 XXX

Figure 11 XXX

Figure 12 FUKUKYU MARU NO 7

Figure 13 XXX

Figure 14 XXX

Figure 15 XXX

Figure 16 XXX

Figure 17 XXX

Appendix D Vessels Observed Discarding Pollutants.

The following vessels were observed discarding waste products during transshipments.

Table 13, Vessels Observed Discarding Waste.

Vessel	IRCS	Reg No	RFMO No	Date	Figure No
				13-10-2017	(Figure , Figure 18)
				28-11-2017	(Figure 19)

Figure XXXdiscarding cardboard boxes.

Figure 18 XXXdiscarding an oil product.

Figure 19 XXXdiscarding general waste.

ICCAT

Observer Report



Trip Number:	<i>207</i>
Vessel Name:	<i>FUTAGAMI</i>
ICCAT Ref. No.	AT000LBR00016
Observer Name:	<i>Maurice O Malley</i>
Cruise Dates:	<i>From: 28/10/2017 To: 20/12/2017</i>

1 Cruise Summary

In accordance with the bilateral agreement between TOEI REEFER LTD. and MRAG, Maurice O Malley (ROP no. 128) joined the Liberian registered Carrier Vessel (CV) Futagami (AT000LBR00016) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/10/2017 to 20/12/2017

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	FUTAGAMI	Call sign:	DSKG4
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	NAVISA MARITIME S.A.	Charterer:	TOEI REEFER LTD.
Vessel type:	REFRIGERATED CARGO CARRIER	Hold capacity:	4,029.75 CMT
Size (GRT):	2.581	Length (LOA):	88.94
Vessel monitoring system (present/absent):		ARGOS (Martec) MARGE V2	
Tuna products already on board (Quantity)		Yes	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	28/10/2017
Method of embarkation*	Dockside
Date of departure	28/10/2017
Date of first transshipment	31/10/2017
Date of last transshipment	30/11/2017
Date of return	20/12/2017
Date of disembarkation	20/12/2017
Method of disembarkation*	Launch
Port of return	Port Louis, Mauritius

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 4 transshipments at sea, the locations are shown in detail in

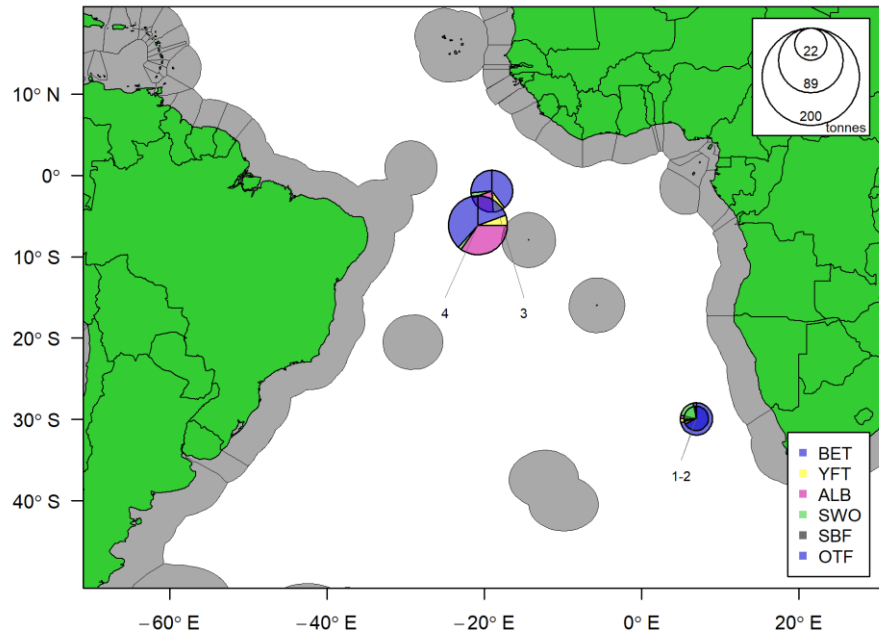


Figure 1, the numbers received by nationality of vessel are given in Table 1.

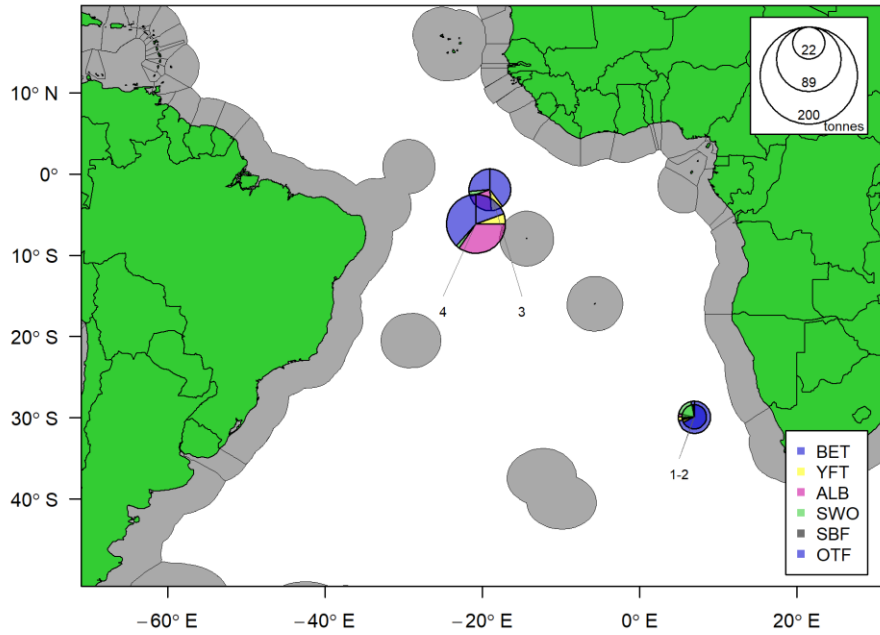


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	2
	2

Comments: The same Senegalese vessel transhipped twice with the carrier vessel. During this deployment there was a total of fifteen non-ROP transhipments. Three at sea, two in port transhipments in Cape Town and ten in Sao Vicente.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspect ed	Date	Latitude	Longitude	Transhipment time	% Observed
1					31/10/2017	29°55.58 S	006°56.33 E	01:45	100
2					31/10/2017	29°51.61 S	006°55.33 E	04:50	100
3				Yes	09/11/2017	01°55.93 S	019°03.34 W	02:00	100
4				Yes	30/11/2017	06°07.118 S	020°49.12 W	01:03	100

Comments:

All vessels were boarded, inspected and transhipments were observed 100%.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	18,707	24,071	9,249	5,608	2,886	2,455	14,861	15,983	45,703	48,117	2,414	5.02
2	24,439	23,460	8,130	6,731	2,910	2,506	43,211	46,214	78,690	78,911	221	0.28
3	26,178	25,850	1,104	1,450	6,329	6,500	1,382	1,200	34,993	35,000	7	0.02
4	14,359	13,950	0,614	700	5,006	5,120	454	430	20,433	20,200	-233	-1.15

Comments:

The difference observed between the vessel and observers figures did not exceed 10%. In the case of transhipment 3 and 4 the vessel used a hook scale during transhipments.

6 Species and weight transferred

The vessel had tuna products onboard from the transshipments in the IOTC area. The total declared weight of all species transferred at sea during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**. A further twelve in port transshipments occurred during this deployment. species present during these transshipments which are not included on the table below are Bluefin tuna (*Thunnus thynnus thynnus*), Blue Marlin (*Makaira nigricans*) and Striped marlin (*Tetrapturus audax*).

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	52,385	29.13	55,927	30.69
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1,396	0.78	1,496	0.82
Bigeye tuna	<i>Thunnus obesus</i>	All	83,683	46.54	87,331	47.92
Black marlin	<i>Makaira indica</i>	All	184	0.10	46	0.03
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	380	0.21	503	0.28
Opah	<i>Lampris guttatus</i>	All	5,067	2.82	5,572	3.06
Other fish Unclassified	N/A	All	338	0.19	10	0.01
Swordfish	<i>Xiphias gladius</i>	S	17,131	9.53	16,581	9.10
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	All	120	0.07	273	0.15
Wahoo	<i>Acanthocybium solandri</i>	All	38	0.02	0	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	19,097	10.62	14,489	7.95

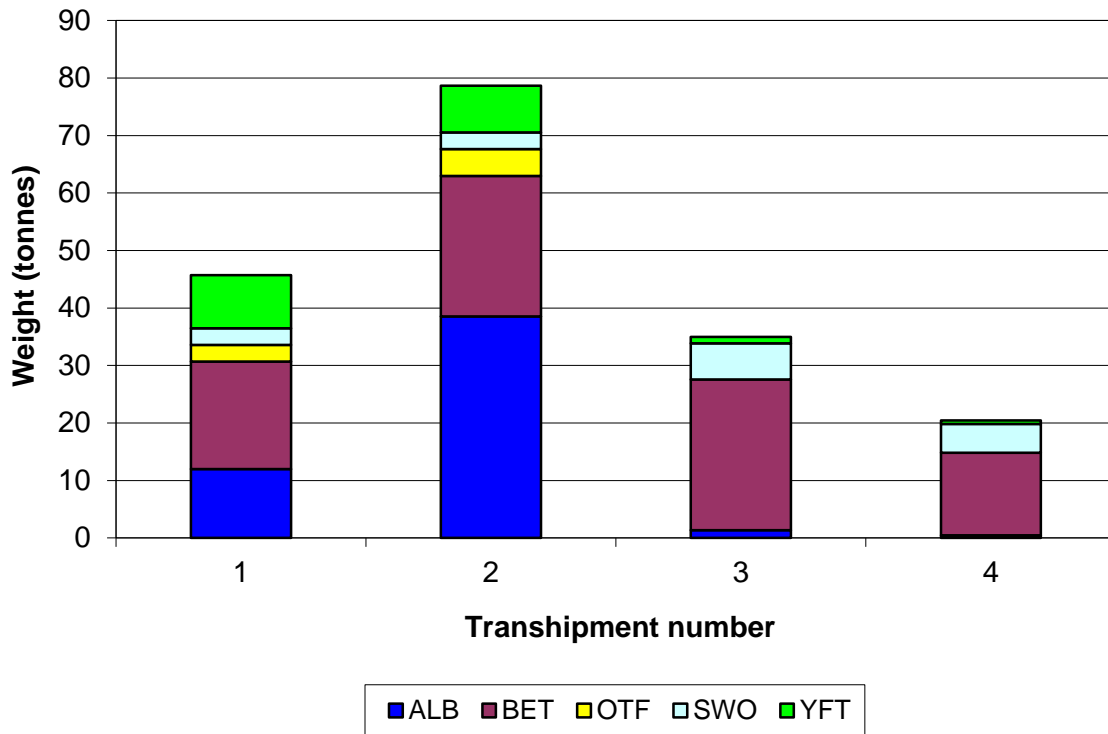


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	17.46
Atlantic blue marlin	<i>Makaira nigricans</i>	107.38
Bigeye tuna	<i>Thunnus obesus</i>	44.82
Black marlin	<i>Makaira indica</i>	46
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	15.2
Opah	<i>Lampris guttatus</i>	8.29
Other fish Unclassified	N/A	14.08
Swordfish	<i>Xiphias gladius</i>	51.76
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	20
Wahoo	<i>Acanthocybium solandri</i>	19
Yellowfin tuna	<i>Thunnus albacares</i>	38.12

Comments: Yellowfin tuna (*Thunnus albacares*) and bigeye tuna (*Thunnus obesus*) were transhipped gilled and gutted. Swordfish (*Xiphias gladius*), opah (*Lampris guttatus*), black marlin (*Makaira indica*), narrow-barred spanish mackerel (*Scomberomorus commerson*), wahoo (*Acanthocybium solandri*) and shark products were transhipped head off or dressed. Albacore (*Thunnus alalunga*) were transhipped whole.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin tuna was transhipped during this deployment

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1				31/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	30/10/17
2				31/10/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PU	31/10/17
3				09/11/17	Y	Y	Y	Y	Y	31/12/17	Unk	Y	Y	Y	Y	Y	PB	08/11/17
4				30/11/17	Y	Y	Y	Y	Y	31/12/17	Unk	Y	Y	Y	Y	Y	PB	29/11/17

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments: In the case of transhipments three and four the carrier vessel transhipped fish with the Diamalaye 1909 on two separate occasions vessel at sea to carry out transhipments. For the vessel DIAMALAYE 1909 it was not possible to definitively confirm the area of authorization as the Senagalese ATF provided specified area of authorisation as “25/30/50”.

Table 9 **Comments on LSPLV checks**

No	Comments
2	<p>The vessel did not have a bound and printed copy of the logbook on board at time of inspection. Prior to inspection the CV captain notified the observer the vessel may not have an electronic copy of logbook as they were having trouble with their computer. At time of boarding the observer was shown a partial digital logbook which ended at the 10/10/2017 with a printed but unbound A4 copy of the logbook covering from 21/10/2017 presented during inspection. This missing dates 11/10/2017-20/10/2017 were noted by the observer and the FV was asked about this. The CV captain who was present translated and the FV captain understood. The observer was told that they were unable to present a complete digital record as the computer had broken and would request the missing records from their company office. The observer received a printed but unbound copy of the missing dates once back on board the CV and prior to the end of transshipment.</p> <p>Figure 3</p>
3	<p>The ATF isn't clear on whether the vessel has authorisation to fish in ICCAT waters, referencing authorisation to fish in the areas of 25/30/50.</p> <p>Figure 4</p>

The observer made (2) Potential Non Compliance (PNC) reports summarised below in Table 10. These were reported at the time of transshipment, these were reevaluated and considered not substansive enough to be PNC events.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1				LNB		
2			20703	AIA		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel employs a colour coded bin system with small bins in the port side hallway on the officers deck and larger coloured drums on the starboard side main deck in front of the crew quarters. There is also an incinerator made from an old drum at the stern of the vessel which is used intermittently to burn refuse.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during this deployment.

9.3 Marine mammals.

No Marine Mammals were sighted during this deployment.

10 Health and Safety on board the CV

There were no health and safety concerns noted during this deployment.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/10/2017			In port transhipment	Y
		24/10/2017			In port transhipment	Y
		03/11/2017			At sea transfer of supplies, boxes	Y
		03/11/2017			At sea transfer of fuel, bunkering	Y
		14/11/2017			In port transhipment	N
		15/11/2017			In port transhipment	N
		17/11/2017			In port transhipment	N
		18/11/2017			In port transhipment	N
		19/11/2017			In port transhipment	N
		20/11/2017			In port transhipment	N
		21/11/2017			In port transhipment	N
		22/11/2017			In port transhipment	N
		23/11/2017			In port transhipment.	N
		24/11/2017			In port transhipment.	N
		26/11/2017			At sea transfer of supplies, boxes	Y

The non-ROP in port transhipments in the above table also included other species which were also transhipped. During this deployment, 502.914Tons of BFT was transhipped during in port transhipments and a total of 244.555Tons of other fish was also transhipped in port. In addition a further 182.228Tons was transhipped at sea.

ICCAT

Observer Report



Trip Number:	208 -17
Vessel Name:	IBUKI
ICCAT Ref. No.	AT000PAN00163
Observer Name:	Basil. Z. Vilakazi
Cruise Dates:	From: 15/11/2017 to: 19/01/2018

1 Cruise Summary

In accordance with the bilateral agreement between M.R.S Corporation and Capricorn fisheries Monitoring cc, Basil Z Vilakazi (031) joined the Panama registered Carrier Vessel (CV) IBUKI (AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna and tuna-like species and other species caught in association with these species in the Atlantic Ocean from 15/11/2017 to 19/01/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	IBUKI	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S. A	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2930t
Size (GRT):	6558	Length (LOA):	134.15m
On-board acoustic equipment:		Furuno FE- 700 echo sounder	
Position fixing equipment:		2 x Furuno GPS GP - 150	
Vessel monitoring system (present/absent):		CLS Thorium TST – 100	
Radar:		2 x Furuno MU – 190	
Communications equipment:		2x Furuno VHF RC -8900,2x Furuno HF, Inmarsat B & C, Sat. Telephone, E- mail, Fax, Navtex.	
Plotters:		N/A	
Tuna products already on board (Quantity)		281.858 tons	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town (RSA)
Date of embarkation	15/11/2017
Method of embarkation*	Portside
Date of departure	16/11/2017
Date of first transshipment	23/11/2017
Date of last transshipment	14/01/2018
Date of return	19/01/2018
Date of disembarkation	19/01/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Walvis Bay (Namibia)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 48 transshipments at sea, the locations are shown in detail in

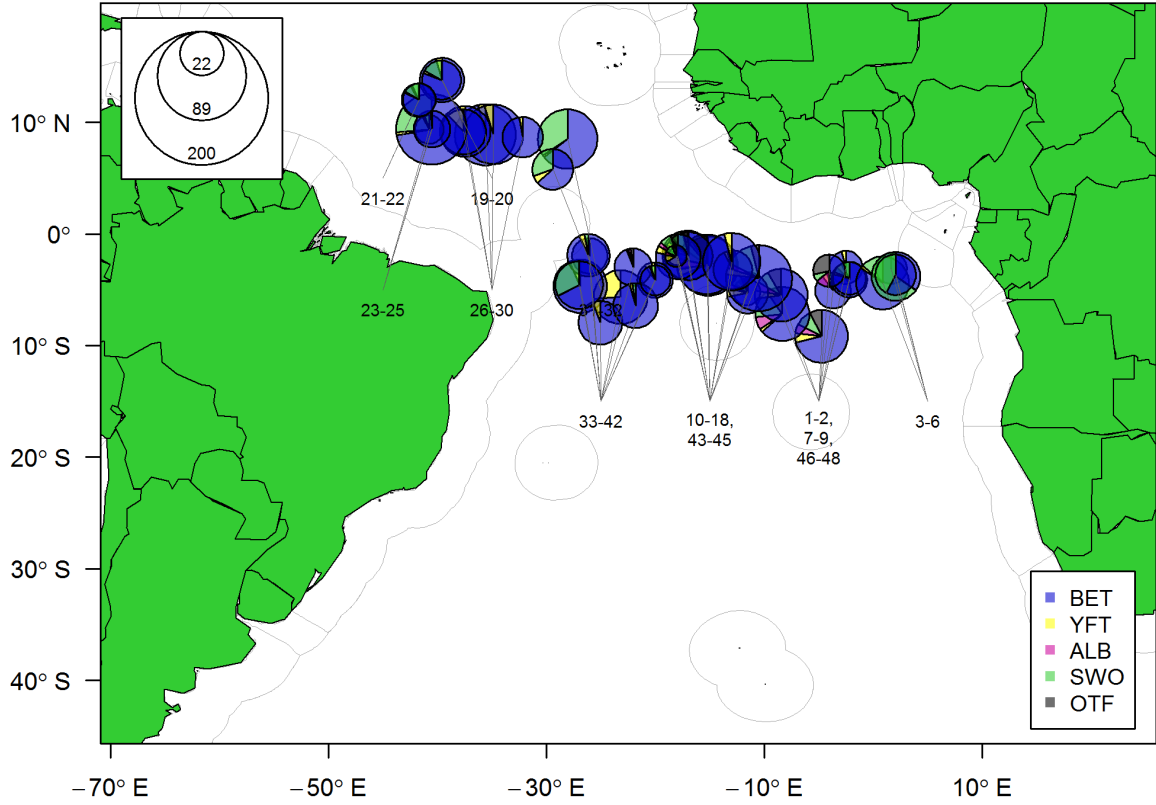


Figure 1. The numbers received by nationality of vessel are given in Table 1.

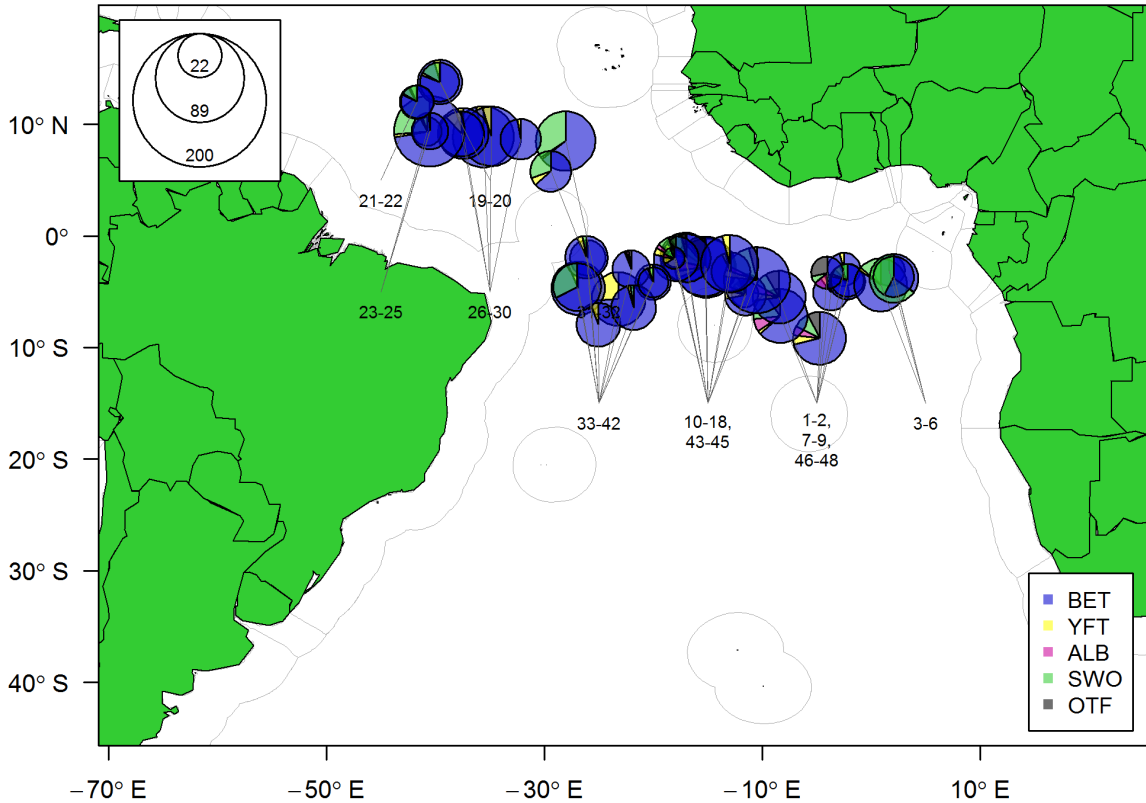


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	24
XXX	15
XXX	6
XXX	3

Comments: in addition to the transhipments listed above, the CV also provided cargo to LSPLVs on 8 occasions (Table 8). The CV transhipped fish from 8 LSPLVs within the post limits of Mindelo, Cape Verde (Table 9). The in-port transhipments were not monitored by coastal officials.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	23/11/17	02°59.739 S	002°31.226 W	03:05	100%
2				Yes	24/11/17	05°04.913 S	003°42.857 W	01:20	100%
3				Yes	26/11/17	03°05.126 S	001°38.821 E	03:30	100%
4				Yes	27/11/17	03°48.157 S	002°03.984 E	02:55	100%
5				Yes	27/11/17	03°39.297 S	002°02.439 E	02:20	100%
6				Yes	28/11/17	04°23.66 S	000°50.81 E	01:40	100%
7				Yes	29/11/17	04°05.673 S	002°12.482 W	01:15	100%
8				Yes	29/11/17	03°58.714 S	002°12.19 W	03:50	100%
9				Yes	30/11/17	03°17.585 S	004°03.304 W	00:30	100%
10				Yes	02/12/17	05°16.357 S	011°33.323 W	01:50	100%
11				Yes	02/12/17	05°11.588 S	011°36.316 W	02:10	100%
12				Yes	04/12/17	02°52.793 S	015°09.021 W	01:25	100%
13				Yes	04/12/17	02°43.957 S	015°17.968 W	00:50	100%
14				Yes	05/12/17	01°59.303 S	016°57.818 W	00:55	100%
15				Yes	05/12/17	01°55.167 S	017°05.505 W	01:05	100%
16				Yes	06/12/17	02°02.594 S	017°55.117 W	01:05	100%
17				Yes	06/12/17	02°00.643 S	018°00.934 W	01:05	100%
18				Yes	06/12/17	01°58.779 S	018°06.054 W	01:00	100%
19				Yes	21/12/17	13°47.566 N	039°35.219 W	00:30	100%
20				Yes	21/12/17	13°47.058 N	039°37.884 W	02:25	100%
21				Yes	22/12/17	12°01.104 N	041°40.094 W	02:45	100%
22				Yes	22/12/17	11°59.196 N	041°45.846 W	03:05	100%
23				Yes	23/12/17	09°23.979 N	040°30.99 W	01:00	100%
24				Yes	23/12/17	09°23.535 N	040°34.155 W	02:05	100%
25				Yes	23/12/17	09°21.45 N	040°45.453 W	02:55	100%
26				Yes	25/12/17	09°10.612 N	037°28.202 W	03:30	100%
27				Yes	25/12/17	09°08.149 N	037°37.546 W	03:05	100%
28				Yes	26/12/17	08°52.782 N	035°37.036 W	03:40	100%
29				Yes	27/12/17	08°55.771 N	034°52.93 W	05:50	100%
30				Yes	28/12/17	08°40.185 N	032°11.284 W	02:05	100%
31				Yes	29/12/17	08°30.358 N	028°04.021 W	00:20	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
32				Yes	30/12/17	05°47.176 N	029°25.657 W	00:40	100%
33				Yes	01/01/18	01°58.114 S	026°01.979 W	01:15	100%
34				Yes	01/01/18	01°54.312 S	026°08.923 W	04:25	100%
35				Yes	02/01/18	04°34.343 S	026°59.689 W	03:25	100%
36				Yes	03/01/18	04°41.228 S	026°55.012 W	03:45	100%
37				Yes	04/01/18	07°57.408 S	025°03.096 W	02:35	100%
38				Yes	05/01/18	05°39.334 S	023°12.637 W	01:00	100%
39				Yes	06/01/18	02°58.84 S	022°02.47 W	01:50	100%
40				Yes	07/01/18	06°25.64 S	021°49.445 W	01:40	100%
41				Yes	08/01/18	04°09.353 S	020°01.473 W	00:55	100%
42				Yes	08/01/18	04°08.019 S	020°02.504 W	00:55	100%
43				Yes	10/01/18	02°29.715 S	013°00.854 W	01:35	100%
44				Yes	10/01/18	03°12.627 S	012°53.908 W	01:50	100%
45				Yes	11/01/18	03°57.876 S	010°30.3 W	00:35	100%
46				Yes	12/01/18	07°10.477 S	008°21.072 W	02:00	100%
47				Yes	12/01/18	05°28.847 S	008°27.717 W	01:45	100%
48				Yes	14/01/18	09°10.583 S	004°45.593 W	01:30	100%

Comments: The full duration of all transhipments were observed.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	46.452	48.097	0.373	0.793	24.669	25.743	0	0	71.494	74.633	3.14	4.21%
2	21.463	22.205	1.917	2.135	10.625	10.68	0	0	34.005	35.02	1.01	2.90%
3	73.464	75.638	2.656	3.088	0	0	0	0	76.12	78.726	2.61	3.31%
4	67.621	71.22	3.241	3.56	0	0	0	0	70.862	74.78	3.92	5.24%
5	48.95	51.341	2.697	2.882	0	0	0	0	51.647	54.223	2.58	4.75%
6	36.114	38	2.391	5	0	0	0	0	38.505	43	4.50	10.45%
7	32.727	33.6	1.08	0.95	0	0	0	0	33.807	34.55	0.74	2.15%
8	72.085	76.358	1.307	1.386	27.74	27.983	0	0	101.132	105.727	4.60	4.35%
9	15.859	15.859	0.376	0.418	0.923	0.923	0	0	17.158	17.2	0.04	0.24%
10	27.96	27.96	0.333	0.38	0	0	0	0	28.293	28.34	0.05	0.17%
11	39.358	39.269	2.031	1.934	0	0	0	0	41.389	41.203	-0.19	-0.45%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
12	23.789	25.868	0.773	0.773	5.255	5.392	0	0	29.817	32.033	2.22	6.92%
13	19.65	21.464	0.386	0.482	1.367	1.408	0	0	21.403	23.354	1.95	8.35%
14	18.472	18.679	0.196	0.343	3.657	3.761	0	0	22.325	22.783	0.46	2.01%
15	21.583	21.981	0.816	1.031	0	0	0	0	22.399	23.012	0.61	2.66%
16	23.199	23.901	0.846	1.247	1.355	1.482	0	0	25.4	26.63	1.23	4.62%
17	22.246	23.249	1.366	1.454	1.971	2.014	0	0	25.583	26.717	1.13	4.24%
18	17.331	17.775	0.553	0.468	4.168	4.272	0	0	22.052	22.515	0.46	2.06%
19	10.293	10.764	0.369	0.324	1.61	1.61	5.725	6.198	17.997	18.896	0.90	4.76%
20	38.11	41.859	3.104	3.349	5.723	5.781	4.194	4.342	51.131	55.331	4.20	7.59%
21	36.542	39.074	1.259	1.175	10.52	10.52	5.451	5.964	53.772	56.733	2.96	5.22%
22	40.191	42.513	2.66	3.084	4.914	4.914	4.681	5.008	52.446	55.519	3.07	5.54%
23	11.676	12.689	0.719	0.799	0.865	0.865	0.476	0.503	13.736	14.856	1.12	7.54%
24	24.87	25.723	2.374	2.55	3.908	3.908	2.231	2.336	33.383	34.517	1.13	3.29%
25	40.154	42.5	2.257	2.178	4.056	4.056	1.683	1.721	48.15	50.455	2.30	4.57%
26	51.642	55.134	3.173	3.408	4.226	4.226	6.804	6.943	65.845	69.711	3.87	5.55%
27	48.977	51.653	2.611	2.683	7.857	8.024	7.509	8.287	66.954	70.647	3.69	5.23%
28	36.108	38.979	2.717	2.501	4.556	4.606	1.746	1.814	45.127	47.9	2.77	5.79%
29	67.878	70.721	1.391	2.945	12.44	12.44	3.362	3.768	85.071	89.874	4.80	5.34%
30	31.631	33.192	1.97	2.175	3.497	3.712	2.332	2.396	39.43	41.475	2.05	4.93%
31	2.894	2.94	1.916	1.916	2.214	1.804	0	0	7.024	6.66	-0.36	-5.47%
32	6.63	6.63	0.95	0.95	1.253	1.253	0.622	0.622	9.455	9.455	0.00	0.00%
33	29.288	29.384	0.943	0.908	0	0	0.747	0.747	30.978	31.039	0.06	0.20%
34	65.251	66.695	3.154	3.004	0	0	0	0	68.405	69.699	1.29	1.86%
35	42.171	45.09	14.563	15.93	0	0	0	0	56.734	61.02	4.29	7.02%
36	54.49	56.25	3.761	3.798	0	0	0	0	58.251	60.048	1.80	2.99%
37	37.823	38.112	2.281	2.321	0	0	0	0	40.104	40.433	0.33	0.81%
38	23.516	23.802	2.561	2.628	0	0	0	0	26.077	26.43	0.35	1.34%
39	28.057	28.009	0.42	0.42	0	0	0.67	0.67	29.147	29.099	-0.05	-0.16%
40	40.028	40.18	0.21	1.018	0.92	0.92	0	0	41.158	42.118	0.96	2.28%
41	17.989	17.989	0.213	0.213	0.923	0.923	0	0	19.125	19.125	0.00	0.00%
42	25.17	25.578	0	0.051	0.923	0.923	0	0	26.093	26.552	0.46	1.73%
43	34.043	35.288	1.406	1.503	1.227	1.227	0	0	36.676	38.018	1.34	3.53%
44	31.836	32.39	0	0.043	15.3	15.54	0	0	47.136	47.973	0.84	1.74%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
45	18.972	20.084	0.05	0.05	0	0	0	0	19.022	20.134	1.11	5.52%
46	49.683	50	1	1	7.924	8	0	0	58.607	59	0.39	0.67%
47	16.931	17.05	0.285	0.285	32.092	32.415	0	0	49.308	49.75	0.44	0.89%
48	20.285	19.948	0	0	15.031	14.802	0	0	35.316	34.75	-0.57	-1.63%

Comments:

Transshipment no. 6: The LSPLV was fist hauling the fish from the hold to the hauling deck of the LSPLV. This allowed the observer to obtain very accurate estimates. The observer concluded the LSPLV did not tranship the amount the vessel declared. The master of the CV concurred with the observer.

6 Species and weight transferred

The vessel contained 281.858 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	29.99	1.53%	1.42	0.07%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	16.04	0.79%
Albacore	<i>Thunnus alalunga</i>	S	0.67	0.03%	14.70	0.72%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	9.04	0.46%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	6.32	0.31%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	2.79	0.14%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.03	0.00%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	NW	0.00	0.00%	0.04	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.52	0.03%	0.30	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	N	0.00	0.00%	0.02	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NW	0.00	0.00%	0.31	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	1611.45	82.01%	1672.68	81.93%
Oilfish	<i>Ruvettus pretiosus</i>	All	6.09	0.31%	3.05	0.15%
Oilfish	<i>Ruvettus pretiosus</i>	N	0.00	0.00%	0.13	0.01%
Oilfish	<i>Ruvettus pretiosus</i>	NW	0.00	0.00%	4.02	0.20%
Opah	<i>Lampris guttatus</i>	All	1.58	0.08%	1.14	0.06%
Opah	<i>Lampris guttatus</i>	N	0.00	0.00%	0.12	0.01%
Opah	<i>Lampris guttatus</i>	NW	0.00	0.00%	0.59	0.03%
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	All	0.34	0.02%	0.07	0.00%
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	NW	0.00	0.00%	0.26	0.01%
Swordfish	<i>Xiphias gladius</i>	All	223.71	11.38%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	34.76	1.70%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	191.37	9.37%
Yellowfin tuna	<i>Thunnus albacares</i>	All	81.66	4.16%	91.53	4.48%

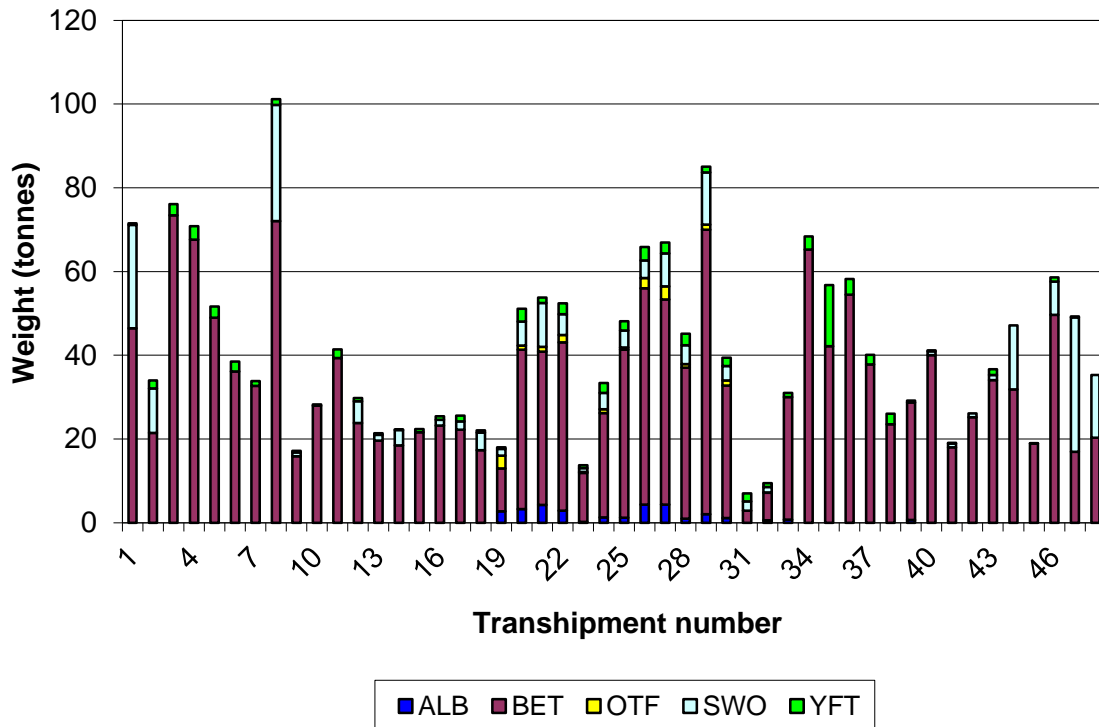


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	23.75
Atlantic blue marlin	<i>Makaira nigricans</i>	76.57
Atlantic sailfish	<i>Istiophorus albicans</i>	25.00
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	13.58
Bigeye tuna	<i>Thunnus obesus</i>	41.28
Oilfish	<i>Ruvettus pretiosus</i>	18.22
Opah	<i>Lampris guttatus</i>	13.24
Pelagic Sharks nei	<i>Pelagic Sharks nei</i>	56.00
Swordfish	<i>Xiphias gladius</i>	55.32
Yellowfin tuna	<i>Thunnus albacares</i>	41.03

Comments:

The main species of tuna that were transferred to the carrier vessel were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*) and albacore (*Thunnus alalunga*). The billfish species (*Istiophoridae spp.*) consisted of swordfish (*Xiphias gladius*) and atlantic blue marlin (*Makaira nigricans*). The main species that were declared by the LSPLVs in the other fish category were the atlantic sailfish (*Istiophorus albicans*), oil fish (OIL) (*Ruvettus pretiosus*), opah (*Lampris guttatus*), atlantic spanish mackerel (*Scomberomorus maculatus*) and pelagic shark nei. The main product types of tuna were processed as gilled and gutted except for albacore (*T. alalunga*) which was processed as round. The billfish species (*Istiophoridae spp.*)

were all dressed including the swordfish (*X. gladius*) when processed. The species in the other fish category were processed in various ways.

Most of the LSPLVs had separated the species to some extent and they (LSPLVs) would tranship mixed tuna first then followed with SWO and other species. The fish strings were assembled first on the LSPLVs deck in most of the conducted transhipments, thus providing the observer a reasonably good opportunity to make accurate estimations. This transfer method gave the observer an ample time to identify the different species of fish and had a better count of species transferred to the CV. All average weights for different species were based on quantities and total weights declared by the LSPLVs.

7 Southern bluefin tuna transhipments

The CV did not receive any southern bluefin tuna (*Thunnus maccoyii*) in any of the transhipments at sea.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	23/11/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	21/11/17
2			Yes	24/11/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	24/11/17
3			Yes	26/11/17	Yes	Yes	Yes	Yes	Yes	28/03/20	Yes	Y	Yes	Yes	Yes	PB	25/11/17
4			Yes	27/11/17	Yes	Yes	Yes	Yes	Yes	14/07/20	Yes	Y	Yes	Yes	Yes	PB	26/11/17
5			Yes	27/11/17	Yes	Yes	Yes	Yes	Yes	03/03/20	Yes	Y	Yes	Yes	Yes	PB	26/11/17
6			Yes	28/11/17	Yes	Yes	Unk	Yes	Yes	07/11/21	Yes	Y	Yes	Yes	Yes	PB	27/11/17
7			Yes	29/11/17	Yes	Yes	Yes	Yes	Yes	08/02/19	Yes	Y	Yes	Yes	Yes	PB	28/11/17
8			Yes	29/11/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	28/11/17
9			Yes	30/11/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Y	Yes	Yes	Yes	PB	29/11/17
10			Yes	02/12/17	Yes	Yes	Yes	Yes	Yes	28/04/19	Yes	Y	Yes	Yes	Yes	PB	01/12/17
11			Yes	02/12/17	Yes	Yes	Yes	Yes	Yes	28/09/20	Yes	Y	Yes	Yes	Yes	PB	01/12/17
12			Yes	04/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/12/17
13			Yes	04/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	03/12/17
14			Yes	05/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	03/12/17
15			Yes	05/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	02/12/17
16			Yes	06/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/12/17
17			Yes	06/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/12/17
18			Yes	06/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	05/12/17
19			Yes	21/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	20/12/17
20			Yes	21/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	20/12/17
21			Yes	22/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/17
22			Yes	22/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/17
23			Yes	23/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/17
24			Yes	23/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/17
25			Yes	23/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	21/12/17
26			Yes	25/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	24/12/17
27			No		Yes	Yes	Yes	Yes	No	31/03/18	Yes	Y	No		Yes	PB	24/12/17
28			Yes	26/12/17	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	18/12/17

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
29			Yes	27/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	23/12/17
30			Yes	28/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	27/12/17
31			Yes	29/12/17	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	25/12/17
32			Yes	30/12/17	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	29/12/17
33			Yes	01/01/18	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes		Yes	PB	31/12/17
34			Yes	01/01/18	Yes	Yes	Unk	Yes	Yes	01/11/18	Yes	Y	Yes	Yes	Yes	PB	31/12/17
35			Yes	02/01/18	Yes	Yes	Unk	Yes	Yes	01/11/18	Yes	Y	Yes	Yes	Yes	PB	31/12/17
36			Yes	03/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	02/01/18
37			Yes	04/01/18	Yes	Yes	Unk	Yes	Yes	04/01/21	Yes	Y	Yes	Yes	Yes	PB	03/01/18
38			Yes	05/01/18	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/01/18
39			Yes	06/01/18	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	04/01/18
40			Yes	07/01/18	Yes	Yes	Yes	Yes	Yes	09/01/21	Yes	Y	Yes	Yes	Yes	PB	06/01/18
41			Yes	08/01/18	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Y	Yes	Yes	Yes	PB	07/01/18
42			Yes	08/01/18	Yes	Yes	Yes	Yes	Yes	07/08/20	Yes	Y	Yes	Yes	Yes	PB	07/01/18
43			Yes	10/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	09/01/18
44			Yes	10/01/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	09/01/18
45			Yes	11/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	09/01/18
46			Yes	12/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	11/01/18
47			Yes	12/01/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	11/01/18
48			Yes	14/01/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	12/01/18

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
Comments.

Table 7 Comments on LSPLV checks

No	Comments
6	<p>The fishing logbook was printed and bound but the pages were not numbered.</p> <p>Figure 3 Fishing logsheet completed by the XXX</p>
12	The NRN was not displayed on the LSTLV.
14	The LSPLV did not display the NRN.
15	The LSPLV did not display the NRN.
16	The LSPLV did not display the NRN.
17	The LSPLV did not display the NRN.
18	The LSPLV did not display the NRN.
19	<p>The LSPLV did not display the NRN. The LSPLV was using the old format logbook format.</p> <p>Figure 4 Fishing logbook used by the LSPLV XXX</p>
20	The LSPLV did not display the NRN.
24	<p>The NRN was not displayed by the LSPLV. The LSPLV was also fitted with Thrane & Thrane Capsat 6194 terminal control unit with TT3027D Antennae. The logbook presented to the observer was not in the prescribed format for China.</p> <p>Figure 5 Fishing logbook used by the LSPLV XXX</p>
25	<p>The NRN was not displayed by the LSPLV. The LSPLV was using the old logbook format.</p> <p>Figure 6 Fishing logbook used by the LSPLV XXX</p>

26	<p>The NRN was not displayed by the LSPLV. The LSPLV was making use of the old logbook format.</p> <p>Figure 7 Fishing logbook used by the LSPLV XXX</p>
27	<p>Due to bad weather with strong wind and high swells the observer could not board the LSPLV. The XXX did not display the vessel's NRN.</p>
28	<p>The XXX did not display the NRN of the ship.</p>
29	<p>The LSPLV XXX did not display the ship's NRN.</p>
30	<p>The LSPLV did not display the ship's NRN.</p>
32	<p>The XXX did not display the ship's NRN</p>
33	<p>The captain of the LSPLV showed the observer an unknown type of VMS. The captain claimed the units was an INMARSAT C unit which was connected to the on-board computer.</p> <p>Figure 8 Unusual VMS type fitted to the XXX</p> <p>The NRN was not displayed by the LSPLV.</p>
34	<p>The LSPLV did not display the NRN "400970" The VMS was a Pole Star Mat with no internal unit but connected to a power supply unit.</p>
35	<p>The NRN "400958" was not displayed by the LSPLV. The VMS was a Pole Star MAT -IDP690 without the interior unit.</p>
37	<p>The NRN "400957" was not displayed by the LSPLV. The VMS unit was a Pole Star Mat (only the exterior unit) connected to the power supply.</p>
38	<p>The LSPLV did not display the vessel's NRN.</p>
39	<p>The observer was not familiar with the FURUNO IC-212 VMS unit shown by the captain of the LSPLV. The unit was not fixed and was merely lying on top of a power supply unit.</p> <p>Figure 9 Unknown VMS type used by the XXX The LSPLV did not display the NRN.</p>

The observer made no Potential Non Compliance (PNC).

9 Other Observer Tasks.

9.1 CV waste disposal

Galley waste and paper products were the only waste that was disposed to the sea. The collected residue from the incinerator was stored to appropriate stencilled drum so was every other waste products.

Figure 10 Waste incinerator (Left) and storage (right)

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels that were sighted or observed by the observer for the duration of the deployment.

9.3 Marine mammals.

There were no sightings of marine mammals for the duration of the deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table8 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/11/17	4 ⁰ 08.987'S	2 ⁰ 13.095'E	Baits, Cargo	Y
		01/12/17	3 ⁰ 59.221'S	8 ⁰ 08.695'W	Baits, f food	Y
		03/12/17	3 ⁰ 26.653'S	11 ⁰ 32.860'W	Baits, Cargo	Y
		03/12/17	3 ⁰ 22.193'S	11 ⁰ 37.544'W	Baits, Cargo	Y
		04/05/17	2 ⁰ 56.179'S	15 ⁰ 05.180'W	Baits, Cargo	Y
		08/12/17	5 ⁰ 59.396'S	30 ⁰ 59.950'W	Baits, Cargo	Y
		29/12/17	8 ⁰ 28.993'N	28 ⁰ 05.763'W	Baits, Cargo	Y
		05/01/18	5 ⁰ 36.079'S	23 ⁰ 16.750'W	F/Food	Y

Table 9 Transhipments in port Mindelo, Cape Verde

No	LSPLV NAME	ICCAT No	Date dd/mm/yy	Location		Obs (Y/N)	Transhipped (MT's)				
				Lat-N	Long-W		BFT	BET	YFT	OTF	Total
1			11/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	48.806	61.030	2.545	21.557	133.958
2			12/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	48	41.7	1.4	8.2	99.3
3			13/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	48.581	47.163	1.288	8.944	105.976
4			14/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	63.009	25.366	1.689	13.039	103.103
5			15/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	36.953	21.416	11.591	0	69.960
6			16/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	36.970	26.196	10.869	0	74.035
7			18/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	48.822	24.414	3.174	6.394	82.804
8			18/12/2017	16 ⁰ 53.33	25 ⁰ 00.39	N	48.761	29.752	5.644	8.440	92.597

ICCAT

Observer Report



Trip Number:	209
Vessel Name:	MEITA MARU
ICCAT Ref. No.	AT000LBR00002
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 14/11/2017 To: 20/12/2017

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Co. Ltd. and CapFish CC, A.T. Dimitrov (ROP no.117) joined the Liberia registered Carrier Vessel (CV) Meita Maru (RFMO No. AT000LBR00002 as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Indian Ocean from 14/11/2017 to 20/12/2017.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	MEITA MARU	Call sign:	D5J08
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A. (TOEI REEFER LINE LTD).	Charterer:	TOEI REEFER LINE Co., Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4495.85m ³
Size (GRT):	3802t.	Length (LOA):	106.98m.
On-board acoustic equipment:	JRC Echo Sounder JFE-570S		
Position fixing equipment:	2xJRC GPS Navigator JLR-7700MK II Samsung ROMU-3000A Tokimec AIS/GPS Position System		
Vessel monitoring system (present/absent):	Present (CLS Thorium TST-100)		
Radar:	Tokyo Keiki Inc. BR-3200-X29M Tokyo Keiki Inc. BR-3200-X26M		
Communications equipment:	VHF: 2xJRC JHS-31 MF/HF CONTROLLER : JRC NCH-700 INMARSAT-C: JRC NDZ-127C DATA TERMINAL NAVTEX: JRC NCR-300A		
Plotters:	JRC Color Plotter JLZ-700 and manual chart		
Tuna products already on board (Quantity)	472.934t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	14/11/2017
Method of embarkation*	Portside
Date of departure	14/11/2017
Date of first transshipment	21/11/2017
Date of last transshipment	16/12/2017
Date of return	20/12/2017
Date of disembarkation	20/12/2017
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 12 transhipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

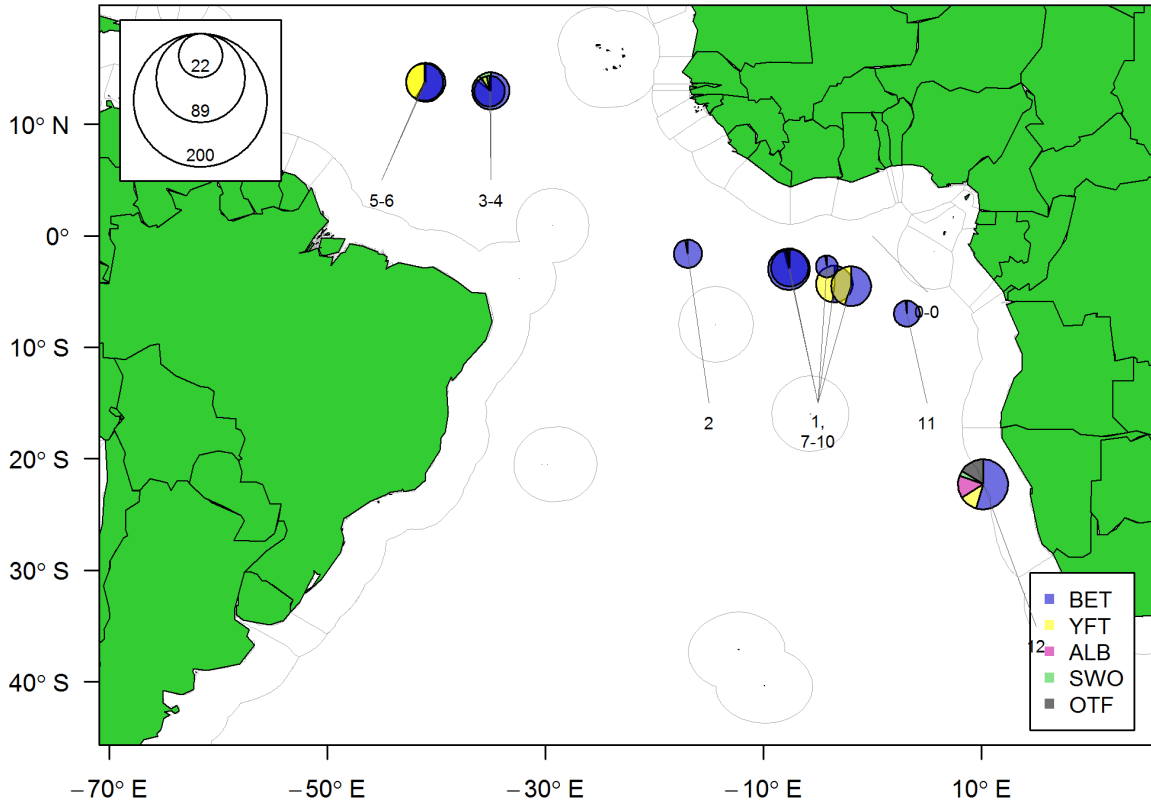


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	7
XXX	4
XXX	1

Comments: In addition to the transhipment of fish, the CV also conducted transhipment of cargo only to three LSPLVs. The details of these cargo transhipments are reflected in Table 10.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	21/11/17	04°19.509 S	003°30.262 W	01:50	100.00%
2				Yes	24/11/17	01°36.823 S	016°56.27 W	01:10	100.00%
3				Yes	29/11/17	13°00.111 N	035°00.62 W	01:55	100.00%
4				Yes	29/11/17	12°58.108 N	035°07.807 W	01:43	100.00%
5				Yes	01/12/17	13°45.789 N	040°58.679 W	01:30	100.00%
6				Yes	01/12/17	13°46.412 N	041°05.063 W	02:20	100.00%
7				Yes	09/12/17	02°59.052 S	007°40.035 W	01:45	100.00%
8				Yes	10/12/17	02°53.022 S	007°36.033 W	01:35	100.00%
9				Yes	11/12/17	02°44.802 S	004°11.729 W	00:35	100.00%
10				Yes	12/12/17	04°31.141 S	001°57.87 W	01:24	100.00%
11				Yes	13/12/17	06°58.8 S	003°08.595 E	00:40	100.00%
12				Yes	16/12/17	22°17.201 S	010°07.922 E	04:05	100.00%

Comments: All transhipments were observed for the full duration and the conditions allowed on-board inspections of all LSPLVs.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	35.1	35.283	1.566	1.567	4.588	4.57	0	0	41.254	41.42	0.17	0.40%
2	26.1	25.477	1.6	1.574	0.88	0.873	0	0	28.58	27.924	-0.66	-2.35%
3	26.52	26.728	18.309	18.2	0	0	0	0	44.829	44.928	0.10	0.22%
4	23.452	23.422	17.759	17.801	0	0	0	0	41.211	41.223	0.01	0.03%
5	20.886	20.798	19.285	19.301	0	0	0	0	40.171	40.099	-0.07	-0.18%
6	25.88	26.105	21.294	21.06	0	0	0	0	47.174	47.165	-0.01	-0.02%
7	48.97	49.269	0.294	0.293	1.798	1.73	0	0	51.062	51.292	0.23	0.45%
8	39.266	39.724	0.48	0.479	0.912	0.91	0	0	40.658	41.113	0.45	1.11%
9	13.746	13.888	0.348	0.35	0	0	0	0	14.094	14.238	0.14	1.01%
10	20.95	22.939	0.66	0.665	0	0	0	0	21.61	23.604	1.99	8.45%
11	19.656	19.73	0.288	0.29	0	0	0	0	19.944	20.02	0.08	0.38%
12	40.85	40.752	8.944	8.421	2.374	2.384	12.163	12.122	64.331	63.679	-0.65	-1.02%

Comments: No difference greater than 10% of the declared fish was observed or recorded during the transshipments.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	11.03	2.42%
Albacore	<i>Thunnus alalunga</i>	S	11.08	2.43%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.09	0.24%	1.09	0.24%
Bigeye tuna	<i>Thunnus obesus</i>	All	341.38	75.04%	344.12	75.35%
Swordfish	<i>Xiphias gladius</i>	S	8.76	1.93%	8.68	1.90%
Swordfish	<i>Xiphias gladius</i>	SW	1.79	0.39%	1.78	0.39%
Yellowfin tuna	<i>Thunnus albacares</i>	All	90.83	19.97%	90.00	19.71%

Comments: CV recorded from declarations a total of 456.705 tonnes.

The main species transhipped during the voyage were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*).

Albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*) and marlins, sailfishes etc. nei (*Istiophoridae*) were transhipped in relatively small amounts.

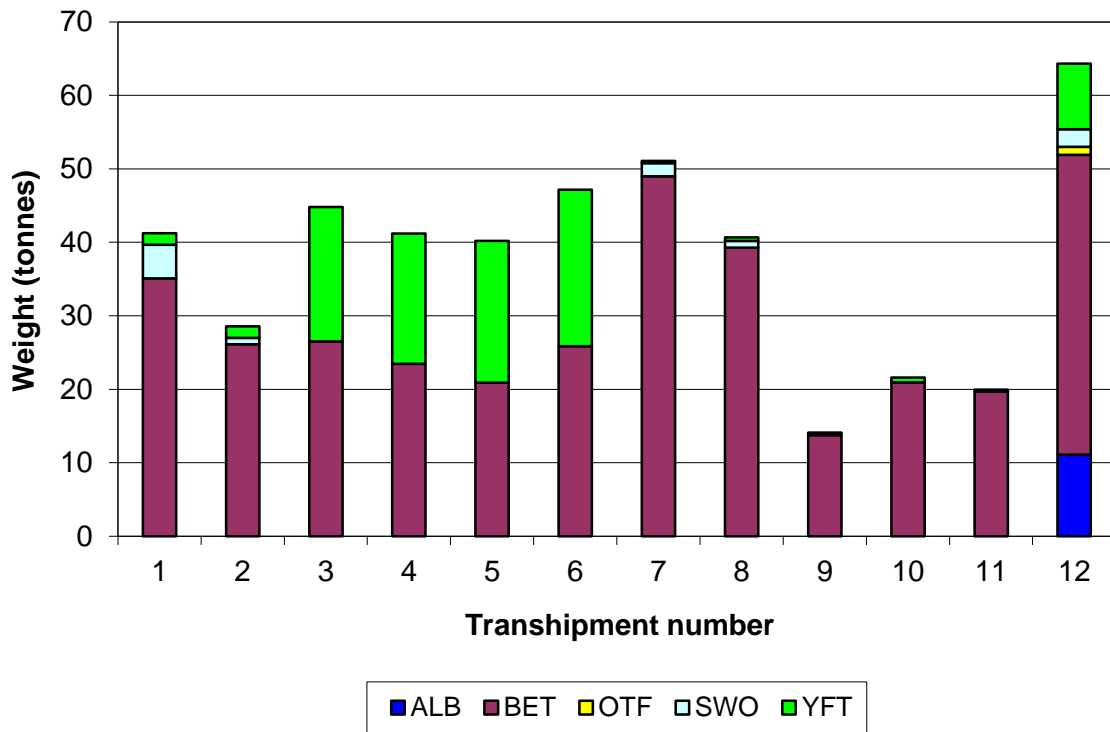


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	11.00
Atlantic blue marlin	<i>Makaira nigricans</i>	181.00
Bigeye tuna	<i>Thunnus obesus</i>	51.54
Swordfish	<i>Xiphias gladius</i>	56.73
Yellowfin tuna	<i>Thunnus albacares</i>	37.25

Comments: Average weight for each species was calculated by dividing the total declared weight with the total number of fish observed or declared for each species transhipped.

7 Southern bluefin tuna transshipments

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	21/11/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	20/11/17
2			Yes	24/11/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	23/11/17
3			Yes	29/11/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	27/11/17
4			Yes	29/11/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	27/11/17
5			Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	30/11/17
6			Yes	01/12/17	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	30/11/17
7			Yes	09/12/17	Yes	Yes	Yes	Yes	Yes	31/12/17	Yes	Yes	Yes	Yes	Yes	PB	09/12/17
8			Yes	10/12/17	Yes	Yes	Yes	Yes	Yes	26/10/19	Yes	Yes	Yes	Yes	Yes	PB	10/12/17
9			Yes	11/12/17	Yes	No	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	11/12/17
10			Yes	12/12/17	Yes	No	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	10/12/17
11			Yes	13/12/17	Yes	No	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	12/12/17
12			Yes	16/12/17	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	16/12/17

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 7 Comments on LSPLV checks

No	Comments
4	The LSTLV did not display the ship name on the stern. Only the home port (XXX) was displayed. Figure 3 Stern markings of the LSPLV XXX
5	The LSTLV did not display the ship name on the stern. Only the home port (XXX) was displayed. Figure 4 Stern markings of the LSPLV XXX

The observer made no Potential Non Compliance (PNC) reports summarised below in Table 8.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 Other Observer Tasks.

9.1 CV waste disposal

Empty cans, glass and plastic bottles were retained on board, cardboard boxes, paper, plastics and other packaging materials were incinerated.
Food waste was discarded at sea.

9.2 Unidentified or IUU vessels

No Unidentified or IUU vessels were observed during the voyage.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
01/12/17	13:48	13°46N	041°05W	Unidentified Dolphins	Total 7 in 3 Groups	Swimming around the CV.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes X	No
----------	----

Table 10 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		26/11/17	9° 35'N	23° 02'W	125 tons of fuel as well as fresh water.	Yes
		27/11/17	9° 56'N	28° 09'W	177 tons of fuel.	Yes
		06/12/17	1° 31'S	19° 55'W	Dry cargo.	Yes

ICCAT

Observer Report



Trip Number:	210 – 17
Vessel Name:	TAISEI MARU No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	BRUCE BIFFARD
Cruise Dates:	01/12/2017 TO 10/02/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha LTD. and MRAG, Bruce Biffard no. 133 joined the Japanese registered Carrier Vessel (CV) Taisei Maru No. 15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 01/12/2017 to 10/02/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Taisei Maru No.15, on 02/12/2017. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 01/12/2017 and the vessel sailed from Cape Town, South Africa on 02/12/2017.

In total the vessel received 1738.403 tonnes of fish from 42 Large Scale Tuna Longline Vessels (LSPLVs). Transshipments occurred between 13/12/17 and 01/02/18 in the Atlantic Ocean. The minimum transferred was 15.027t; the maximum was 89.334t with an average transfer of 41.391ts. Transshipment times ranged from 29 mins to 2 hrs 59 mins. The CV also received 1242.663 tonnes from 10 vessel while anchored at Mindello, Cape Verde.

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha LTD.	Charterer:	Taisei Maru Kaiun Kaisha LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7m3
Size (GRT):	4969 GRT	Length (LOA):	124.25m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	NO		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	01/12/2017
Method of embarkation*	Portside
Date of departure	02/12/2017
Date of first transshipment	13/12/2017
Date of last transshipment	01/02/2018
Date of return	10/02/2018
Date of disembarkation	10/02/2018
Method of disembarkation*	Portside
Port of return	Durban, South Africa

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 42 transshipments at sea, the locations are shown in detail in

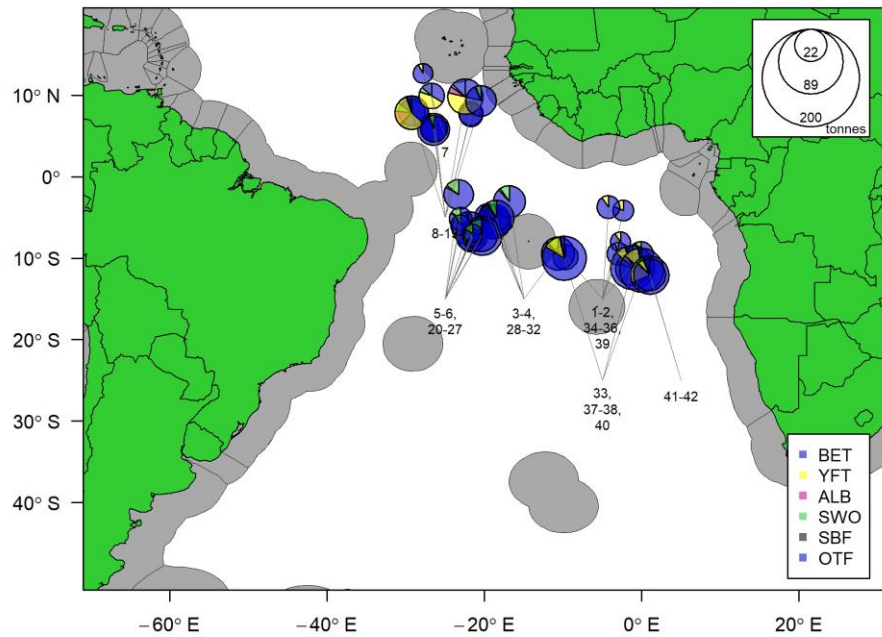


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

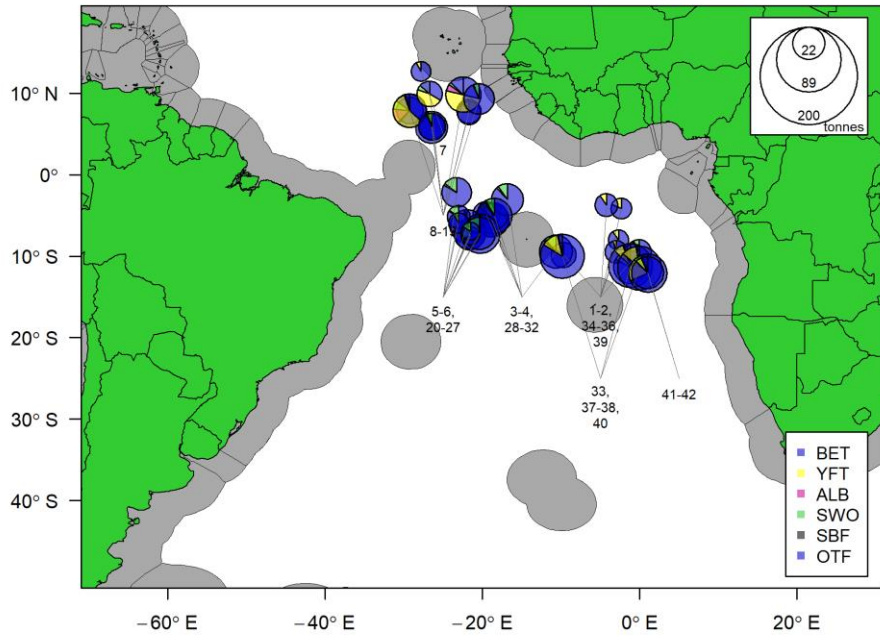


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	30
XXX	12

Comments:

The CV also made 39 non ROP transhipments, summarized in table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Insp.	Date	Lat.	Long.	Trans. time	% Obs.
1				YES	2017-12-13	04°08.801 S	002°20.627 W	1:23	100
2				YES	2017-12-14	03°43.387 S	004°14.726 W	0:53	100
3				YES	2017-12-19	05°35.377 S	018°44.987 W	1:09	100
4				YES	2017-12-19	05°31.725 S	018°49 W	0:58	100
5				YES	2017-12-20	07°14.295 S	020°15.486 W	2:51	100
6				YES	2017-12-20	07°11.534 S	020°21.752 W	1:10	100
7				YES	2017-12-29	12°41.207 N	027°47.668 W	2:17	100
8				YES	2018-11-01	09°55.001 N	026°42.293 W	1:41	100
9				YES	2018-12-01	09°50.06 N	022°24.972 W	1:14	100
10				YES	2018-01-13	09°18.136 N	020°25.114 W	1:44	100
11				YES	2018-01-14	07°46.774 N	021°42.608 W	1:58	100
12				YES	2018-01-14	07°34.257 N	021°41.681 W	1:47	100
13				YES	2018-01-15	05°53.851 N	026°24.461 W	0:40	100
14				YES	2018-01-15	05°53.436 N	026°25.181 W	1:04	100
15				YES	2018-01-15	05°51.299 N	026°26.601 W	0:50	100
16				YES	2018-01-15	05°49.146 N	026°28.079 W	1:38	100
17				YES	2018-01-16	07°53.048 N	029°14.167 W	0:42	100
18				YES	2018-01-16	07°51.641 N	029°13.756 W	0:40	100
19				YES	2018-01-16	07°50.829 N	029°14.831 W	1:03	100
20				YES	2018-01-18	02°10.305 S	023°16.077 W	2:35	100
21				YES	2018-01-19	05°09.692 S	023°00.455 W	1:32	100
22				YES	2018-01-19	05°55.262 S	023°01.177 W	2:07	100

No	Name	RFMO No	Flag	Insp.	Date	Lat.	Long.	Trans. time	% Obs.
23				YES	2018-01-20	07°28.898 S	021°29.474 W	2:59	100
24				YES	2018-01-20	07°20.743 S	021°33.945 W	1:38	100
25				YES	2018-01-20	07°17.905 S	021°36.904 W	1:28	100
26				YES	2018-01-21	06°56.125 S	021°29.862 W	2:36	100
27				YES	2018-01-21	06°20.195 S	021°57.3 W	1:34	100
28				YES	2018-01-22	04°55.944 S	019°29.86 W	2:03	100
29				YES	2018-01-22	05°05.131 S	018°28.102 W	1:15	100
30				YES	2018-01-22	05°04.417 S	018°29.639 W	1:21	100
31				YES	2018-01-23	03°02.894 S	016°48.985 W	2:49	100
32				YES	2018-01-25	09°25.874 S	010°38.96 W	1:41	100
33				YES	2018-01-25	10°00.208 S	009°50.77 W	0:47	100
34				YES	2018-01-25	09°51.111 S	009°40.9 W	0:41	100
35				YES	2018-01-27	08°00.653 S	002°42.025 W	0:29	100
36				YES	2018-01-27	09°27.693 S	002°59.367 W	0:35	100
37				YES	2018-01-28	11°21.011 S	001°15.812 W	2:54	100
38				YES	2018-01-28	11°08.886 S	001°11.05 W	1:46	100
39				YES	2018-01-30	09°28.031 S	000°06.149 W	2:28	100
40				YES	2018-01-31	11°27.457 S	000°02.16 W	2:59	100
41				YES	2018-01-02	12°04.27 S	001°02.085 E	2:17	100
42				YES	2018-01-02	12°01.184 S	000°59.734 E	1:31	100

Comments:

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Wt.	%
1	26,700	26,700	0,400	0,350	0	0	0	0	27,100	27,050	-50	-0.18
2	22,302	22,553	1,968	2,348	0	0	0	0	24,270	24,901	630	2.53
3	29,810	29,910	0,756	0,635	0	0	0	0	30,566	30,545	-20	-0.07
4	30,150	29,975	0,585	0,621	0	0	0	0	30,735	30,596	-140	-0.45
5	46,640	45,508	1,521	1,608	0	0	0	0	48,161	47,116	-1,050	-2.22
6	34,017	32,624	0,540	0,539	0	0	0	0	34,557	33,163	-1,390	-4.20
7	30,884	31,992	0,564	0,419	4,331	4,413	8,197	7,796	43,976	44,620	640	1.44
8	19,710	18,69	29,790	29,734	0,326	0,281	2,290	2,295	52,116	51,000	-1,120	-2.19
9	10,455	10,153	14,196	13,990	1,984	1,970	4,047	4,003	30,682	30,116	-570	-1.88
10	16,652	16,958	28,440	28,681	1,566	1,579	7,408	7,357	54,066	54,575	510	0.93
11	39,875	40,401	0,369	0,331	2,460	2,479	0	0	42,704	43,211	510	1.17
12	30,992	31,277	0,315	0,243	2,200	2,150	0	0	33,507	33,67	160	0.48
13	16,907	16,433	1,401	1,422	0	0	0	0	18,308	17,855	-450	-2.54
14	16,698	16,290	3,901	3,672	0	0	0	0	20,599	19,962	-640	-3.19
15	21,978	21,730	2,310	2,265	0	0	0	0	24,288	23,995	-290	-1.22
16	25,284	24,490	4,455	4,526	0	0	0	0	29,739	29,016	-720	-2.49
17	17,385	17,125	1,953	1,824	0	0	0	0	19,338	18,949	-390	-2.05
18	22,458	22,152	1,092	1,125	0	0	0	0	23,55	23,277	-270	-1.17
19	25,665	25,409	0,594	0,596	1,900	2,063	0	0	28,159	28,068	-90	-0.32
20	41,658	42,000	0,700	0,741	3,922	3,969	0,735	0,799	47,015	47,509	490	1.04
21	30,952	31,000	0	0	0	0	1,100	1,156	32,052	32,156	100	0.32
22	48,654	48,841	1,125	1,170	5,175	5,100	0	0	54,954	55,111	160	0.28
23	43,600	43,950	0,989	0,850	5,724	5,899	0	0	50,313	50,699	390	0.76
24	28,808	28,460	0,602	0,476	3,021	3,215	0	0	32,431	32,151	-280	-0.87
25	41,305	41,394	0,966	0,879	4,368	4,669	0	0	46,639	46,942	300	0.65

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Wt.	%
26	53,550	52,898	0,840	0,750	4,914	4,822	0	0	59,304	58,47	-830	-1.43
27	34,350	33,735	0,925	0,883	5,640	5,983	0	0	40,915	40,601	-310	-0.77
28	51,516	50,631	0,720	0,630	0,966	0,901	0	0	53,202	52,162	-1,040	-1.99
29	41,384	41,000	0,504	0,500	0	0	0	0	41,888	41,500	-390	-0.93
30	44,718	44,552	0,615	0,567	0	0	0	0	45,333	45,119	-210	-0.47
31	70,308	70,000	0,560	0,487	0	0	0	0	70,868	70,487	-380	-0.54
32	39,589	38,085	1,242	1,075	9,512	9,485	0	0	50,343	48,645	-1,700	-3.49
33	20,540	20,092	0,220	0,221	3,886	3,798	0	0	24,646	24,111	-540	-2.22
34	16,575	17,000	0,039	0,039	1,672	1,600	0	0	18,286	18,639	350	1.89
35	10,496	10,376	0	0	4,717	4,651	0	0	15,213	15,027	-190	-1.24
36	12,934	12,700	0,070	0,070	2,562	2,489	0	0	15,566	15,259	-310	-2.01
37	77,380	75,249	11,417	11,285	0,567	0,570	2,737	2,730	92,101	89,834	-2,270	-2.52
38	41,265	40,733	4,200	4,130	0,840	0,846	2,192	2,197	48,497	47,906	-590	-1.23
39	78,375	77,414	6,570	6,497	0,834	0,834	4,250	4,253	90,029	88,998	-1,030	-1.16
40	79,820	77,641	9,870	9,603	0,744	0,746	1,729	1,728	92,163	89,718	-2,450	-2.73
41	47,368	46,174	12,744	12,606	4,900	4,813	3,957	3,862	68,969	67,455	-1,510	-2.24
42	42,225	42,439	2,688	2,582	0,410	0,409	2,788	2,789	48,111	48,219	110	0.22

Comments:

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	11,560	0.66	11,110	0.64
Albacore	<i>Thunnus alalunga</i>	S	2,940	0.17	3,060	0.18
Atlantic blue marlin	<i>Makaira nigricans</i>	N	6,940	0.40	6,940	0.40
Atlantic blue marlin	<i>Makaira nigricans</i>	S	15,280	0.87	15,200	0.87
Atlantic sailfish	<i>Istiophorus albicans</i>	NE	1,340	0.08	1,270	0.07
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	120	0.01	110	0.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	160	0.01	470	0.03
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0	0	190	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	1,481,930	84.43	1,466,730	84.37
Black marlin	<i>Makaira indica</i>	S	80	0	80	0
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Mako sharks	<i>Isurus spp</i>	S	770	0.04	770	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Opah	<i>Lampris guttatus</i>	NE	70	0	200	0.01
Opah	<i>Lampris guttatus</i>	SE	100	0.01	90	0.01
Other fish	NA	NE	1,270	0.07	150	0.01
Other fis	NA	SE	200	0.01	0	0
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0	0	10	0
Striped marlin	<i>Tetrapturus audax</i>	NE	30	0	30	0
Swordfish	<i>Xiphias gladius</i>	N	9,200	0.52	9,320	0.54
Swordfish	<i>Xiphias gladius</i>	S	69,950	3.98	70,410	4.05
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	NE	10	0	10	0
Yellowfin tuna	<i>Thunnus albacares</i>	All	152,760	8.70	150,970	8.68

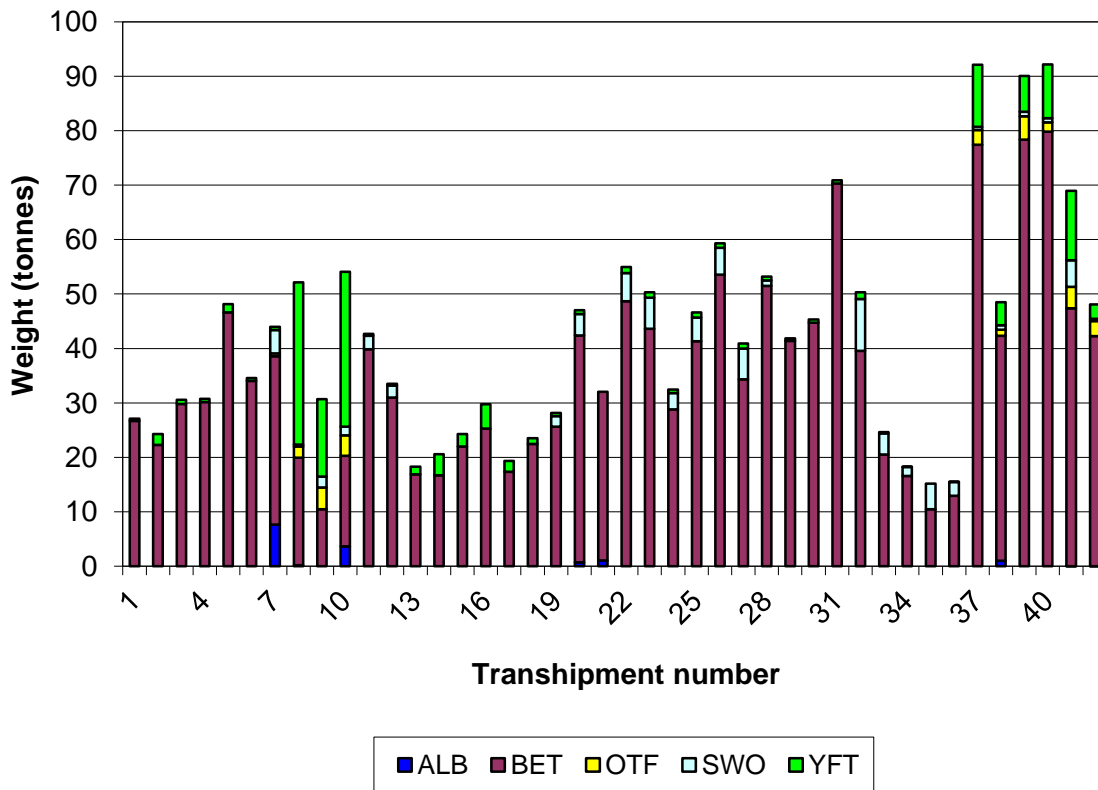


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Average weights-Observed		
Common Name	Scientific name	Avg. Wt.
Albacore	<i>Thunnus alalunga</i>	21.06
Atlantic blue marlin	<i>Makaira nigricans</i>	103.33
Atlantic sailfish	<i>Istiophorus albicans</i>	16.19
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	8.00
Bigeye tuna	<i>Thunnus obesus</i>	53.34
Black marlin	<i>Makaira indica</i>	80.00
Mako sharks	<i>Isurus spp</i>	43.32
Opah	<i>Lampris guttatus</i>	10.56
Other fish Unclassified	N/A	5.88
Striped marlin	<i>Tetrapturus audax</i>	17.00
Swordfish	<i>Xiphias gladius</i>	59.82
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	11.00
Yellowfin tuna	<i>Thunnus albacares</i>	45.02

Comments:

The main species transferred were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). The product type of these species was gilled and gutted while other species were dressed, fillet or round.

The vessel used a hook scale for all transshipments. This helped the observer assess string weights with greater accuracy.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin (*Thunnus maccoyii*) were transhipped.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	13/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/12/2017
2			Y	14/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/14/2017
3			Y	19/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/18/2017
4			Y	19/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/18/2017
5			Y	20/12/17	Y	Y	Y	Y	Y	22/01/18	Y	Y	Y	Y	Y	PB	12/20/2017
6			Y	20/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/20/2017
7			Y	29/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	12/28/2017
8			Y	01/11/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	10/01/2018
9			Y	01/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	11/01/2018
10			Y	13/01/18	Y	Y	Y	Y	Y	31/07/23	Y	Y	Y	Y	Y	EL	12/01/2018
11			Y	14/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
12			Y	14/01/18	Y	Y	Y	Y	Y	15/07/18	Y	Y	Y	Y	Y	PB	01/13/2018
13			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
14			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
15			Y	15/01/18	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	PB	01/14/2018
16			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
17			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
18			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
19			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/16/2018

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
20			Y	18/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/17/2018
21			Y	19/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/18/2018
22			Y	19/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/19/2018
23			Y	20/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
24			Y	20/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
25			Y	20/01/18	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	Y	PB	01/19/2018
26			Y	21/01/18	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
27			Y	21/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/21/2018
28			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/22/2018
29			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/21/2018
30			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/22/2018
31			Y	23/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/23/2018
32			Y	25/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PB	01/25/2018
33			Y	25/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/24/2018
34			Y	25/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/24/2018
35			Y	27/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PB	01/26/2018
36			Y	27/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/26/2018
37			Y	28/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/27/2018
38			Y	28/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/28/2018
39			Y	30/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/30/2018
40			Y	31/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/30/2018
41			Y	02/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/31/2018
42			Y	02/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/31/2018

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 **Comments on LSPLV checks**

No	Comments
5	VESSELS SIDE IRCS WAS OBSCURED BY ALGAE GROWTH. A PNC WAS COMPLETED.

The observer made 1 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
05			21005	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had an incinerator set up on the stern for combustible waste. There were separate containers for the following: cans; bottles/glass; plastic; food waste; operational waste; cooking oil; combustible waste. All non-combustible and recyclable waste was retained for disposal when in port.



Figure 3 CV waste disposal methods.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed.

9.3 Marine mammals.

There were no marine mammals observed.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour

10 Health and Safety on board the CV

There were no health and safety concerns on board the vessel.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		06/12/2017	16° 16.780'S	07° 32.625'E	Vessel loads supplies	YES
		06/12/2017	16° 14.780'S	07° 33.572'E	Vessel loads supplies and fuel	YES
		06/12/2017	16° 12.025'S	07° 31.692'E	Vessel loads supplies	YES
		06/12/2017	16° 12.025'S	07° 31.692'E	Vessel loads supplies and fuel	YES
		07/12/2017	12° 00.783'S	08° 39.856'E	Vessel loads supplies, fuel & bait	YES
		08/12/2017	10° 59.073'S	08° 57.774'E	Vessel loads supplies	YES
		08/12/2017	10° 58.265'S	08° 57.479'E	Vessel loads supplies & fuel	YES
		08/12/2017	10° 57.313'S	08° 56.238'E	Vessel loads supplies & fuel	YES
		09/12/2017	08° 32.288'S	04° 57.120'E	Vessel loads supplies & fuel	YES
		09/12/2017	08° 29.569'S	04° 57.596'E	Vessel loads supplies & bait	YES
		10/12/2017	06° 36.222'S	04° 09.057'E	Vessel loads supplies	YES
		11/12/2017	06° 49.068'S	03° 10.410'E	Vessel loads supplies	YES
		11/12/2017	06° 46.940'S	03° 13.227'E	Vessel loads supplies & bait	YES
		12/12/2017	04° 49.687'S	01° 15.542'W	Vessel loads supplies & bait	YES
		12/12/2017	04° 45.691'S	01° 17.238'W	Vessel loads supplies	YES
		12/12/2017	04° 02.588'S	01° 25.413'W	Vessel loads supplies	YES
		14/12/2017	03° 59.740'S	04° 00.508'W	Vessel loads supplies & bait	YES
		15/12/2017	04° 27.760'S	03° 50.152'W	Vessel loads supplies & bait	YES
		15/12/2017	04° 22.533'S	03° 50.301'W	Vessel loads supplies & bait	YES
		16/12/2017	07° 58.272'S	05° 29.510'W	Vessel loads supplies	YES
		16/12/2017	08° 01.390'S	05° 31.021'W	Vessel loads supplies	YES
		18/12/2017	06° 45.078'S	09° 39.656'W	Vessel loads supplies & bait	YES
		19/12/2017	05° 28.184'S	19° 03.017'W	Vessel loads supplies & bait	YES

Table 12 Non ROP Transhipments Continued

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		20/12/2017	07° 10.098'S	20° 24.782'W	Vessel loads supplies & bait	YES
		20/12/2017	07° 19.558'S	18° 54.588'W	Vessel loads supplies & bait	YES
		21/12/2017	08° 07.702'S	20° 27.518'W	Vessel loads supplies & bait	YES
		21/12/2017	06° 33.125'S	18° 59.669'W	Vessel loads supplies & bait	YES
		22/12/2017	06° 21.258'S	22° 28.807'W	Vessel loads supplies & bait	YES
		22/12/2017	06° 08.644'S	22° 39.603'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 39.951'S	20° 11.416'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 38.211'S	20° 12.181'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 29.751'S	19° 35.605'W	Vessel loads supplies & bait	YES
		25/12/2017	05° 35.856'N	19° 20.895'W	Vessel loads supplies, fuel & bait	YES
		27/12/2017	07° 44.168'N	26° 32.895'W	Vessel loads supplies & fuel	YES
		28/12/2017	08° 39.483'N	25° 50.520'W	Vessel loads supplies & bait	YES
		29/12/2017	12° 30.890'N	27° 17.332'W	Vessel loads supplies & fuel	YES
		29/01/2018	08° 49.693'S	00° 06.301'E	Vessel takes on fuel	YES
		29/01/2018	08° 41.113'S	00° 06.285'E	Vessel loads supplies & fuel	YES
		01/02/2018	12° 06.953'S	01° 03.902'E	Vessel loads supplies & fuel	YES

Comments:

*LSPLV was not in the database provided. MRAG office emailed updated information.

**XXX was not in the database provided. MRAG office emailed updated information.

ICCAT

Observer Report



Trip Number:	<i>211/18</i>
Vessel Name:	<i>M/V CHIKUMA</i>
ICCAT Ref. No.	<i>AT000LBR00003</i>
Observer Name:	<i>SILVESTRE RAMOS NATARIO</i>
Cruise Dates:	<i>From: 01/02/2018 To: 05/05/2018</i>

1 Cruise Summary

In accordance with the bilateral agreement between OCEANWIDE SHIPPING S.A. and MRAG UK, *Silvestre Ramos Natario* - ROP no. 145 joined the Liberia registered Carrier Vessel (CV) (*M/V CHIKUMA* - AT000LBR00003) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 01/02/2018 to 05/05/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	M/V CHIKUMA	Call sign:	D5JI4
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	OceanWide Shipping S.A.	Charterer:	MRS
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	284,094 cft
Size (GRT):	6.558 T	Length (LOA):	134.5
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	PANAMA BAY
Date of embarkation	01/02/2018
Method of embarkation*	Transfer vessel in port
Date of departure	01/02/2018
Date of first transshipment	14/02/2018
Date of last transshipment	08/04/2018
Date of return	08/04/2018
Date of disembarkation	05/05/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 44 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV has also conducted 7 transhipments in Mindelo Port (Cabo Verde) in two different dates, as from 17/02/2018 to 18/02/2018 and the second date was from 15/03/2018 to 17/03/2018.

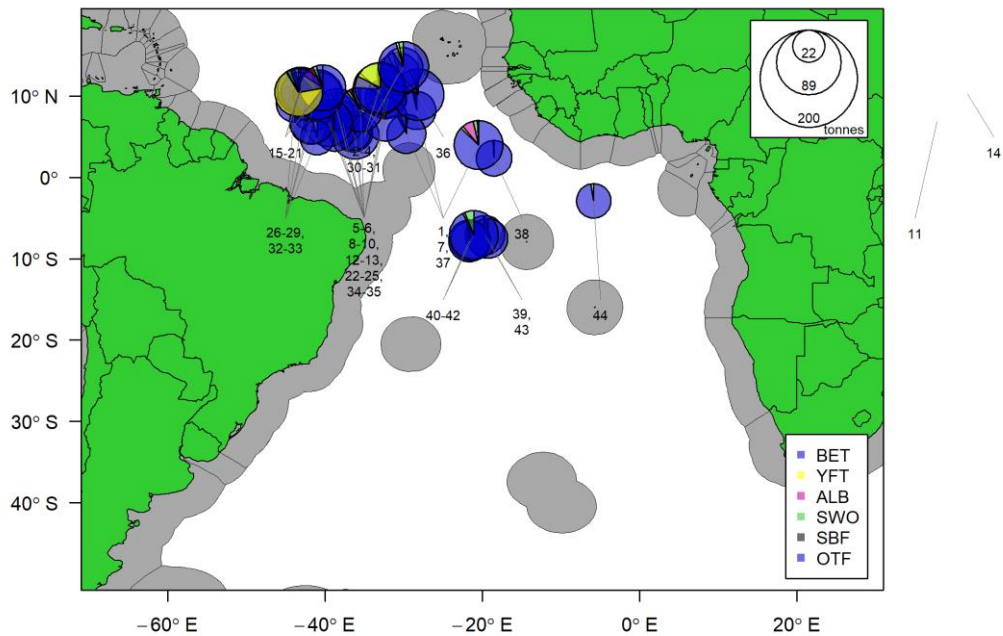


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	17
XXX	9
XXX	1
XXX	17

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	14/02/2018	08°13 N	028°19 W	02:21	100
2				Yes	15/02/2018	12°43 N	030°42 W	02:46	100
3				Yes	20/02/2018	13°35 N	030°02 W	03:04	100
4				Yes	20/02/2018	13°31 N	030°06 W	06:19	100
5				Yes	21/02/2018	09°40 N	032°20 W	03:25	100
6				Yes	22/02/2018	09°41 N	031°59 W	02:58	100
7				Yes	23/02/2018	05°21 N	029°40 W	02:58	100
8				Yes	24/02/2018	05°30 N	036°23 W	04:19	100
9				Yes	25/02/2018	05°30 N	036°23 W	02:22	100
10				Yes	25/02/2018	05°10 N	036°10 W	03:01	100
11				Yes	26/02/2018	06°49 N	037°45 E	02:11	100
12				Yes	26/02/2018	06°46 N	037°45 W	01:29	100
13				Yes	27/02/2018	05°37 S	038°42 W	03:30	100
14				Yes	28/02/2018	10°12 N	041°41 E	03:20	100
15				Yes	01/03/2018	10°42 N	043°06 W	04:55	100
16				Yes	01/03/2018	10°38 N	043°13 W	04:35	100
17				Yes	02/03/2018	10°32 N	043°08 W	04:45	100
18				Yes	02/03/2018	10°26 N	043°22 W	06:20	100
19				Yes	03/03/2018	10°10 N	040°53 W	03:13	100
20				Yes	04/03/2018	10°03 N	040°53 W	02:36	100
21				Yes	04/03/2018	11°00 N	040°17 W	02:05	100
22				Yes	05/03/2018	08°24 N	038°27 W	04:03	100
23				Yes	05/03/2018	08°18 N	038°33 W	02:15	100
24				Yes	06/03/2018	06°49 N	039°25 W	05:42	100
25				Yes	06/03/2018	06°42 N	039°34 W	04:25	100

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transshipment time	% Observed
26				Yes	07/03/2018	04°51 N	041°01 W	04:10	100
27				Yes	08/03/2018	06°50 N	041°38 W	03:40	100
28				Yes	08/03/2018	06°45 N	041°44 W	05:05	100
29				Yes	09/03/2018	07°59 N	041°39 W	04:35	100
30				Yes	12/03/2018	11°01 N	032°59 W	05:20	100
31				Yes	12/03/2018	10°50 N	033°10 W	05:00	100
32				Yes	21/03/2018	09°05 N	043°50 W	04:45	100
33				Yes	22/03/2018	09°11 N	042°29 W	05:15	100
34				Yes	24/03/2018	08°20 N	035°31 W	03:30	100
35				Yes	26/03/2018	07°10 N	032°19 W	03:50	100
36				Yes	27/03/2018	10°10 N	028°11 W	03:50	100
37				Yes	29/03/2018	03°59 N	020°29 W	04:15	100
38				Yes	30/03/2018	02°21 N	018°31 W	01:35	100
39				Yes	01/04/2018	07°06 S	019°41 W	02:30	100
40				Yes	02/04/2018	07°48 S	021°35 W	02:30	100
41				Yes	02/04/2018	07°48 S	021°39 W	04:00	100
42				Yes	04/04/2018	07°05 S	021°05 W	02:05	100
43				Yes	05/04/2018	07°30 S	019°18 W	02:40	100
44				Yes	08/04/2018	02°53 S	005°51 W	05:50	100

Comments:

All transshipments were checked.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	51,978	50,000	425	479	0	0	0	0	52,403	50,479	-1,924	-3.81
2	53,346	54,865	453	506	718	778	935	363	55,452	56,989	1,537	2.70
3	50,767	56,158	363	363	1,397	1,949	2,884	774	55,411	60,701	5,290	8.71
4	80,706	82,694	1,850	1,850	2,562	2,562	6,868	792	91,986	95,068	3,082	3.24
5	50,268	50,681	3,401	4,090	0	0	0	0	53,669	54,771	1,102	2.01
6	51,100	52,161	3,215	3,452	2,056	1,285	2,126	778	58,497	59,093	596	1.01
7	81,268	81,716	1,605	1,976	5,437	5,800	0	0	88,310	89,492	1,182	1.32
8	59,474	61,040	2,918	3,009	674	3,380	7,365	1,442	70,431	72,125	1,694	2.35
9	45,173	46,101	3,140	3,215	0	0	0	0	48,313	49,316	1,003	2.03
10	54,375	54,446	3,706	3,806	2,598	2,598	4,447	684	65,126	64,086	-1,040	-1.62
11	41,697	39,635	3,583	4,138	0	0	2,013	0	47,293	45,911	-1,382	-3.01
12	22,404	22,404	2,855	2,855	0	0	800	0	26,059	26,059	0	0.00
13	49,234	49,705	2,235	3,812	1,478	1,424	6,133	1,615	59,080	61,271	2,191	3.58
14	58,100	58,383	2,015	2,229	2,354	2,354	3,880	1,490	66,349	67,836	1,487	2.19
15	65,181	65,181	3,031	3,031	3,909	3,972	5,003	1,181	77,124	77,056	-68	-0.09
16	76,000	70,644	2,972	1,656	3,277	3,843	2,661	1,524	84,910	78,811	-6,099	-7.74
17	49,417	49,767	19,776	19,919	18,456	18,644	0	0	87,649	88,330	681	0.77
18	60,046	60,382	6,408	6,594	3,190	3,003	5,704	0	75,348	75,683	335	0.44
19	49,180	51,855	2,694	2,933	0	0	0	0	51,874	54,788	2,914	5.32
20	51,507	51,712	4,607	4,713	0	0	0	0	56,114	56,425	311	0.55
21	43,987	43,987	1,724	1,758	0	0	0	0	45,711	45,745	34	0.07
22	71,532	71,969	4,191	4,191	0	0	0	0	75,723	76,160	437	0.57
23	44,022	44,787	1,863	1,796	0	0	0	0	45,885	46,583	698	1.50
24	55,920	56,109	2,703	2,669	1,314	1,434	7,783	1,245	67,720	68,020	300	0.44
25	86,618	88,099	5,118	5,118	2,054	2,054	10,127	3,061	103,917	105,396	1,479	1.40
26	54,234	57,659	3,978	3,978	3,085	3,020	7,531	2,934	68,828	72,140	3,312	4.59
27	57,889	57,164	5,856	5,856	0	0	0	0	63,745	63,020	-725	-1.15
28	75,996	79,545	10,613	11,005	14,375	14,450	0	0	100,984	105,000	4,016	3.82
29	83,114	83,692	14,435	17,709	0	0	0	0	97,549	101,401	3,852	3.80

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
30	97,148	96,148	1,969	1,969	2,972	3,019	0	0	102,089	101,136	-953	-0.94
31	74,915	81,987	1,012	1,012	2,484	2,484	0	0	78,411	85,483	7,072	8.27
32	76,041	81,759	3,531	3,970	0	0	0	0	79,572	85,729	6,157	7.18
33	80,196	82,721	4,534	4,410	2,993	2,993	0	0	87,723	90,124	2,401	2.66
34	55,713	57,180	2,345	2,345	0	0	0	0	58,058	59,525	1,467	2.46
35	86,360	85,679	7,412	7,284	4,312	4,312	0	0	98,084	97,275	-809	-0.83
36	46,509	49,505	21,53	20,796	2,785	2,229	10,670	3,881	81,494	83,589	2,095	2.51
37	20,929	20,092	41,881	62,159	4,660	2,517	50,485	4,820	725,185	90,154	17,636	19.56
38	23,156	23,604	20,990	21,129	3,291	1,803	2,314	1,906	49,751	48,850	-901	-1.84
39	41,943	45,775	1,421	1,377	0	0	0	0	43,364	47,152	3,788	8.03
41	57,268	61,518	671	826	0	0	0	0	57,939	62,344	4,405	7.07
42	50,508	59,396	637	637	0	0	0	0	51,145	60,033	8,888	14.81
43	68,931	67,600	1,250	1,200	0	0	0	0	70,181	68,800	-1,381	-2.01
44	87,164	87,939	1,438	1,343	5,807	5,807	0	0	94,409	95,089	680	0.72

Comments:

From all of the 44 transhipments only two vessels showed a calculated difference bigger than 10%. The transhipments in cause are the number 37 and 42. The explanation for the first, it's mainly due to SWO FL, I counted each peace of SWO individually. The captain declared each 2 pieces as one unit. Transhipment 42 the reason for this difference is due to the vaired size of the fish, in addition the last 5 transhipments were made using a cargo net, so difficult to accurately count. Note both transhipments declared more fish.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in 4, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	Thunnus alalunga	NORTH	61,150	2.02	64,230	2.07
Atlantic blue marlin	Makaira nigricans	All	21,920	0.72	17,460	0.56
Atlantic sailfish	Istiophorus albicans	All	610	0.02	380	0.01
Bigeye tuna	Thunnus obesus	All	2,601,640	85.92	2,654,130	85.49
Dolphinfish	Coryphaena hippurus	All	130	0	0	0.00
Mako sharks	Isurus spp	All	500	0.02	500	0.02
Narrow-barred Spanish mackerel	Scomberomorus commerson	All	3,070	0.10	2,010	0.06
Oilfish	Ruvettus pretiosus	All	5,290	0.17	6,020	0.19
Opah	Lampris guttatus	All	370	0.01	210	0.01
Other fish Unclassified	N/A	All	1,250	0.04	1,910	0.06
Swordfish	Xiphias gladius	NORTH	98,238	3.24	78,710	2.54
Swordfish	Xiphias gladius	SOUTH	0	0	18,990	0.61
Yellowfin tuna	Thunnus albacares	All	233,650	7.72	259,950	8.37

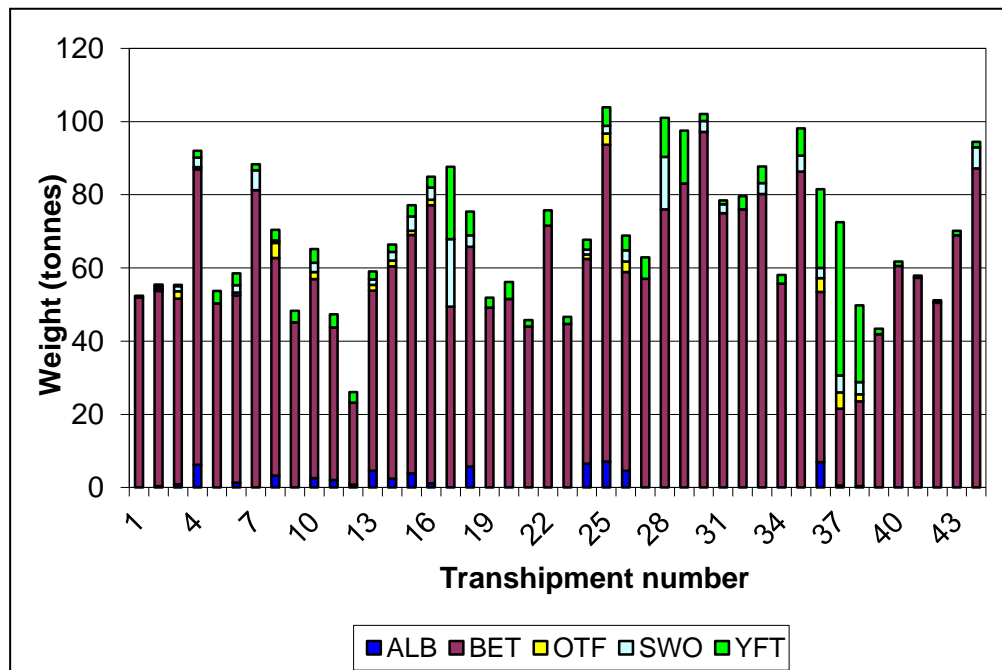


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21.97
Atlantic blue marlin	<i>Makaira nigricans</i>	73.06
Atlantic sailfish	<i>Istiophorus albicans</i>	22.52
Bigeye tuna	<i>Thunnus obesus</i>	35.83
Dolphinfish	<i>Coryphaena hippurus</i>	20.00
Mako sharks	<i>Isurus spp</i>	100.80
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	14.55
Oilfish	<i>Ruvettus pretiosus</i>	17.06
Opah	<i>Lampris guttatus</i>	15.54
Other fish Unclassified	N/A	25.00
Swordfish	<i>Xiphias gladius</i>	51.70
Yellowfin tuna	<i>Thunnus albacares</i>	39.22

Comments:

The main species of tuna were transferred to the carrier vessel were bigeye tuna, yellowfin tuna and albacore. The billfish species consisted of swordfish, striped marlin and Atlantic blue marlin. The main species that were declared by the LSPLV's as other fish (OTF) category were the oilfish (OIL), mako shark (MAK) with the fins strapped to the body, dolphinfish (DOL), Spanish mackerel (COM) and Opah (OPA). The species identified in table 5 as other fish unclassified it was the specie *Mola mola*. This one was transferred in bags of 25 kg (aprox.)

The main product types of tuna were processed as gilled and gutted except for albacore which was processed as round. The billfish species were either dressed or gilled and gutted. The swordfish were also either dressed or filleted. The species categorized as other fish were processed in different ways.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	14/02/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	13/02/2018
2			Y	15/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	14/02/2018
3			Y	20/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	19/02/2018
4			Y	20/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	10/02/2018
5			Y	21/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	17/02/2018
6			Y	22/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	21/02/2018
7			Y	23/02/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	22/02/2018
8			Y	24/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	23/02/2018
9			Y	25/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
10			Y	25/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	24/02/2018
11			Y	26/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
12			Y	26/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
13			Y	27/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	26/02/2018
14			Y	28/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	25/02/2018
15			Y	01/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	26/02/2018
16			Y	01/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	25/02/2018
17			Y	02/03/2018	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	28/02/2018
18			Y	02/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	28/02/2018

No	Name	Flag	Boarded	Date	Markings correct		Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
19			Y	03/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/03/2018
20			Y	03/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/03/2018
21			Y	04/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
22			Y	05/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
23			Y	05/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
24			Y	06/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	05/03/2018
25			Y	06/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	05/03/2018
26			Y	07/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	06/03/2018
27			Y	08/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	06/03/2018
28			Y	08/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	07/03/2018
29			Y	09/03/2018	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	08/03/2018
30			Y	12/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	10/03/2018
31			Y	12/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	11/03/2018
32			Y	21/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	20/03/2018
33			Y	22/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	21/03/2018
34			Y	24/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	24/03/2018
35			Y	26/03/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	25/03/2018
36			Y	27/03/2018	Y	Y	Y	Y	Y	31/08/2022	Y	Y	Y	Y	Y	EL	26/03/2018
37			Y	29/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	28/03/2018
38			Y	30/03/2018	Y	Y	Y	Y	Y	31/07/2018	Y	Y	Y	Y	Y	EL	29/03/2018
39			Y	01/04/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	01/04/2018
41			Y	02/04/2018	Y	Y	Y	Y	Y	07/07/2018	Y	Y	Y	Y	Y	PB	02/04/2018
42			Y	04/04/2018	Y	Y	Y	Y	Y	07/07/2018	Y	Y	Y	Y	Y	PB	04/04/2018
43			Y	05/04/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	05/04/2018

No	Name	Flag	Boarded	Date	Markings correct		Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
44			Y	08/04/2018	Y	Y	Y	Y	Y	14/07/2020	Y	Y	Y	Y	Y	PB	06/04/2018

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

Table 9 **Comments on LSPLV checks**

No	Comments
1	The ICCAT transhipment declaration was changed later to rectify the weight declared initially by the captain of the LSPLV xxx
3	At the end of the transhipment 29 bags with approximate weight of 15 kg was transhipped. The bags contained TUNA bellies.
27	A PNC was reported for the xxx, the name on stern was recorded as Shang Hai. The stern marking is the vessels port of registration, so wasn't considered a PNC event by the consortium.
29	A PNC was reported for the xxx, the name on stern was recorded as Shang Hai. The stern marking is the vessels port of registration, so wasn't considered a PNC event by the consortium.
35	The ITT wasn't presented to the observer at the time of inspection, it was presented to the observer later during the transhipment.
43	Some missing ink on the bow (starboard), the other markings are all good and could be clearly read.

The observer made (2) Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			Identification	IIM		
2			Identification	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 3 Waste drums

The food waste and sewage were the only waste that was disposed at sea. All other waste sorted into different drums to be incinerated or disposed on shore.

9.2 Unidentified or IUU vessels

There were no unidentified or IUU vessels observed.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
12/03/2018	14:17	10°53'309 N	33°07'042 W	DDE	10	Surfing
16/04/2018	11:40	34°56'800S	23°00'600E	PAM	1	Rest
16/04/2018	11:40	34°56'800S	23°00'600E	Otariidae	20	Rest
17/04/2018	15:20	32°49'900S	16°02'000E	SFR	100	Feeding

10 Health and Safety on board the CV

All measures of health and safety were respected, no health and safety concerns.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
	X

Appendices

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		14/02/2018	8*12'665 N	28*20'835 W	Bait and Cargo	yes
		23/02/2018	5*22'448 N	29*40'321W	Cargo, Fuel and Other	yes
		10/03/2018	8*21'558 N	39*12'884 W	Fuel	yes
		25/03/2018	10*09'056 N	32*32'110 W	Bait,Cargo and fuel	yes
		25/03/2018	10*01'894 N	32*37"753 W	Bait and Cargo	yes
		3/04/2018	07*14.300S	019*12.5W	Bait and Cargo	
		3/04/2018	07*14.300S	019*12.5W	Bait, Bait and Cargo Cargo	

ICCAT

Observer Report



Trip Number:	212/18
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 14/01/2018 to: 25/03/2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Fisheries Monitoring CC, Peter Johann Beets (ROP no. 152) joined the Liberia registered Carrier Vessel (CV) Genta Maru (RFMO No AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 14/01/2018 to 13/03/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag state:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2400 t
Size (GRT):	3989 t	Length (LOA):	99.06 m
On-board acoustic equipment:	JRC JFE-680 Echo sounder Tokyo Keiki TD-310 Doppler log		
Position fixing equipment:	Tokyo Keiki AIS		
Vessel monitoring system (present/absent):	Present		
Radar:	Tokyo Keiki BR-3200-S312M Tokyo Keiki BR-3200-X26M		
Communications equipment:	JRC JSB-196GM Radiotelephone JRC NCM-1770 VHF Radiotelephone (x2) JRC FB250 Inmarsat JRC NCT-196N NBDP Modem JRC NDZ-127J Data terminal JRC Two-way VHF Radiotelephones (x3) JRC JSB-196GM Radiotelephone JRC NCR-333 Navtex receiver Taiyo SSB TH-4035 Long range radio		
Plotters:	JRC GPS Navigator (x2)		
Tuna products already on board (Quantity)	106,242 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	14/01/2018
Method of embarkation*	Portside
Date of departure	15/01/2018
Date of first transshipment	20/01/2018
Date of last transshipment	05/03/2018
Date when CV departed from ICCAT area.	13/03/2018 23:27
Date of return	25/03/2018
Date of disembarkation	25/03/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Port Louis, Mauritius

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV continued directly from the Atlantic Ocean to the Indian Ocean area without a port call and crossed the 20° E longitude on 13/03/2018. The observer disembarked in Port Louis, Mauritius, on 25/03/2018.

The vessel made a total of 30 transshipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

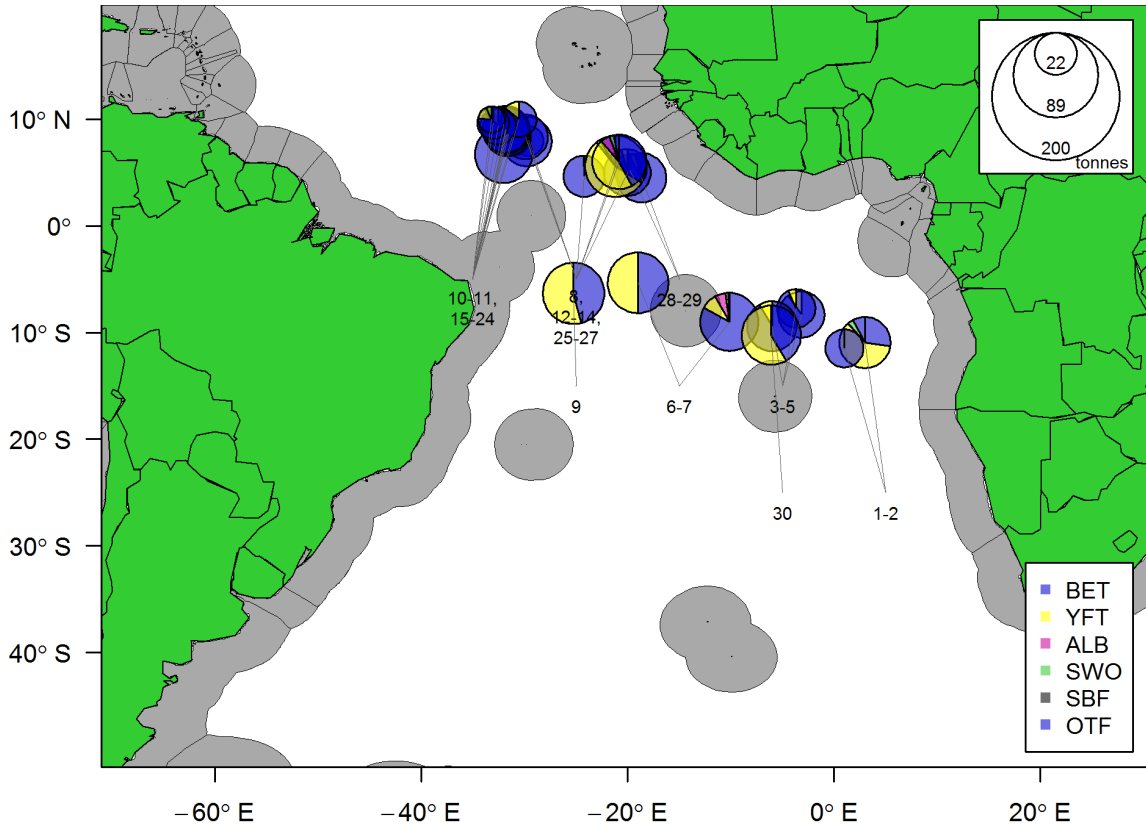


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	1
XXX	5
XXX	13
XXX	7
XXX	3
XXX	1

Comments:

In addition to the transshipments listed above, the CV transferred cargo to 9 LSTLVs and conducted in-port transshipments to 2 LSPLVs. The detail is shown in Table 9 in the Appendix.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Tranship time	% Observed
1				20/01/18	10°55.803S	002°59.345E	01:10	100%
2				23/01/18	11°28.681S	001°00.042E	03:10	100%
3				26/01/18	08°18.698S	003°09.565W	02:32	100%
4				27/01/18	07°44.115S	003°40.116W	01:06	100%
5				28/01/18	09°24.116S	006°00.25W	03:40	100%
6				29/01/18	08°59.394S	010°09.027W	03:12	100%
7				31/01/18	05°20.323S	018°59.959W	02:28	100%
8				03/02/18	04°38.999N	024°13.173W	05:23	100%
9				04/02/18	06°19.319S	025°14.526W	04:31	100%
10				06/02/18	06°41.519N	032°01.974W	01:29	100%
11				07/02/18	08°18.924N	031°10.904W	01:28	100%
12				08/02/18	08°19.897N	029°53.265W	04:16	100%
13				09/02/18	07°57.327N	029°36.908W	01:15	100%
14				09/02/18	07°54.346N	029°45.069W	01:35	100%
15				10/02/18	08°33.117N	031°30.786W	02:41	100%
16				10/02/18	08°34.161N	031°47.151W	02:35	100%
17				11/02/18	08°36.242N	031°39.107W	02:19	100%
18				12/02/18	09°00.873N	031°46.606W	01:29	100%
19				12/02/18	08°59.226N	031°48.821W	02:14	100%
20				13/02/18	09°30.114N	032°01.596W	01:51	100%
21				14/02/18	09°19.584N	032°33.474W	00:50	100%
22				15/02/18	09°38.732N	033°01.661W	02:50	100%
23				16/02/18	09°58.081N	033°11.278W	01:59	100%
24				18/02/18	09°58.819N	030°32.57W	02:55	100%
25				24/02/18	05°34.613N	021°09.581W	04:51	100%
26				25/02/18	06°00.284N	020°48.551W	04:40	100%
27				26/02/18	04°59.054N	020°01.839W	04:47	100%
28				28/02/18	05°11.302N	019°44.859W	04:00	100%
29				01/03/18	04°30.36N	018°39.202W	03:32	100%
30				05/03/18	10°14.35S	006°05.237W	02:06	100%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	25.612	0	0.225	0.316	0.316	25.125	0.84	25.441	26.993	1.55	5.75%
2	0	56.567	0	2.479	1.008	1.071	53.886	1.538	54.894	61.75	6.86	11.10%
3	0	42.938	0	0.052	0	0	44.448	0	44.448	42.99	-1.46	-3.39%
4	0	22.528	0	0.296	0	0	23.161	0	23.161	22.824	-0.34	-1.48%
5	0	61.89	0	0.06	0	0	61.588	0	61.588	61.95	0.36	0.58%
6	0	53	0	2.23	0	0	56.476	0	56.476	55.23	-1.25	-2.26%
7	0	49.953	0	0.649	0	0	51.016	0	51.016	50.602	-0.41	-0.82%
8	0	32.487	0	53.19	1.306	1.698	81.35	8.54	82.656	96.094	13.44	13.98%
9	0	31.721	0	34.556	1.721	2.033	66.002	2.479	67.723	74.695	6.97	9.33%
10	0	32.054	0	2.53	0	0	32.827	0	32.827	34.584	1.76	5.08%
11	0	22.794	0	4.728	0	0	27.568	0	27.568	27.522	-0.05	-0.17%
12	0	77.802	0	5.225	0	0	82.235	0	82.235	83.027	0.79	0.95%
13	0	24.3	0	4.2	0	0	29.356	0	29.356	28.5	-0.86	-3.00%
14	0	27.466	0	6.358	0	0	33.726	0	33.726	33.824	0.10	0.29%
15	0	46.492	0	3.472	0	0	49.799	0	49.799	49.964	0.16	0.33%
16	0	52.5	0	4.3	0	0	55.345	0	55.345	56.8	1.46	2.56%
17	0	47.754	0	5.218	0	0	57.471	0	57.471	52.972	-4.50	-8.49%
18	0	27.654	0	4.496	0	0	31.481	0	31.481	32.15	0.67	2.08%
19	0	28.93	0	3.955	0	0	32.801	0	32.801	32.885	0.08	0.26%
20	0	23.497	0	2.332	0	0	25.867	0	25.867	25.829	-0.04	-0.15%
21	0	13.536	0	2.982	1.337	1.258	16.406	0	17.743	17.776	0.03	0.19%
22	0	48.5	0	5.397	0	0	54.037	0	54.037	53.897	-0.14	-0.26%
23	0	34.824	0	2.532	0	0	38.386	0	38.386	37.356	-1.03	-2.76%
24	0	58.071	0	5.412	0	0	63.231	0	63.231	63.483	0.25	0.40%
25	0	71.4	0	7.553	1.322	1.385	83.954	0.468	85.276	85.9	0.62	0.73%
26	0	46.809	0	46.507	0	0	84.97	0	84.97	93.316	8.35	8.94%
27	0	43.92	0	51.641	0	0	88.729	0	88.729	95.561	6.83	7.15%
28	0	37.067	0	51.864	0	0	84.226	0	84.226	88.931	4.71	5.29%
29	0	18.063	0	40.456	2.916	2.38	63.001	5.205	65.917	66.213	0.30	0.45%
30	35.738	36.838	0	0	0	0	0	0	35.738	36.838	1.10	2.99%

Comments:

Transshipment 2; The strings toward the end of transshipment number two were significantly larger and more mixed than at the start of the transshipment. It was significantly harder to estimate these strings and this may have accounted for the difference between reported volumes and observer estimates exceeding the 10% threshold.

Transshipment 8; The strings were very mixed and bundled throughout transshipment number eight. This may have contributed to the observer's estimate exceeding a 10% difference from the reported tonnage.

6 Species and weight transferred

The CV contained 106.242 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	9.38	0.59%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	8.58	0.56%	8.82	0.55%
Bigeye tuna	<i>Thunnus obesus</i>	All	35.74	2.31%	1196.97	75.26%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.13	0.01%	0.25	0.02%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	6.63	0.43%	7.29	0.46%
Opah	<i>Lampris guttatus</i>	All	0.40	0.03%	0.65	0.04%
Other fish	N/A	All	0.90	0.06%	0.90	0.06%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.00	0.00%	0.06	0.00%
Swordfish	<i>Xiphias gladius</i>	All	8.59	0.56%	8.88	0.56%
Swordfish	<i>Xiphias gladius</i>	S	1.34	0.09%	1.26	0.08%
True tunas nei	<i>Thunnus spp</i>	All	1481.28	95.93%	0.00	0.00%
Wahoo	<i>Acanthocybium solandri</i>	All	0.55	0.04%	1.10	0.07%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	354.90	22.31%

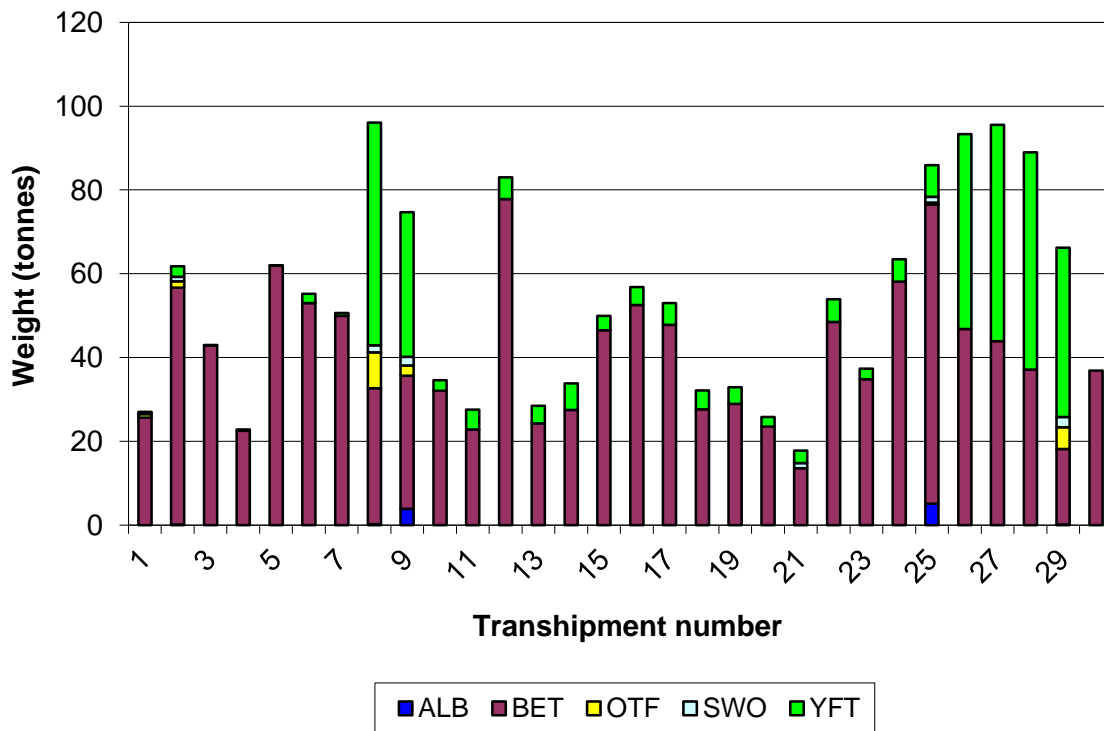


Figure 2 Proportions by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Atlantic blue marlin	<i>Makaira nigricans</i>	91.22
Dolphinfish	<i>Coryphaena hippurus</i>	5.65
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	17.08
Opah	<i>Lampris guttatus</i>	11.17
Other fish Unclassified	N/A	23.66
Swordfish	<i>Xiphias gladius</i>	51.70
True tunas nei	<i>Thunnus spp</i>	46.48
Wahoo	<i>Acanthocybium solandri</i>	8.01

Comments:

The most dominant species transhipped was bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*), comprising more than 97% of fish transhipped. Due to the mixed and often bundled nature of strings throughout the voyage, true tuna species were treated as one group and recorded as mixed tuna for the observer's estimations.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels:

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	20/01/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/01/18
2			Yes	23/01/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	21/01/18
3			Yes	26/01/18	Yes	Yes	Yes	Yes	Yes	10/11/20	Yes	Y	Yes	Yes	Yes	PB	25/01/18
4			Yes	27/01/18	Yes	Yes	NA	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	26/01/18
5			Yes	28/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	27/01/18
6			Yes	29/01/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	28/01/18
7			Yes	31/01/18	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Y	Yes	Yes	Yes	PB	30/01/18
8			Yes	03/02/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	02/02/18
9			Yes	04/02/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	03/02/18
10			Yes	06/02/18	Yes	Yes	NA	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	05/02/18
11			Yes	07/02/18	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Y	Yes	Yes	Yes	PB	06/02/18
12			Yes	08/02/18	Yes	Yes	Yes	Yes	Yes	18/08/18	Yes	Y	Yes	Yes	Yes	PB	07/02/18
13			Yes	09/02/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	08/02/18
14			Yes	09/02/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	08/02/18
15			Yes	10/02/18	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	09/02/18
16			Yes	10/02/18	Yes	Yes	NA	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	09/02/18
17			Yes	11/02/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10/02/18
18			Yes	12/02/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	11/02/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
19			Yes	12/02/18	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Y	Yes	Yes	Yes	PB	11/02/18
20			Yes	13/02/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	12/02/18
21			Yes	14/02/18	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Y	Yes	Yes	Yes	PB	13/02/18
22			Yes	15/02/18	Yes	Yes	Yes	Yes	Yes	31/03/18	Yes	Y	Yes	Yes	Yes	PB	14/02/18
23			Yes	16/02/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	15/02/18
24			Yes	18/02/18	Yes	Yes	NA	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	17/02/18
25			Yes	24/02/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PU	20/02/18
26			Yes	25/02/18	Yes	Yes	Yes	Yes	Yes	06/09/22	Yes	Y	Yes	Yes	Yes	PB	24/02/18
27			Yes	26/02/18	Yes	Yes	Yes	Yes	Yes	31/07/20	Yes	Y	Yes	Yes	Yes	PB	25/02/18
28			Yes	28/02/18	Yes	Yes	Yes	Yes	Yes	08/06/18	Yes	Y	Yes	Yes	Yes	PB	27/02/18
29			Yes	01/03/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	28/02/18
30			Yes	05/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	04/03/18

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Comments.

The ATF for **XXX** (transhipment 22) did not specify in which area the vessel was authorised to fish. The ATF was merely accompanied by a letter from the XXX government which stated that the vessel was given an extension to continue fishing until the end of March 2018. This extension was granted in order for the vessel to finalise application for a new ATF.

Table 7 **Comments on LSPLV checks**

No	Comments
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22	<p>The ATF presented to the observer did not specify an expiry date. However, the ATF was accompanied by a letter from the XXX government which stated that the vessel was granted an extension to fish until 31/03/2018 while applying for a new ATF. This date was chosen as the expiration date for the purpose of this inspection.</p> <p>The ATF did not clearly state whether the ATF authorised the vessel to fish on the high seas. The area of operation was indicated as "25/30/50". The observer was not familiar with this method of identifying a geographical area.</p> <p>Figure 3 ATF (Left) and associated letter (Right) presented by the LSPLV XXX</p>
25	<p>The printed but unbound logbook was only completed up to 20/02/2018. The captain explained that the LSPLV experienced problems with the freezers due to a burst freon pipe and had not been fishing since the last entry was made.</p> <p>Figure 4 Logbook completed by the XXX</p>

The observer completed two (2) Potential Non Compliance (PNC) reports as summarised below in Table.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			01	LND	-	-
2			02	LND	-	-

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel has a well-developed waste management system in place. Waste is categorized as either plastic, paper, cans or kitchen waste and clearly labelled designated waste containers are provided where necessary. Biodegradable kitchen waste was dumped overboard on the high seas as the designated containers in the galley were filled.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment.

9.3 Marine mammals.

No marine mammals were observed during this deployment.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 9 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		21/01/18	09°56.971'S	01°00.477'E	General cargo, bait	Yes
		21/01/18	09°55.695'S	01°00.617'E	Bait, general cargo, fishing gear	Yes
		22/01/18	08°27.902'S	00°31.881'E	General cargo	Yes
		22/01/18	08°27.440'S	00°32.331'E	Fuel and general cargo	Yes
		24/01/18	10°28.61'S	01°29.790'E	Fuel and general cargo	Yes
		02/02/18	04°17.329'N	21°46.020'W	General cargo and bait	Yes
		17/02/18	10°00.586'N	32°02.464'W	General cargo	Yes
		21/02/18	16°53.362'N	25°00.469'W	In-port transhipment of tuna and tuna-like species to CV.	Yes
		21/02/18	16°53.353'N	25°00.466'W	In-port transhipment of tuna and tuna-like species to CV.	Yes
		24/02/18	06°32.627'N	20°12.848'W	General cargo	Yes
		27/02/18	04°59.159'N	20°02.490'W	Fuel	Yes

ICCAT

Observer Report



Trip Number:	213-18
Vessel Name:	LADY TUNA
ICCAT Ref. No.	AT000PAN00199
Observer Name:	Jonathan Newton
Cruise Dates:	22/02/2018 to 26/05/2018

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries Monitoring Company, Jonathan Newton (ICCAT No.13) joined the Panama registered Carrier Vessel (CV) LADY TUNA (AT000PAN00199) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean in Cape Town from 22/02/2018 to 26/05/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	LADY TUNA	Call sign:	3EQX2
Port of registration:	Panama	Flag State:	Panama
Owner:	Wang Tat Corporation	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5216 M ³
Size (GRT):	4538t	Length (LOA):	120.75m
On-board acoustic equipment:	Furuno FE-700		
Position fixing equipment:	GPS Navigator GP150.		
Vessel monitoring system (present/absent):	Present		
Radar:	RCN-004 x2		
Communications equipment:	FURUNO VHF RC8800 x2, Radio telephone FURUNO FS1570T SSB. IMMARSAT, FURUNO RC 18001 radio console.		
Plotters:	None		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	22/02/2018
Method of embarkation*	Portside
Date of departure	22/02/2018
Date of first transshipment	02/03/2018
Date of last transshipment	22/04/2018
Date of return	26/05/2018
Date of disembarkation	26/05/2018
Method of disembarkation*	Transfer vessel in port.
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel completed a total of 47 transhipments receiving 2471.182 tons of tuna and related species. The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV arrived at the port of Mindelo, Sao Vicente on 15/04/2018 at 11:00 for bunkers and supplies and departed on the 15/04/2018 at 19:00.

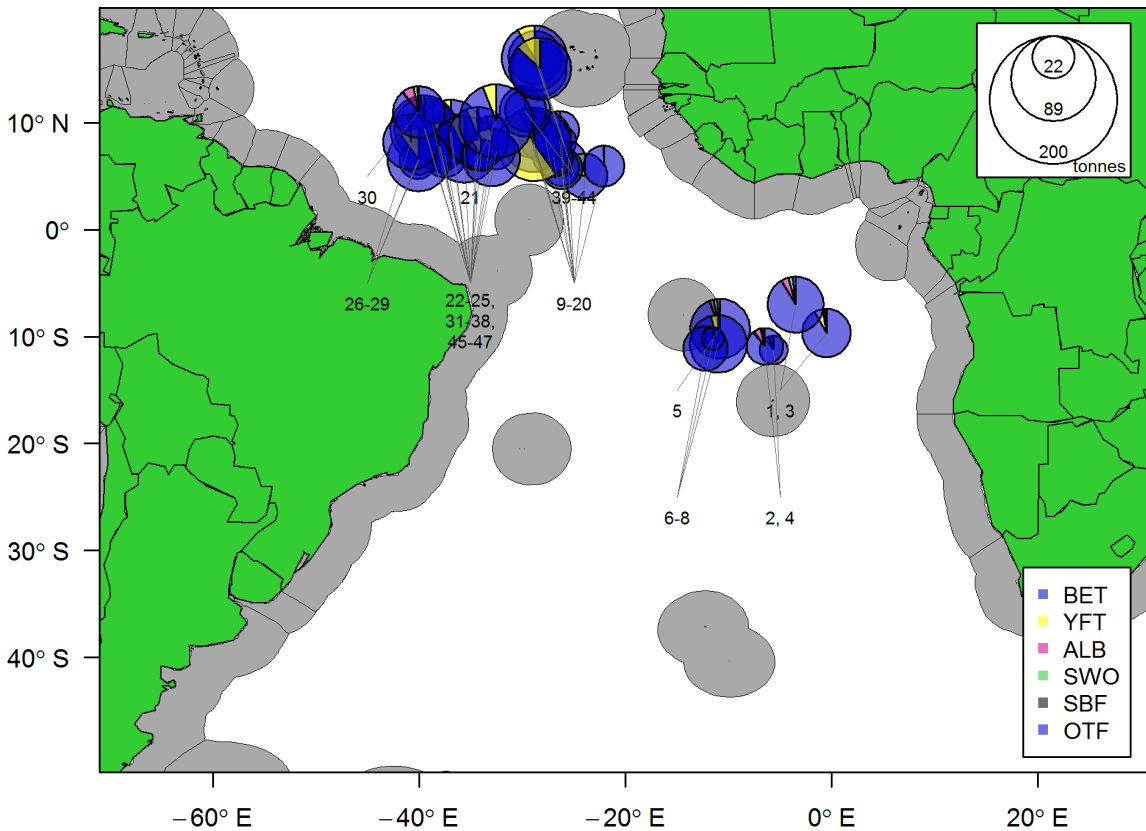


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	11
XXX	24
XXX	1
XXX	8
XXX	2
XXX	1

Comments: In addition to the transhipments listed above, the CV also provided 10 LSPLVs with supplies only without transhipping fish. The details of these cargo transhipments are provided in Table 10 in the appendices.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Observed
1				Yes	02/03/18	09°39.319S	000°31.032W	01:17	100.00%
2				Yes	03/03/18	11°14.193S	005°38.805W	01:15	100.00%
3				Yes	04/03/18	07°00.175S	003°30.73W	00:55	100.00%
4				Yes	05/03/18	10°54.693S	006°29.582W	01:20	100.00%
5				Yes	06/03/18	09°15.54S	010°50.075W	01:15	100.00%
6				Yes	07/03/18	10°40.033S	010°59.602W	02:05	100.00%
7				Yes	08/03/18	11°06.554S	012°14.928W	01:35	100.00%
8				Yes	09/03/18	10°10.368S	011°31.047W	01:40	100.00%
9				Yes	14/03/18	09°19.155N	026°19.741W	02:45	100.00%
10				Yes	14/03/18	08°14.229N	026°22.247W	02:10	100.00%
11				Yes	15/03/18	06°39.53N	025°35.361W	03:20	100.00%
12				Yes	16/03/18	05°01.095N	023°54.958W	05:30	100.00%
13				Yes	17/03/18	05°56.808N	022°05.595W	04:15	100.00%
14				Yes	19/03/18	05°44.22N	026°10.979W	01:45	100.00%
15				Yes	19/03/18	05°46.161N	026°12.96W	01:35	100.00%
16				Yes	20/03/18	06°48.373N	027°00.268W	01:55	100.00%
17				Yes	21/03/18	09°00.879N	029°09.596W	02:05	100.00%
18				Yes	22/03/18	08°42.235N	027°49.032W	03:10	100.00%
19				Yes	23/03/18	07°58.971N	029°00.208W	03:00	100.00%
20				Yes	24/03/18	07°59.132N	028°50.708W	04:40	100.00%
21				Yes	25/03/18	10°08.15N	032°33.24W	02:15	100.00%
22				Yes	28/03/18	09°09.537N	036°55.632W	03:00	100.00%
23				Yes	28/03/18	09°03.712N	037°03.101W	05:55	100.00%
24				Yes	30/03/18	07°24.599N	032°30.315W	05:15	100.00%
25				Yes	01/04/18	06°57.956N	037°31.016W	04:35	100.00%
26				Yes	02/04/18	06°34.416N	040°00.487W	00:35	100.00%
27				Yes	02/04/18	06°31.478N	040°03.435W	00:50	100.00%
28				Yes	02/04/18	06°28.78N	040°07.066W	02:35	100.00%
29				Yes	03/04/18	08°11.596N	040°49.051W	01:35	100.00%
30				Yes	04/04/18	10°59.907N	040°01.702W	05:50	100.00%
31				Yes	05/04/18	09°48.186N	038°42.397W	04:05	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Observed
32				Yes	06/04/18	09°28.605N	039°29.332W	03:00	100.00%
33				Yes	06/04/18	09°23.688N	039°32.894W	02:00	100.00%
34				Yes	07/04/18	07°50.089N	038°00.18W	02:55	100.00%
35				Yes	07/04/18	07°44.553N	038°04.11W	03:20	100.00%
36				Yes	08/04/18	07°30.296N	035°37.036W	05:40	100.00%
37				Yes	09/04/18	08°35.231N	034°15.834W	06:00	100.00%
38				Yes	10/04/18	09°00.142N	033°00.203W	05:30	100.00%
39				Yes	11/04/18	11°08.016N	029°40.768W	04:00	100.00%
40				Yes	11/04/18	11°05.091N	029°44.916W	03:45	100.00%
41				Yes	13/04/18	16°04.774N	028°45.752W	04:00	100.00%
42				Yes	13/04/18	16°01.72N	028°50.07W	04:00	100.00%
43				Yes	14/04/18	15°03.065N	028°16.977W	01:00	100.00%
44				Yes	14/04/18	14°59.265N	028°24.24W	01:25	100.00%
45				Yes	20/04/18	06°59.26N	034°00.237W	02:35	100.00%
46				Yes	21/04/18	06°44.905N	032°59.73W	03:45	100.00%
47				Yes	22/04/18	06°59.846N	034°30.342W	01:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	29.601	30	0.046	0.046	0	0	0	0	29.647	30.046	0.40	1.33%
2	22.801	23	0	0	0	0	0	0	22.801	23	0.20	0.87%
3	17.408	18.07	0.42	0.42	6.208	6.47	0	0	24.036	24.96	0.92	3.70%
4	32.832	33.082	0	0	9.82	9.085	0	0	42.652	42.167	-0.48	-1.15%
5	36.113	35	0.1	0.1	0	0	0	0	36.213	35.1	-1.11	-3.17%
6	35.789	36.015	0.308	0.246	0	0	0	0	36.097	36.261	0.16	0.45%
7	26.391	26.818	0.232	0.206	0	0	0	0	26.623	27.024	0.40	1.48%
8	32.835	33.1	0.625	0.5	0	0	0	0	33.46	33.6	0.14	0.42%
9	45.843	45.89	2.531	2.78	0	0	0	0	48.374	48.67	0.30	0.61%
10	54.151	54.412	1.192	1.296	0	0	0	0	55.343	55.708	0.36	0.66%
11	62.715	62.2	2.75	2.95	0	0	0	0	65.465	65.15	-0.31	-0.48%
12	44.363	45.837	57.961	60.188	1.559	2.268	5.039	6.015	108.922	114.308	5.39	4.71%
13	38.472	38.614	49.676	48.115	0	0	0	0	88.148	86.729	-1.42	-1.64%
14	30.986	30.217	0.803	0.956	0	0	0	0	31.789	31.173	-0.62	-1.98%
15	28.68	29.091	0.449	0.571	0	0	0	0	29.129	29.662	0.53	1.80%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
16	37.447	36.406	1.378	1.968	2.908	2.69	0	0	41.733	41.064	-0.67	-1.63%
17	51.994	37	0.505	18	0	0	0	0	52.499	55	2.50	4.55%
18	44.428	45	0	0	0	0	0	0	44.428	45	0.57	1.27%
19	75.863	75.128	1.747	1.89	0	0	0	0	77.61	77.018	-0.59	-0.77%
20	93.69	94.62	1.275	1.353	0	0	0	0	94.965	95.973	1.01	1.05%
21	23.393	24.34	0.705	0.542	0.992	0.992	0	0	25.09	25.874	0.78	3.03%
22	48.773	50	1.705	1.8	0	0	0	0	50.478	51.8	1.32	2.55%
23	82.544	86	9.04	7	0	0	0	0	91.584	93	1.42	1.52%
24	73.241	74.775	3.786	4.317	0.83	0.83	0	0	77.857	79.922	2.07	2.58%
25	62.348	64	5.558	5.5	0	0	0	0	67.906	69.5	1.59	2.29%
26	17.401	17.318	1.803	2.219	0	0	0	0	19.204	19.537	0.33	1.70%
27	19.504	19.103	2.139	1.983	0	0	0	0	21.643	21.086	-0.56	-2.64%
28	27.877	26.8	2.375	2.375	0	0	0	0	30.252	29.175	-1.08	-3.69%
29	20.969	20	0	0	0	0	0	0	20.969	20	-0.97	-4.85%
30	76.706	74.165	7.502	8.258	0	0	0	0	84.208	82.423	-1.79	-2.17%
31	62.362	64.455	0	0	0	0	0	0	62.362	64.455	2.09	3.25%
32	53.116	54.262	0	0	0	0	0	0	53.116	54.262	1.15	2.11%
33	37.501	36.221	0	0	0	0	0	0	37.501	36.221	-1.28	-3.53%
34	65.454	65.3	0	0	0	0	0	0	65.454	65.3	-0.15	-0.24%
35	58.821	59.96	0	0	0	0	0	0	58.821	59.96	1.14	1.90%
36	85.977	82.741	6.037	7.817	0	0	0	0	92.014	90.558	-1.46	-1.61%
37	75.1	70.655	6.988	10.741	0	0	0	0	82.088	81.396	-0.69	-0.85%
38	111.146	108.2	5.078	6.681	0	0	0	0	116.224	114.881	-1.34	-1.17%
39	50.985	49.952	0.31	0.258	2.6046	1.379	4.117	4.599	58.0166	56.188	-1.83	-3.25%
40	45.438	45.558	2.605	2.562	0.16	0.16	1.355	1.245	49.558	49.525	-0.03	-0.07%
41	59.222	60.41	0.092	0.115	1.2727	1.562	4.597	4.043	65.1837	66.13	0.95	1.43%
42	70.046	70.459	0.292	0.313	1.01664	1.398	2.603	2.857	73.95764	75.027	1.07	1.43%
43	14.974	15.177	0.497	0.528	0.563	0.643	0.458	0.563	16.492	16.911	0.42	2.48%
44	25.277	25.189	0.394	0.427	0.443	0.443	2.062	2.294	28.176	28.353	0.18	0.62%
45	66.432	66.816	2.99	2.944	0	0	0	0	69.422	69.76	0.34	0.48%
46	41.209	41.5	0	0.065	0	0	0	0	41.209	41.565	0.36	0.86%
47	10.789	10.76	0	0	0	0	0	0	10.789	10.76	-0.03	-0.27%

6 Species and weight transferred

The CV contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	12.61	0.51%	13.96	0.56%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	4.89	0.20%	6.27	0.25%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.63	0.03%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	2229.01	90.63%	2213.62	89.58%
Other fish		All	2.06	0.08%	1.38	0.06%
Striped marlin	<i>Tetrapturus audax</i>	All	0.05	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	4.49	0.18%	2.27	0.09%
Swordfish	<i>Xiphias gladius</i>	N	7.86	0.32%	8.53	0.35%
Swordfish	<i>Xiphias gladius</i>	S	16.03	0.65%	17.12	0.69%
Yellowfin tuna	<i>Thunnus albacares</i>	All	181.89	7.40%	208.03	8.42%

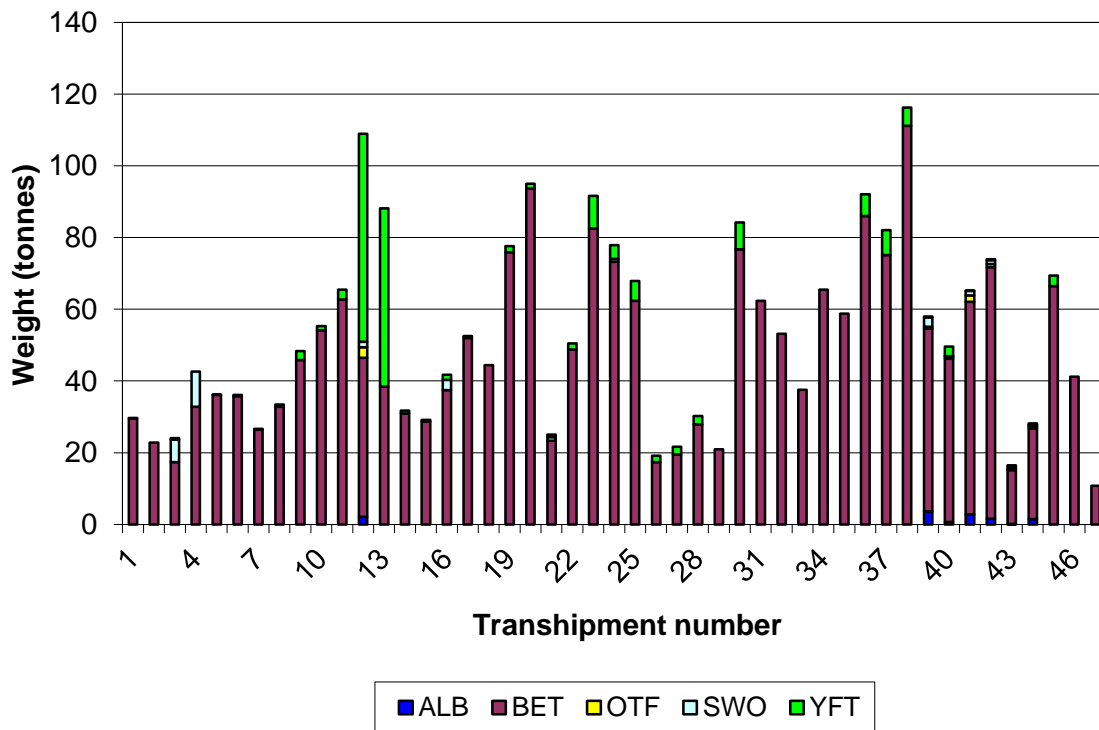


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	20.90
Atlantic blue marlin	<i>Makaira nigricans</i>	93.49
Bigeye tuna	<i>Thunnus obesus</i>	45.30
Other fish Unclassified		20.20
Striped marlin	<i>Tetrapturus audax</i>	50.00
Swordfish	<i>Xiphias gladius</i>	57.56
Yellowfin tuna	<i>Thunnus albacares</i>	44.27

Comments:

The main species transferred to the CV were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*) atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*). All these species transhipped with the exception of the atlantic blue marlin and swordfish were gilled and gutted (GG) this product is used when gills and guts are removed.

The marlins and swordfish were dressed (DR) and this method is when head and guts are removed.

The observer used the weights and numbers for each species provided by the LSPLV to calculate an estimated average weight for each species. The fish were transferred in strings containing about 10-30 fish per string. The CV did not make use of a crane scale.

7 Southern bluefin tuna transhipments.

The CV did not tranship southern bluefin tuna (*Thunnus maccoyii*) during this voyage.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type *	Last entry
1			Yes	02/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	01/03/18
2			Yes	03/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	03/03/18
3			Yes	04/03/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	04/03/18
4			Yes	05/03/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	04/03/18
5			Yes	06/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	05/03/18
6			Yes	07/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/03/18
7			Yes	08/03/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	07/03/18
8			Yes	08/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	08/03/18
9			Yes	14/03/18	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	13/03/18
10			Yes	14/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	14/03/18
11			Yes	15/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	15/03/18
12			Yes	16/03/18	Yes	Yes	Yes	Yes	Yes	11/03/23	Yes	Yes	Yes	Yes	Yes	PB	15/03/18
13			Yes	17/03/18	Yes	Yes	Yes	Yes	Yes	21/09/20	Yes	Yes	Yes	Yes	Yes	PB	16/03/18
14			Yes	19/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	18/03/18
15			Yes	19/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	19/03/18
16			Yes	20/03/18	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	19/03/18
17			Yes	21/03/18	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	20/03/18
18			Yes	22/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	21/03/18
19			Yes	23/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	23/03/18
20			Yes	24/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	23/03/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type *	Last entry
21			Yes	25/03/18	Yes	Yes	Yes	Faxed	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	25/03/18
22			Yes	20/03/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	27/03/18
23			Yes	28/03/18	Yes	Yes	Unk	Yes	Yes	31/03/18	Yes	Yes	Yes	Yes	Yes	PB	28/03/18
24			Yes	30/03/18	Yes	Yes	Yes	Faxed	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/03/18
25			Yes	01/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	30/03/18
26			Yes	02/04/18	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	No	Yes	PB	28/02/18
27			Yes	02/04/18	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	No	Unk	Yes	PB	02/04/18
28			Yes	02/04/18	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	01/04/18
29			Yes	03/04/18	Yes	Yes	Unk	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	01/04/18
30			Yes	04/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	03/04/18
31			Yes	05/04/18	Yes	Yes	Yes	Yes	Yes	01/11/18	Yes	Yes	No	Unk	Yes	PB	04/04/18
32			Yes	06/04/18	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	04/04/18
33			Yes	06/04/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	05/04/18
34			Yes	07/04/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	06/04/18
35			Yes	07/04/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	06/04/18
36			Yes	08/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/04/18
37			Yes	09/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/04/18
38			Yes	10/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	10/04/18
39			Yes	11/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	09/04/18
40			Yes	11/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	08/04/18
41			Yes	13/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	11/04/18
42			Yes	13/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	10/04/18
43			Yes	14/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	12/04/18
44			Yes	14/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	11/04/18
45			Yes	20/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	19/04/18
46			Yes	21/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/04/18
47			Yes	22/04/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/04/18

Comments.

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
Registration number as “Unk” – Unknown, as markings not displayed.

Table 7 Comments on LSPLV checks

No	Comments
4	<p>The ATF licence number T1112 was recorded in the logbook. This did not match the licence number T1092 reflected by the ATF shown to the observer.</p> <p>Figure 3 ATF and logsheet of the xxx</p>
7	<p>The International Radio Call Sign (IRCS) "BIW4P" was used to complete the logbook. This did not concur with the IRCS "BZW4P" displayed by the LSPLV and provided by the ICCAT vessel.</p> <p>Figure 4 Logbook of the XXX</p>
21	<p>The ATF presented during the boarding was not in date and expired on 31/12/2017. An in-date ATF in the older format was faxed to the CV.</p> <p>Figure 5 ATFs of the XXX. The out of date ATF (left) and in date ATF (right) in the old format.</p>
26	<p>The Power light of the ARGOS MARGE V2 VMS system was not illuminated. A PNC was issued and a copy provided to the master of the LSPLV.</p> <p>Figure 6. VMS system of the XXX</p>
27	<p>The LSPLV officers could not point out the VMS unit and the observer could not find a unit in the indoor area of the wheelhouse. The observer did note antennae for an Argos MAR V2, a Sailor Fleetbroadband and a BEAM Oceana 800. Whether these antennae were used as VMS units could not be verified. A PNC for no VMS was issued and a copy give to the captain.</p>
31	<p>The observer could not find a VMS unit within the wheelhouse of the XXX. Although the observer noted two Pole Star MAT – IDP690 antennae above the bridge, the captain could not point out the indoor units or the power supplies associated to these antennae. The observer issued a PNC and provided the master of the LSPLV with a copy.</p>

The observer issued 4 Potential Non Compliance (PNC) reports summarised below in Table.

Table8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
21			1	AID		
26			2	VNL		
27			3	VNP		
31			4	VNP		

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a waste disposal plan in place and with the exception of galley waste, all waste was stored on board. The CV had designated bins for specific types of waste.



Figure 7. Waste disposal bins on board the CV.

On 08/03/2018 at 18H46, the observer noted an oil spill which was caused by the CV which was drifting at the time. The cause was not clear but had to be from the CV as not vessels were close at the time.



Figure 8. Oil spill

9.2 Unidentified or IUU vessels.

No unidentified or IUU vessels were observed.

Table9 Marine mammal sightings

Date	Time	Lat	Lon	Species	No.	Behaviour
26/02/18	10:25	22 45.668S	13 14.939E	Dolphins Unidentified	60+	Travelling
17/03/18	11:00	05 56.808N	22 05.515W	Dolphins Unidentified	5	Swimming W
04/04/18	17:00	08 40.888N	40 43.103W	Dolphins Unidentified	20+	Travelling
18/04/18	13:00	07 12.771N	29 52.305W	Dolphins Unidentified	4	Travelling
02/05/18	14:00	23 30.830S	01 56.414E	Dolphins Unidentified	15	Travelling N
02/05/18	14:00	23 30.830S	01 56.414E	Sei whale (<i>Balaenoptera borealis</i>)	1	Swimming
04/05/18	14:20	29 38.604S	10 20.330E	Sei whale (<i>Balaenoptera borealis</i>)	2	Swimming
05/05/18	14:30	32 38.548S	14 52.986E	Unknown whale	2	Swimming N

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix

Table 10 Non ROP Transhipments.

Vessel	RFMO Number	Date	Lat	Lon	Comments
		06/03/18	09 15.540S	10 50.075W	Frozen foods, Boxes general supplies
		07/03/18	10 40.033S	10 59.602W	Frozen foods, Boxes general supplies
		17/03/18	05 56.808N	22 05.595W	Bunkers
		20/03/18	06 48.373N	27 00.268W	Supplies
		26/03/18	12 55.569N	31 03.453W	Bunkers, Supplies
		30/03/18	07 24.599N	32 30.315W	Bait, supplies.
		01/04/18	06 37.956N	37 31.016W	Bait, supplies.
		04/03/18	10 59.907N	40 01.702W	Bait, supplies.
		05/04/18	09 48.186N	38 42.397W	Bait, supplies.
		18/04/18	07 11.345N	26 15.191W	Bait, supplies.

ICCAT

Observer Report



Trip Number:	214
Vessel Name:	Shota Maru
ICCAT Ref. No.	AT000LBR00022
Observer Name:	Javier Vivó Guevara
Cruise Dates:	From: 12/03/2018 To: 23/04/2018

1 Cruise Summary

In accordance with the bilateral agreement between PANAMA TRL S.A. and MRAG LTD., Javier Vivó Guevara (ROP No. 154) joined the Liberia registered Carrier Vessel (CV) Shota Maru (RFMO No. AT000LBR00022) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 12/03/2018 to 23/04/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Shota Maru	Call sign:	D5KN7
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4845,8 m ³
Size (GRT):	3936	Length (LOA):	100,98 metres
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	909 tons		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/03/2018
Method of embarkation*	Portside
Date of departure	15/03/2018
Date of first transshipment	20/03/2018
Date of last transshipment	12/04/2018
Date of return	23/04/2018
Date of disembarkation	23/04/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Balboa

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 23 transshipments at sea, the locations are shown in detail in

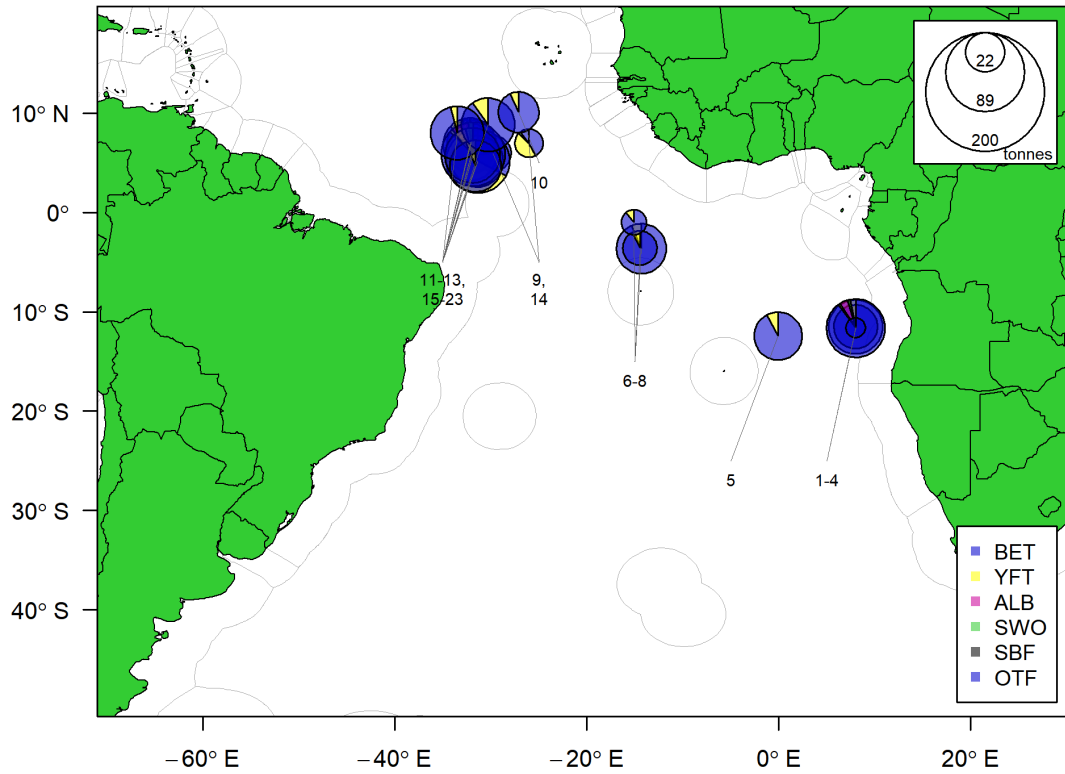


Figure 1, the numbers received by nationality of vessel are given in Table 1.

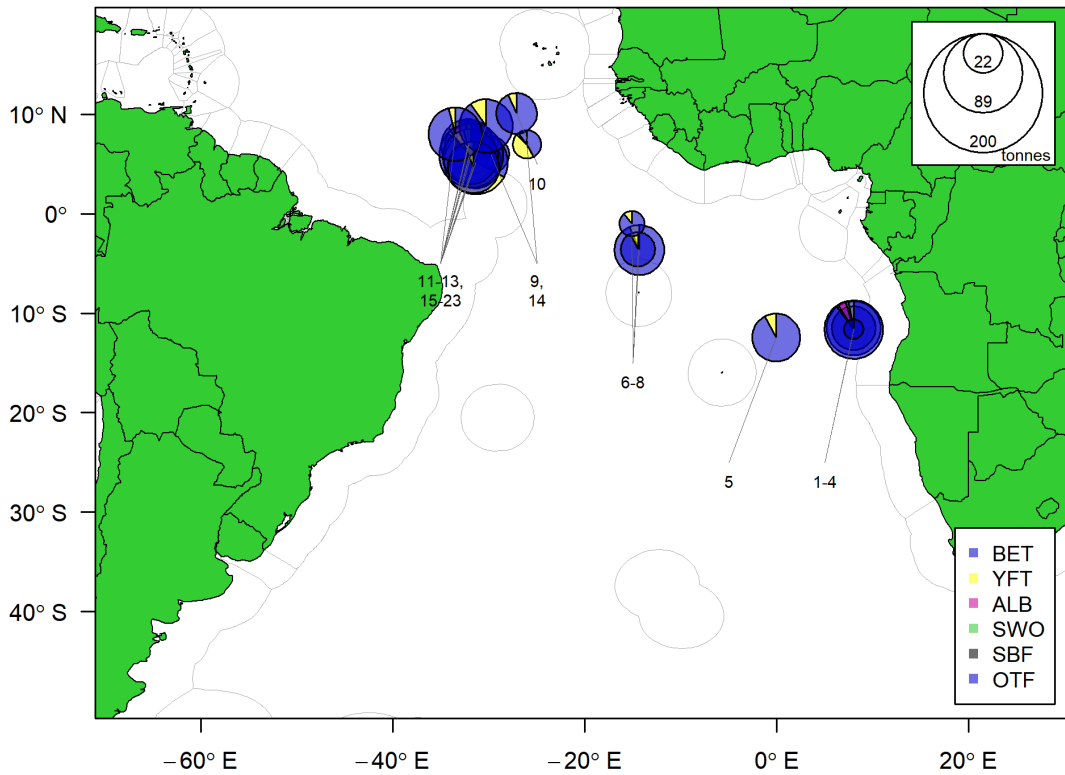


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	11
XXX	10
XXX	1

Comments:

8 NO ROP transhipments were performed along the monitoring period (see Table 12 for further details).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments

No	Name	RFMO No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	20/03/2018	11°30.29'S	8°00.01'E	1:30	100
2				Yes	20/03/2018	11°29.60'S	8°00.19'E	1:45	100
3				Yes	21/03/2018	11°38.52'S	8°00.34'E	3:20	100
4				Yes	21/03/2018	11°35.75'S	7°59.85 E	3:32	100
5				Yes	23/03/2018	12°26.46'S	0°04.36'W	2:20	100
6				Yes	27/03/2018	3°38.40'S	14°18.85'W	2:26	100
7				Yes	27/03/2018	3°34.42'S	14°28.43'W	3:11	100
8				Yes	28/03/2018	0°59.25'S	15°05.16'W	5:52	100
9				Yes	31/03/2018	6°58.66'N	26°01.58'W	2:52	100
10				Yes	02/04/2018	10°05.30'N	27°05.94'W	5:44	100
11				Yes	04/04/2018	6°55.59'N	32°04.58'W	4:58	100
12				Yes	04/04/2018	6°49.53'N	32°10.80'W	3:39	100
13				Yes	05/04/2018	7°03.90'N	32°05.39'W	3:59	100
14				Yes	06/04/2018	5°56.48'N	29°45.67'W	3:47	100
15				Yes	07/04/2018	5°48.65'N	32°00.76'W	1:35	100
16				Yes	07/04/2018	5°45.84'N	32°04.22'W	2:45	100
17				Yes	08/04/2018	5°09.84'N	31°21.20'W	1:41	100
18				Yes	08/04/2018	5°08.62'N	31°23.21'W	0:55	100
19				Yes	09/04/2018	5°52.01'N	31°50.64'W	3:20	100
20				Yes	09/04/2018	5°44.47'N	31°55.12'W	3:51	100
21				Yes	10/04/2018	4°40.39'N	31°36.01'W	2:38	100
22				Yes	11/04/2018	8°49.08'N	30°17.14'W	5:16	100
23				Yes	12/04/2018	7°59.61'N	33°30.16'W	1:39	100

Comments: The observer was able to monitor all the transhipments during the deployment period.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	8,327	8,891	1,162	9,335	395	553	1,948	2,245	2,832	21,024	190	0.91
2	21,529	22,906	9,410	1,095	183	245	820	807	31,942	34,053	2,110	6.20
3	48,741	53,593	7,150	4,260	527	515	1,382	1,382	57,800	59,750	1,950	3.26
4	59,437	64,641	7,376	5,834	641	515	3,623	3,481	71,077	74,471	3,390	4.56
5	12,226	14,179	19,603	2,334	1,386	1,577	2,024	1,809	35,239	37,899	2,660	7.02
6	11,617	12,424	2,455	21,473	1,667	1,617	1,537	1,531	35,276	37,045	1,770	4.78
7	16,220	15,702	43,517	49,340	910	1,044	2,015	1,515	62,662	67,601	4,940	7.31
8	31,638	34,362	59,978	64,701	4,406	2,667	3,135	4,071	99,157	105,801	6,640	6.28
9	65,500	62,615	3,960	4,254	2,178	2,330	0	0	71,638	69,199	-2,440	-3.52
10	99,356	93,490	1,753	1,673	5,199	2,730	7,8	9,319	114,108	107,212	-6,900	-6.43
11	64,575	7,696	5,360	5,360	2,795	3,233	0	0	72,73	79,289	6,560	8.27
12	64,137	65,59	4,520	4,147	0	0	0	0	68,657	69,737	1,080	1.55
13	66,298	67,929	4,757	7,250	0	0	0	0	71,055	75,179	4,120	5.49
14	67,603	72,000	3,428	3,000	0	0	0	0	71,031	75,000	3,970	5.29
15	4,558	4,159	3,178	3,092	0	0	0	0	43,736	43,251	-480	-1.12
16	61,673	61,283	3,182	4,219	0	0	0	0	64,855	65,502	650	0.99
17	28,627	28,395	1,715	2,243	0	0	0	0	3,342	3,638	300	0.97
18	15,086	14,829	1,145	1,787	0	0	0	0	16,231	16,616	380	2.32
19	57,955	55,639	4,911	4,689	0	0	0	0	62,866	6,328	-2,540	-4.21
20	78,895	73,547	3,181	2,885	0	0	0	0	82,076	76,432	-5,640	-7.38
21	49,106	48,000	2,042	2,000	0	0	0	0	51,148	50,000	-1,150	-2.30
22	86,819	8,498	1,441	991	2,584	1,566	5,839	6,478	96,683	89,533	-7,150	-7.99
23	11,858	10,000	0	0	0	0	0	0	11,858	10,000	-1,860	-18.58

Comments:

Transhipments from XXX LSPLVs were of mixed species (as follows in order of quantity): bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), swordfish (*Xiphias gladius*), atlantic blue marlin (*Makaira nigricans*), albacore (*Thunnus alalunga*), Indo-Pacific sailfish (*Istiophorus platypterus*), Wahoo (*Acanthocybium solandri*), Opah (*Lampris guttatus*), Narrow-barred Spanish

mackerel (*Scomberomorus commerson*), Striped marlin (*Tetrapturus audax*) and tuna products. (see table 3 and table 4 for further details)

Transhipments from XXX, XXX and XXX LSPLVs were (in order of quantity): *T. obesus*, *T. albacares* and *X. gladius*.

Swordfish (*X. gladius*) from both North and South stocks were transhipped. The LSPLVs and carrier vessel declared the stock.

In transhipment 23 the difference between observations and vessel's declared amount is more than 10%. However, the observer is confident in his own estimates as the transhipment was carried out very slowly. The estimated total amount of fish transhipped by carrier vessel's captain was based on the remaining hold volume.

6 Species and weight transferred

The vessel contained tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Table 4**, a breakdown by transshipment is shown in Error! Reference source not found. and average weights by species are shown in **Table 5**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	12,670	0.94	14,760	1.09
Atlantic blue marlin	<i>Makaira nigricans</i>	All	12,920	0.96	13,020	0.96
Bigeye tuna	<i>Thunnus obesus</i>	All	1,067,780	79.51	1,071,370	79.04
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	1,510	0.11	1,590	0.12
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	360	0.03	230	0.02
Opah	<i>Lampris guttatus</i>	All	700	0.05	860	0.06
Striped marlin	<i>Tetrapturus audax</i>	All	230	0.02	0	0
Swordfish	<i>Xiphias gladius</i>	N	18,670	1.39	14,360	1.06
Swordfish	<i>Xiphias gladius</i>	S	4,200	0.31	4,230	0.31
Tunas nei	Thunnini	All	970	0.07	600	0.04
Wahoo	<i>Acanthocybium solandri</i>	All	770	0.06	1,300	0.10
Yellowfin tuna	<i>Thunnus albacares</i>	All	222,220	16.55	232,960	17.19

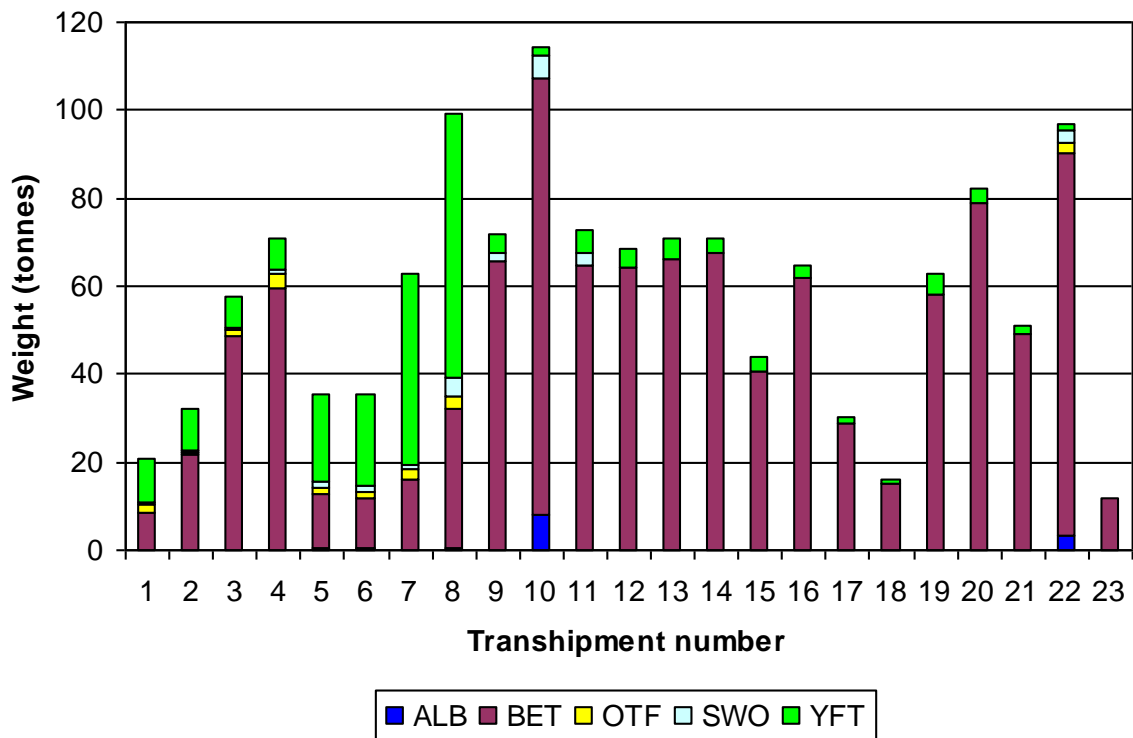


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	20.95
Atlantic blue marlin	<i>Makaira nigricans</i>	102.52
Bigeye tuna	<i>Thunnus obesus</i>	44.67
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	15.11
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	9.50
Opah	<i>Lampris guttatus</i>	10.55
Striped marlin	<i>Tetrapturus audax</i>	38.00
Swordfish	<i>Xiphias gladius</i>	61.98
Tunas nei	Thunnini	19.80
Wahoo	<i>Acanthocybium solandri</i>	9.24
Yellowfin tuna	<i>Thunnus albacares</i>	45.77

Comments:

The main types of product by species during deployment were: gilled and gutted (*T. obesus*, *T. albacares*, *M. nigricans* and *T. audax*), fillet (*X. gladius*), round weight (*T. alalunga*) and dressed (*X. gladius*, *M. nigricans*, *I. platypterus*, *L. guttatus*, *A. solandri*, *S. commerson*).

The average weight of fish transhipped was taken from transhipped vessel figures whenever possible. For transhipments 9, 11, and 22, no average weight was possible. For these transhipments, the observer used the average weights for the same species from previous transhipments.

Furthermore, for transhipments 8 and 22 unspecified tuna products were transhipped and declared by the LSPLV as TUNA EGG and TUN. Both tuna products were recorded in by the observer as tunas nei (tuna egg) and tunas nei (tuna meat blocks). The weight used was the weight declared by the vessel.

For transhipment 1, unspecified tuna products were transhipped but were not declared. In this case and not declared. In this instance, the observer used a visual estimate of the weight for his calculations. These products were recorded as tunas nei.

In transhipment 7 was observed striped marlin (*Tetrapturus audax*) and all marlin were declared as BUM by the vessel.

In transhipment 22 was observed narrow-barred spanish mackerel (*Scomberomorus commerson*) and was declared as wahoo by the vessel (*Acanthocybium solandri*).

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Checks were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag*	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type**	Last entry
1			Y	20/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	19/03/18
2			Y	20/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	20/03/18
3			Y	21/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	PU	28/02/18
4			Y	21/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	21/03/18
5			Y	23/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	22/03/18
6			Y	27/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	26/03/18
7			Y	27/03/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	18/03/18
8			Y	28/03/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	27/03/18
9			Y	31/03/18	Y	Y	Unk	Y	Y	15/12/20	Y	F	Y	Y	Y	PB	31/03/18
10			Y	02/04/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	01/04/18
11			Y	04/04/18	Y	Y	Y	Y	Y	15/07/18	Y	Y	Y	Y	Y	PB	03/04/18
12			Y	04/04/18	Y	Y	Unk	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	04/04/18
13			Y	05/04/18	Y	Y	Unk	Y	Y	16/07/19	Y	Y	Y	Y	Y	PB	04/04/18
14			Y	06/04/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	05/04/18
15			Y	07/04/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	07/04/18
16			Y	07/04/18	Y	Y	Unk	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	06/04/18
17			Y	08/04/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	07/04/18
18			Y	08/04/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	07/04/18
19			Y	09/04/18	Y	Y	Unk	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	08/04/18
20			Y	09/04/18	Y	Y	Unk	Y	Y	22/05/18	Y	Y	Y	Y	Y	PB	08/04/18
21			Y	10/04/18	Y	Y	Unk	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	09/04/18

No	Name	Flag*	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type**	Last entry	
22			Y	11/04/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	11/04/18
23			Y	12/04/18	Y	Y	Y	Y	Y	30/04/18	Y	Y	Y	Y	Y	Y	PB	11/04/18

*XXX, XXX, XXX, XXX

**EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The logbook in transshipment 3 was printed and unbound, and not up to date. The observer reported a PNC. The observer explained the captain about ICCAT requirements for logbooks on board LSTLVs.

The ATT in transshipment 9 was not shown to the observer while inspection aboard. The CV Shota Maru received the ATT by fax from fisheries agency for this fishing vessel during transshipment.

In transshipment 14 the ATF shown to observer was expired with date 10/11/2017. An updated ATF with expiry date 31/12/2018 was subsequently sent BY FAX during transshipment.

No numbered logbooks were shown to observer for transshipments 15 and 23 but all entries except for the last one were completed showing consecutive days from the beginning of the logbook.

The ATT for transshipment 23 was not recognised as there is no template for the XXX license.

Table 9 **Comments on LSPLV checks**

No	Comments
3	The Logbook Shown To the observer was not up to date and was unbound. PNC Reported.
15	The logbook shown to observer aboard had no numbered pages. PNC reported.
23	The area of operations in described in the ATF are (25/30/50). The ATF was not recognised. The logbook shown to observer aboard had no numbered pages. PNC reported.

The observer made 3 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
3			21403	LNB	LND
15			21415	LNN	
23			21423	LNN	

9 Other Observer Tasks.

9.1 CV waste disposal

Shota Maru disposed of garbage within colour coded containers at the stern in order to separate garbage between plastic, paper, glass bottles and food waste. Information about MARPOL waste disposal procedures were observed in several points around the ship.



Figure 3 Coloured containers for garbage disposal

Plastics was observed thrown from fishing vessel to the sea during transshipment 22. Observer pointed MARPOL requirements out to the captain of XXX.

Figure 4 Plastic garbage thrown from the XXX

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during the deployment

9.3 Marine mammals

A group of 30 striped dolphins (*Stenella coeruleoalba*) were observed jumping in the surface next to the vessel while sailing by in the Caribbean Sea on the way to Panama

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
18/04/18	09:00	12°05'N	64°24'W	<i>Stenella coeruleoalba</i>	30	Swimming

10 Health and Safety on board the CV

He observer noted no health and safety issues during the deployment period.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/03/18	12°26'S	1°13'E	Bait and other supplies	Y
		25/03/18	10°30'S	9°22'W	Fuel and fresh water	Y
		30/03/18	6°36'N	21°47'W	Bait and ship material	Y
		01/04/18	8°48'N	24°35'W	Bait	Y
		01/04/18	8°46'N	24°35'W	Bait and oil	Y
		03/04/18	7°39'N	29°01'W	Bait and other supplies	Y
		03/04/18	7°37'N	29°04'W	Bait and other supplies	Y
		03/04/18	7°36'N	29°07'W	Bait and other supplies	Y

ICCAT

Observer Report



Trip Number:	215-18
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 30/03/2018 to: 11/06/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Co. Ltd. and the consortium of MRAG and Capfish cc, A.T. Dimitrov (ROP No.117) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.24 (RFMO No.AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/03/2018 to 11/06/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	ISE - SHI	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Co. Ltd	Charterer:	Taisei Maru Kaiun Kaisha Co. Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6347.5m ³ .
Size (GRT):	4992t.	Length (LOA):	124.25m.
On-board acoustic equipment:	JRC - JFE 570S		
Position fixing equipment:	JRC - Type JLR - 7700MKII		
Vessel monitoring system (present/absent):	Present: JRC JUE - 95VM INMARSAT C		
Radar:	1xJMA - 9132SA / 1xMPBX41984A		
Communications equipment:	MF/HF: JRC NCH - 801 / NCH - 802 2xVHF: JRC JHS - 31 Inmarsat F33, FB and C		
Plotters:	MPBX41984A		
Tuna products already on board (Quantity)	0t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Durban, South Africa
Date of embarkation	30/03/2018
Method of embarkation*	Portside
Date of departure	31/03/2018
Date of first transshipment	04/04/2018
Date of last transshipment	07/06/2018
Date of return	11/06/2018
Date of disembarkation	11/06/2018
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 49 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

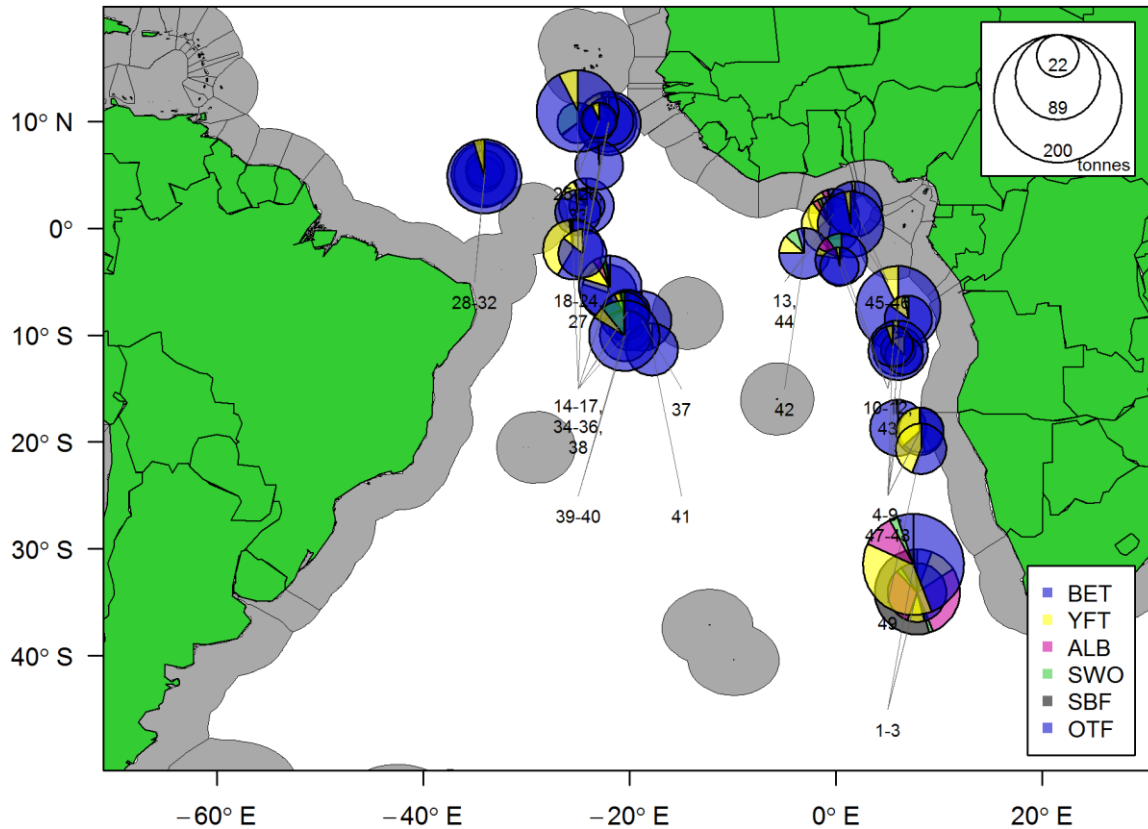


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	3
	27
	18
	1

Comments: In addition to the transhipments listed in Table 1, the CV conducted 11 non ICCAT transhipments of cargo only. The details of these cargo-only transhipments are listed in Table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	04/04/18	34°00.487 S	007°52.022 E	01:35	100.00%
2				Yes	04/04/18	34°04.031 S	007°50.547 E	01:50	100.00%
3				Yes	05/04/18	31°26.447 S	007°29.449 E	01:50	100.00%
4				Yes	07/04/18	18°39.93 S	006°00.384 E	01:50	100.00%
5				Yes	10/04/18	11°30.372 S	006°00.848 E	00:45	100.00%
6				Yes	10/04/18	11°24.762 S	006°00.786 E	02:40	100.00%
7				Yes	10/04/18	11°20.177 S	006°00.331 E	01:05	100.00%
8				Yes	11/04/18	11°53.919 S	006°34.717 E	01:25	100.00%
9				Yes	12/04/18	11°00.489 S	005°28.1 E	01:30	100.00%
10				Yes	13/04/18	08°30.216 S	006°59.564 E	01:40	100.00%
11				Yes	14/04/18	07°29.375 S	006°00.924 E	00:55	100.00%
12				Yes	16/04/18	02°53.532 S	000°29.575 E	02:15	100.00%
13				Yes	17/04/18	00°13.713 N	000°32.035 W	01:10	100.00%
14				Yes	21/04/18	05°30.113 S	021°53.368 W	03:00	100.00%
15				Yes	22/04/18	05°59.839 S	022°00.891 W	03:15	100.00%
16				Yes	28/04/18	01°59.217 S	025°29.748 W	02:20	100.00%
17				Yes	29/04/18	02°20.661 S	024°34.541 W	02:55	100.00%
18				Yes	30/04/18	01°28.949 N	025°01.035 W	04:00	100.00%
19				Yes	01/05/18	02°05.002 N	024°08.794 W	00:35	100.00%
20				Yes	01/05/18	02°05.485 N	024°11.637 W	00:50	100.00%
21				Yes	02/05/18	05°53.172 N	022°57.185 W	02:20	100.00%
22				Yes	03/05/18	09°59.551 N	021°59.926 W	02:05	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
23				Yes	03/05/18	09°48.584 N	021°59.977 W	01:35	100.00%
24				Yes	04/05/18	09°51.371 N	022°08.589 W	01:50	100.00%
25				Yes	05/05/18	10°04.966 N	022°57.296 W	01:10	100.00%
26				Yes	05/05/18	10°02.464 N	022°57.595 W	02:30	100.00%
27				Yes	06/05/18	09°51.192 N	025°02.983 W	01:10	100.00%
28				Yes	08/05/18	05°01.216 N	034°01.155 W	00:45	100.00%
29				Yes	08/05/18	05°02.732 N	034°05.078 W	01:15	100.00%
30				Yes	08/05/18	05°02.576 N	034°05.562 W	02:00	100.00%
31				Yes	10/05/18	04°50.908 N	034°04.794 W	05:05	100.00%
32				Yes	11/05/18	05°30.623 N	034°01.01 W	02:50	100.00%
33				Yes	13/05/18	10°58.208 N	025°02.728 W	01:20	100.00%
34				Yes	20/05/18	08°12.356 S	020°30.166 W	00:55	100.00%
35				Yes	21/05/18	07°52.199 S	020°11.493 W	01:25	100.00%
36				Yes	21/05/18	07°49.16 S	020°14.536 W	01:50	100.00%
37				Yes	22/05/18	08°39.157 S	018°50.899 W	04:25	100.00%
38				Yes	23/05/18	09°33.436 S	020°00.854 W	01:50	100.00%
39				Yes	24/05/18	10°04.393 S	020°25.974 W	02:00	100.00%
40				Yes	24/05/18	10°02.286 S	020°31.205 W	02:50	100.00%
41				Yes	25/05/18	11°20.087 S	017°50.43 W	00:40	100.00%
42				Yes	28/05/18	02°20.142 S	003°04.705 W	01:01	100.00%
43				Yes	29/05/18	03°35.407 S	000°19.081 E	01:25	100.00%
44				Yes	30/05/18	01°20.525 N	000°14.992 W	02:30	100.00%
45				Yes	31/05/18	01°48.44 N	001°47.926 E	01:30	100.00%
46				Yes	31/05/18	00°23.061 N	001°23.957 E	01:55	100.00%
47				Yes	05/06/18	19°00.269 S	008°06.663 E	07:25	100.00%
48				Yes	06/06/18	18°51.816 S	008°13.562 E	02:30	100.00%
49				Yes	07/06/18	20°37.769 S	008°14.064 E	08:10	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	0	22.94	24.163	12.3	11.297	0.185	0.237	2.576	2.723	38.001	38.42	0.42	1.09%
2	0	0	26.6	27.691	18.462	19.295	0.785	0.925	4.494	4.534	50.341	52.445	2.10	4.01%
3	0	0	37.587	37.541	5.814	5.776	0.248	0.35	2.832	3.317	46.481	46.984	0.50	1.07%
4	0	0	42.768	44.584	4.558	4.276	0.155	0.152	2.718	2.838	50.199	51.85	1.65	3.18%
5	0	0	16.47	16.749	0.46	0.455	0.066	0.067	2.032	2.034	19.028	19.305	0.28	1.43%
6	0	0	54	53.205	6.215	6.188	0.356	0.354	2.355	2.132	62.926	61.879	-1.05	-1.69%
7	0	0	15.232	16.064	0.4	0.323	8.5	8.681	0	0	24.132	25.068	0.94	3.73%
8	0	0	36.521	36.313	0.855	0.855	0	0	0	0	37.376	37.168	-0.21	-0.56%
9	0	0	30.218	31.2	0.572	0.57	0	0	0	0	30.79	31.77	0.98	3.08%
10	0	0	34.996	35.16	0.297	0.295	0	0	0	0	35.293	35.455	0.16	0.46%
11	0	0	17.27	17.263	1.8	1.796	0	0	0	0	19.07	19.059	-0.01	-0.06%
12	0	0	55.9	57.223	1.914	1.904	0	0	0	0	57.814	59.127	1.31	2.22%
13	0	0	19.8	20.015	1.86	2.203	0	0	0	0	21.66	22.218	0.56	2.51%
14	0	0	62.8	64.715	0.8	0.975	0	0	0	0	63.6	65.69	2.09	3.18%
15	0	0	80.4	80.732	4.05	4.143	0	0	0	0	84.45	84.875	0.42	0.50%
16	0	0	44.634	46.078	0.77	0.763	0	0	0	0	45.404	46.841	1.44	3.07%
17	0	0	63.632	65.06	1.92	1.986	0	0	0	0	65.552	67.046	1.49	2.23%
18	0	0	94.072	95.458	8.05	7.99	0	0	0	0	102.122	103.448	1.33	1.28%
19	0	0	14.781	14.865	1.176	1.172	0	0	0	0	15.957	16.037	0.08	0.50%
20	0	0	18.392	18.271	1.35	1.358	0	0	0	0	19.742	19.629	-0.11	-0.58%
21	0	0	30.156	29.66	4.55	4.505	3.3	3.317	1.89	1.9	39.896	39.382	-0.51	-1.31%
22	0	0	37.683	36.927	15.1	15.862	0.678	0.68	1.476	1.477	54.937	54.946	0.01	0.02%
23	0	0	37.893	37.707	7.943	8.129	0.507	0.507	0.904	0.907	47.247	47.25	0.00	0.01%
24	0	0	31.908	32.317	21.58	21.761	0.632	0.626	0.559	0.533	54.679	55.237	0.56	1.01%
25	0	0	26.845	27.001	2.87	2.962	1	1.188	0	0	30.715	31.151	0.44	1.40%
26	0	0	46.92	48.477	6.768	6.609	1.802	1.783	4.143	3.919	59.633	60.788	1.16	1.90%
27	0	0	25.542	25.975	2.304	2.286	0.5	0.882	1.35	1.347	29.696	30.49	0.79	2.60%

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
28	0	0	19.84	19.6	4.888	4.9	0	0	0	0	24.728	24.5	-0.23	-0.93%
29	0	0	30.366	30.6	5.054	5.1	0	0	0	0	35.42	35.7	0.28	0.78%
30	0	0	31.28	33	1.35	1.5	1.001	1	0	0	33.631	35.5	1.87	5.26%
31	0	0	104.31	103	8.05	8	0	0	0	0	112.36	111	-1.36	-1.23%
32	0	0	31.476	32	1.517	1.8	4	3.8	3.564	3.5	40.557	41.1	0.54	1.32%
33	0	0	28.272	29.362	4.32	4.204	0.918	0.881	0	0	33.51	34.447	0.94	2.72%
34	0	0	22.386	22.254	0.644	0.645	0	0	0	0	23.03	22.899	-0.13	-0.57%
35	0	0	40.647	40.844	1.04	1.142	0	0	0	0	41.687	41.986	0.30	0.71%
36	0	0	39.024	39.118	0.405	0.411	0	0	0	0	39.429	39.529	0.10	0.25%
37	0	0	64.98	64.262	4.5	4.168	8.162	8.299	0	0	77.642	76.729	-0.91	-1.19%
38	0	0	50.468	48	0.451	0.45	0	0	0	0	50.919	48.45	-2.47	-5.10%
39	0	0	35.04	37.214	0.66	0.661	0	0	0	0	35.7	37.875	2.18	5.74%
40	0	0	53.289	53.18	1.56	1.56	0	0	0	0	54.849	54.74	-0.11	-0.20%
41	0	0	16.923	17.115	1.377	1.374	0	0	0	0	18.3	18.489	0.19	1.02%
42	0	0	20.531	19.8	2.42	2.42	0	0	0	0	22.951	22.22	-0.73	-3.29%
43	0	0	24.516	24.32	1.407	1.407	0	0	0	0	25.923	25.727	-0.20	-0.76%
44	0	0	14.79	14.784	16.512	16.522	0	0	0	0	31.302	31.306	0.00	0.01%
45	0	0	21.661	22	12.604	12.65	0	0	0	0	34.265	34.65	0.38	1.11%
46	0	0	21.777	21.919	16.807	17.322	0	0	0	0	38.584	39.241	0.66	1.67%
47	59.328	59.296	6.372	6.247	11.625	11.535	1.72	1.72	34.631	33.184	113.676	111.982	-1.69	-1.51%
48	0	0	24.44	24.407	4.92	5.106	1.545	1.614	22.269	22.113	53.174	53.24	0.07	0.12%
49	0	0	75.15	69.39	61.38	59.259	4.014	3.944	25.625	24.847	166.169	157.44	-8.73	-5.54%

6 Species and weight transferred

The CV contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed %	Declared weight (t)	Declared %
Albacore	<i>Thunnus alalunga</i>	All	3.56	0.15%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	3.24	0.14%	5.92	0.25%
Albacore	<i>Thunnus alalunga</i>	S	70.44	3.04%	69.17	2.98%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.89	0.08%	2.94	0.13%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	4.47	0.19%	4.46	0.19%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	17.83	0.77%	20.22	0.87%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.43	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	1803.50	77.92%	1812.83	78.06%
Black marlin	<i>Makaira indica</i>	All	0.00	0.00%	0.47	0.02%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	1.51	0.07%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	S	1.76	0.08%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	3.07	0.13%	6.13	0.26%
Other fish Unclassified		All	0.99	0.04%	0.40	0.02%
Other fish Unclassified		SE	3.70	0.16%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.70	0.03%	0.90	0.04%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	59.33	2.56%	59.30	2.55%
Striped marlin	<i>Tetrapturus audax</i>	All	0.23	0.01%	0.23	0.01%
Striped marlin	<i>Tetrapturus audax</i>	N	0.00	0.00%	0.04	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.04	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	16.46	0.71%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	6.04	0.26%	16.77	0.72%
Swordfish	<i>Xiphias gladius</i>	S	17.57	0.76%	24.24	1.04%
Yellowfin tuna	<i>Thunnus albacares</i>	All	298.23	12.88%	297.87	12.83%

Comments: The CV made use of a hook scale to record the string weights. The scale recorded total was 2400.865 tonnes whereas 2322.308t was declared (3.38% difference).

The main species transhipped during the voyage were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), southern bluefin tuna (*Thunnus maccoyii*), swordfish (*Xiphias gladius*) and billfish (marlins, sailfishes etc. nei [*Istiophoridae*]).

Opah (*Lampris guttatus*), short fin mako shark (*Isurus oxyrinchus*), atlantic spanish mackerel (*Scomberomorus maculatus*) were transhipped in relatively small amounts.

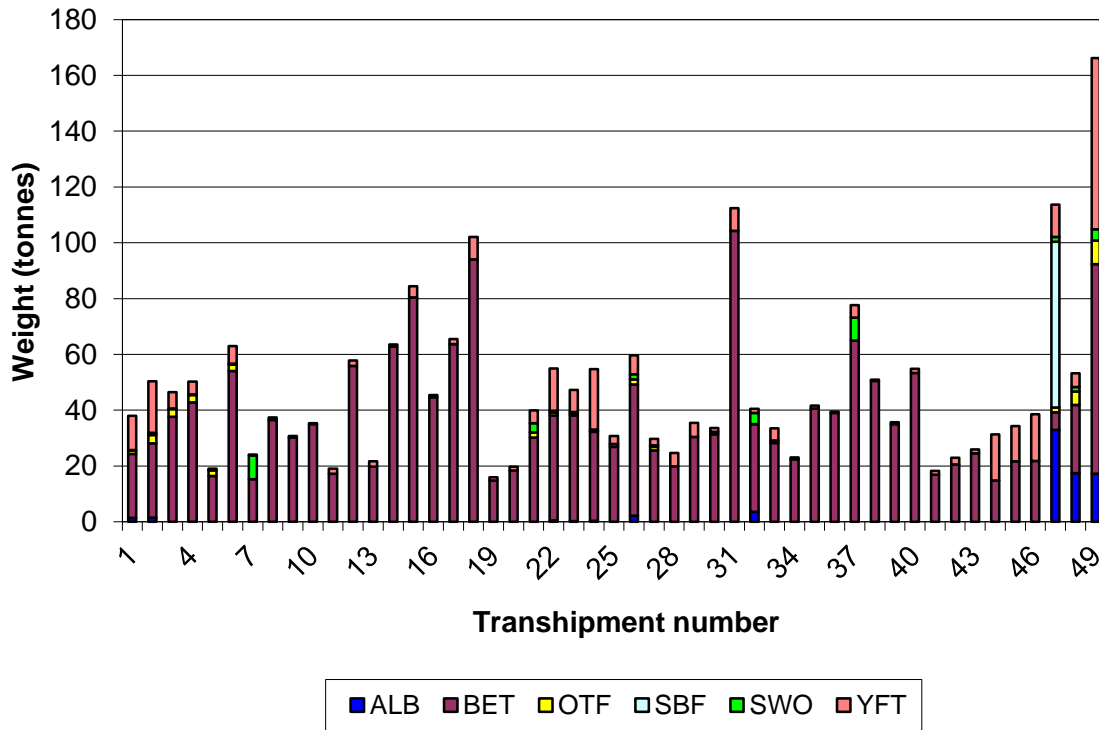


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.27
Atlantic blue marlin	<i>Makaira nigricans</i>	116.25
Bigeye tuna	<i>Thunnus obesus</i>	47.97
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	130.68
Opah	<i>Lampris guttatus</i>	9.00
Other fish Unclassified		11.50
Shortfin mako	<i>Isurus oxyrinchus</i>	41.29
Southern bluefin tuna	<i>Thunnus maccoyii</i>	47.50
Striped marlin	<i>Tetrapturus audax</i>	43.83
Swordfish	<i>Xiphias gladius</i>	54.82
Yellowfin tuna	<i>Thunnus albacares</i>	49.43

Comments: The average weight for each species was calculated by dividing the total declared weight with the total number of fish observed or declared for each species transhipped.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
47				Yes	05/06/18	19°00.269 S	008°06.663 E	07:25	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (kg)	Catch Monitoring Form Number	Tag series number(from – to)
47	9	1249	59.296		0001 – 0733 0735 - 1250

Comments: The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Form (CMF) for the transhipment of southern Bluefin tuna (*Thunnus maccoyii*) was presented and signed by the observer.

The tag series reflected on the CMF ranged from 0001 to 0733 and 0735 to 1250. The LSPLV crew explained that the tag number 0734 was lost and not used to tag a fish.

8 LSPLV Checks

Checks were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	04/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	04/04/18
2			Yes	04/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	04/04/18
3			Yes	05/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/04/18
4			Yes	07/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	07/04/18
5			Yes	10/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	10/04/18
6			Yes	10/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	10/04/18
7			Yes	10/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	10/04/18
8			Yes	11/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	11/04/18
9			Yes	12/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	12/04/18
10			Yes	13/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	13/04/18
11			Yes	14/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	14/04/18
12			Yes	16/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/04/18
13			Yes	17/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	17/04/18
14			Yes	21/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/04/18
15			Yes	22/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	22/04/18
16			Yes	28/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	28/04/18
17			Yes	29/04/18	Yes	Yes	Yes	Yes	Yes	Yes	30/06/18	Yes	Yes	Yes	Yes	Yes	PB	28/04/18
18			Yes	30/04/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/04/18
19			Yes	01/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/04/18
20			Yes	01/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	01/05/18
21			Yes	02/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	01/05/18
22			Yes	03/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	03/05/18
23			Yes	03/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	03/05/18
24			Yes	04/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	04/05/18
25			Yes	05/05/18	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/05/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
26			Yes	05/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/05/18
27			Yes	06/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/06/18
28			Yes	08/05/18	Yes	Yes	Unk**	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	07/05/18
29			Yes	08/05/18	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	07/05/18
30			Yes	08/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	08/05/18
31			Yes	10/05/18	Yes	Yes	Yes	Yes	Yes	31/03/21	Yes	Yes	Yes	Yes	Yes	PB	09/05/18
32			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	10/05/18
33			Yes	13/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	13/05/18
34			Yes	20/05/18	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	19/05/18
35			Yes	21/05/18	Yes	Yes	Yes	Yes	Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	PB	16/05/18
36			Yes	21/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/05/18
37			Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	22/05/18
38			Yes	23/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	22/05/18
39			Yes	24/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	24/05/18
40			Yes	24/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	23/05/18
41			Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	24/05/18
42			Yes	28/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	28/05/18
43			Yes	29/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/05/18
44			Yes	30/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/05/18
45			Yes	31/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	30/05/18
46			Yes	31/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	31/05/18
47			Yes	05/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/06/18
48			Yes	06/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	06/06/18
49			Yes	07/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	07/06/18

Comments.

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

** National Register Number not displayed.

All transshipping LSPLV were boarded and inspected by observer with no problems or difficulties.

Table 9 Comments on LSPLV checks

No	Comments
21	One swordfish (<i>Xiphias gladius</i> ~140kg) and one blue marlin (<i>Makaira nigricans</i> 150kg) was returned back to the LSPLV due to the total transhipped amount having exceeded the amount declared.
22	In addition to the ATF, the xxx also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the yellowfin tuna, bigeye tuna and blue marlin separately for catches within the EEZ of Cape Verde and the high seas catches.
23	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the yellowfin tuna and bigeye tuna separately for catches within the EEZ of Cape Verde and the high seas catches.
24	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the bigeye tuna separately for catches within the EEZ of Cape Verde and the high seas catches.
26	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018.
28	The fishing logbook pages were printed and bound, but the pages were not numbered. Figure 3 Logbook used by the xxx
38	The International Radio Call Sign (IRCS) on the starboard side of the xxx was not completely visible. The number "1" was worn and not visible. The IRCS was however also applied to the superstructure, but may not be visible at times due to the life raft and life ring having been mounted in front of the marking. Figure 4 Worn IRCS markings on the starboard side of the xxx

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A	N/A	N/A	N/A	N/A	N/A	N/A

No PNC reports were issued during the trip.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV retained cans, glass and plastic bottles on board while cardboard boxes, paper, plastics and packaging materials were incinerated.
Food waste was discarded at sea.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted and no non-ROP transshipments were observed during the voyage.

9.3 Marine mammals.

Dolphins were observed during the transshipments No.10 and No.27.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
13/04/2018	10:00 AM	08°30.26 S	006°59.564 E	Dolphins Unidentified species	In groups of 2, 3 or individual.	Swimming and searching.
06/05/2018	07:29 AM	09°51.192 N	025°02.983 W	Dolphins Unidentified species	In group of 6.	Swimming and searching.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 12 Non ROP Transhipments

No	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
1			03/04/2018	34.57 S	10.44 E	Dry Cargo.	Yes
2			09/04/2018	11.02 S	8.37 E	Fuel (150t) and dry cargo.	Yes
3			09/04/2018	11.00 S	8.38 E	Fuel (120t) and dry cargo.	Yes
4			09/04/2018	10.57 S	8.39 E	Fuel (80t) and dry cargo.	Yes
5			23/04/2018	6.24 S	22.15 W	Bait (5600 boxes) and dry cargo.	Yes
6			24/04/2018	7.37 S	22.42 W	Bait (2000 boxes) and dry cargo.	Yes
7			25/04/2018	5.56 S	19.22 W	Bait (2450 boxes) and dry cargo.	Yes
8			25/04/2018	5.28 S	19.45 W	Bait (4200 boxes) and dry cargo.	Yes
9			27/04/2018	0.56 S	20.59 W	Bait (3440 boxes) and dry cargo.	Yes
10			06/06/2018	18.46 S	8.09 E	Fuel (230t).	Yes
11			09/06/2018	29.05 S	8.57 E	Fuel (165t).	Yes

ICCAT

Observer Report



Trip Number:	216-18
Vessel Name:	Meita Maru
ICCAT Ref. No.	AT000LBR00002
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 18/04/2018 to: 09/06//2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line (Pty) Ltd and Capricorn Fisheries Monitoring (Pty) Ltd, Peter Johann Beets (ROP no. 152) joined the Liberia registered Carrier Vessel (CV) Meita Maru (RFMO No AT000LBR00002) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 18/04/2018 to 09/06/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna-like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Meita Maru	Call sign:	D5JO8
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL SA	Charterer:	Toei Reefer Line (Pty) Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2300 tonnes
Size (GRT):	3802	Length (LOA):	106.98
On-board acoustic equipment:	Tokimec Doppler Log TD-501		
Position fixing equipment:	JRC JLR-7700MKII GPS (X2) Tokyo Keiki R4 Navigation System (AIS) Samsung ROMU-3000A GPS		
Vessel monitoring system (present/absent):	Present CLS RS-232C		
Radar:	Tokyo Keiki ID-509 Marine radar (X2)		
Communications equipment:	JRC NCR-300A Navtex Receiver JRC NRE-63 Watch keeping Receiver JRC JHS-31 Marine VHF Radiotelephone Motorola GP328 Handheld Radios JRC NCH-700 MF/HF Controller JRC NDZ-800 Data Terminal JRC JAX-91 Facsimile Receiver JRC JUE-87 Inmarsat Receiver JRC JUE-95VM Inmarsat Receiver JRC NVA-1700MKII Public Addresser		
Plotters:	JRC NDC-1252 Colour Plotter		
Tuna products already on board (Quantity)	No		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	18/04/2018
Method of embarkation*	Portside
Date of departure	20/04/2018
Date of first transshipment	25/04/2018
Date of last transshipment	07/06/2018
Date when CV crossed over from ICCAT to IOTC area.	09/06/2018

Date of disembarkation	25/07/2018 The observer remained on board for the following IOTC deployment
Method of disembarkation	Transfer vessel in port
Port of return	Kaohsiung, Chinese Taipei

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 26 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

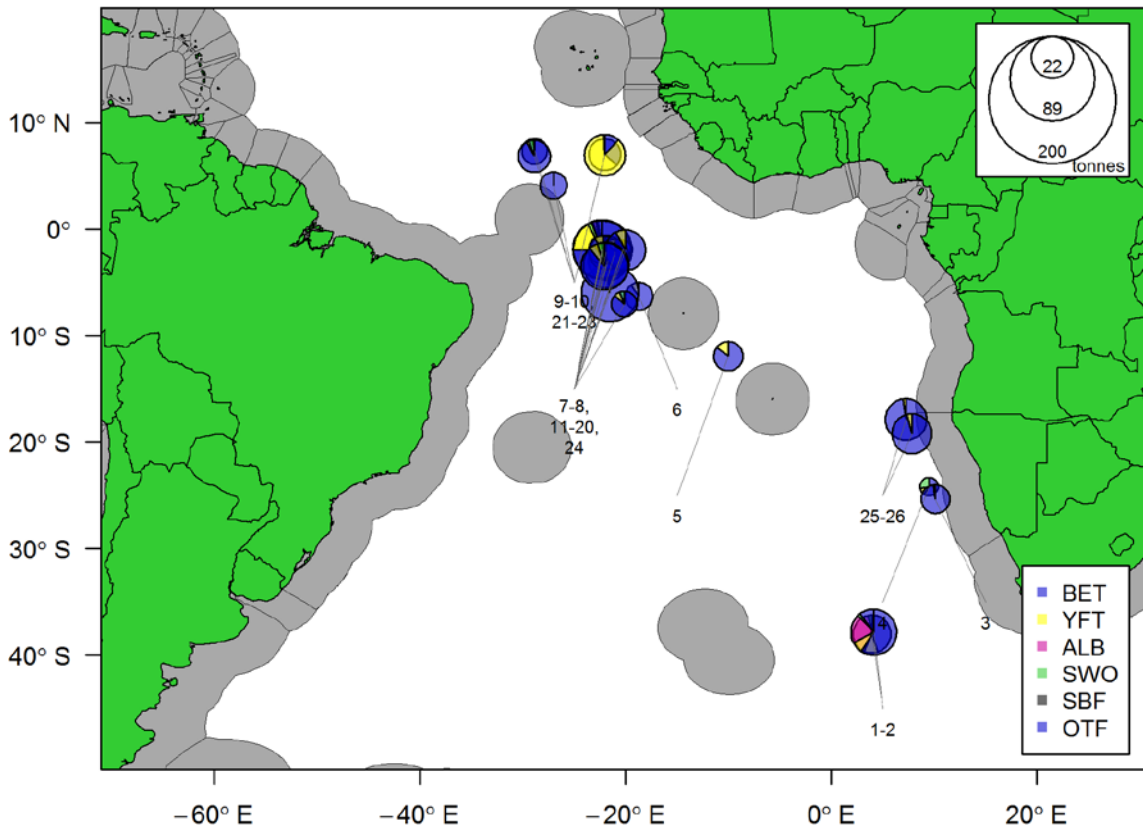


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	1
XXX	15
XXX	6
XXX	2
XXX	1

Comments:

The CV conducted 6 non-ICCAT transhipments of cargo while in the Atlantic Ocean. Further information of these cargo transhipment are provided in Table 10.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Latitude	Longitude	Transhipment time	% Observed
1				25/04/18	38°00.308 S	003°56.871 E	02:19	100.00%
2				25/04/18	37°49.668 S	004°07.813 E	03:35	100.00%
3				29/04/18	25°20.741 S	010°07.306 E	00:40	100.00%
4				30/04/18	24°10.544 S	009°30.129 E	01:10	100.00%
5				05/05/18	11°56.229 S	010°00.214 W	00:55	100.00%
6				07/05/18	06°18.843 S	018°41.678 W	00:55	100.00%
7				08/05/18	05°59.634 S	021°31.009 W	03:58	100.00%
8				09/05/18	03°00.07 S	021°42.407 W	02:16	100.00%
9				11/05/18	06°59.537 N	022°00.743 W	03:25	100.00%
10				11/05/18	06°56.118 N	022°00.97 W	04:08	100.00%
11				14/05/18	02°11.864 S	021°52.501 W	01:23	100.00%
12				15/05/18	01°57.904 S	022°11.662 W	01:11	100.00%
13				15/05/18	01°55.704 S	022°15.452 W	00:15	100.00%
14				15/05/18	01°54.755 S	022°17.489 W	00:20	100.00%
15				16/05/18	02°09.511 S	021°01.475 W	00:54	100.00%
16				17/05/18	01°58.616 S	020°01.004 W	02:30	100.00%
17				17/05/18	01°53.96 S	020°09.318 W	02:38	100.00%
18				17/05/18	01°51.109 S	020°15.063 W	03:40	100.00%
19				18/05/18	03°22.921 S	021°53.666 W	00:55	100.00%
20				19/05/18	03°30.237 S	022°02.918 W	00:55	100.00%
21				26/05/18	07°17.519 N	028°50.343 W	01:44	100.00%
22				27/05/18	06°49.985 N	028°52.135 W	02:13	100.00%
23				28/05/18	04°05.036 N	027°00.063 W	00:40	100.00%
24				31/05/18	07°01.995 S	020°07.961 W	00:57	100.00%
25				06/06/18	17°52.422 S	007°15.838 E	02:30	100.00%
26				07/06/18	19°12.788 S	007°50.143 E	03:43	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	9.778	0	16.953	0	0	26.124	0	26.124	26.731	0.61	2.27%
2	0	4.892	0	38.895	0.053	0.053	38.207	0.329	38.26	44.169	5.91	13.38%
3	0	16.541	0	0.624	0	0	17.123	0	17.123	17.165	0.04	0.24%
4	0	25.189	0	0.665	1.651	1.596	25.689	0	27.34	27.45	0.11	0.40%
5	0	19.029	0	0	0	0	19.146	0	19.146	19.029	-0.12	-0.61%
6	0	18.23	0	2.04	0	0	20.1	0	20.1	20.27	0.17	0.84%
7	0	84.271	0	1.714	0	0	83.568	0	83.568	85.985	2.42	2.81%
8	0	38	0	1.957	0	0	46.855	0	46.855	39.957	-6.90	-17.26%
9	0	69.424	0	18.26	1.981	0.967	94.457	2.407	96.438	92.508	-3.93	-4.25%
10	0	65	0	15	3.34	2	82.454	5.1	85.794	87.1	1.31	1.50%
11	0	30.688	0	0.588	0	0	31.276	0	31.276	31.276	0.00	0.00%
12	0	19.367	0	2.148	0	0	21.474	0	21.474	21.515	0.04	0.19%
13	0	6.85	0	0.941	0	0	7.874	0	7.874	7.791	-0.08	-1.07%
14	0	6.534	0	0.714	0	0	7.449	0	7.449	7.248	-0.20	-2.77%
15	0	15.367	0	1.975	0	0	17.38	0	17.38	17.342	-0.04	-0.22%
16	0	40	0	3.48	0	0	43.601	0	43.601	43.48	-0.12	-0.28%
17	0	50.667	0	2.403	2.055	2.055	46.187	0	48.242	55.125	6.88	12.49%
18	0	51.749	0	3.537	2.886	2.886	54.662	0	57.548	58.172	0.62	1.07%
19	0	14.899	0	1.423	1.021	1.021	16.489	0	17.51	17.343	-0.17	-0.96%
20	0	19.228	0	3.301	0	0	22.483	0	22.483	22.529	0.05	0.20%
21	0	44.02	0	1.17	0	0	45.366	0	45.366	45.19	-0.18	-0.39%
22	0	39.929	0	1.85	0	0	42.365	0	42.365	41.779	-0.59	-1.40%
23	0	5.219	0	1.065	3.515	2.467	7.802	0	11.317	8.751	-2.57	-29.32%
24	0	21.44	0	0.48	0	0	21.88	0	21.88	21.92	0.04	0.18%
25	0	16.952	0	4.608	1.072	1.132	27.529	0	28.601	37.841	9.24	24.42%
26	0	33.019	0	4.325	1.281	0.976	51.296	5.751	52.577	55.544	2.97	5.34%

Comments:

Transshipment 2:

String counts were very difficult for this transshipment due to very small fish being transhipped in large, bunched up strings. This may have contributed to the difference between declared weight and observer estimate exceeding 10%.

Transshipment 8:

The transshipment declaration for this transshipment was reduced from 49.957 tonnes to 39.957 tonnes. The reason for the change in declaration was unclear. The observer is confident in his estimate, which reflects a tonnage of 46.855 tonnes and was more representative of the original declaration.

Transshipment 17:

Despite the observer's estimate exceeding a 10% difference from the LSPLV's transshipment declaration during this transshipment, the observer experienced no difficulty during the transshipment process. The observer therefore has confidence in the accuracy of his independent estimate.

Transshipment 23:

The observer was confident that his independent estimate for this transshipment was representative of the actual volume transhipped, despite the large discrepancy between the total observed and the declared total.

Transshipment 25:

The observer estimate for this transshipment was very difficult due to the large number of albacore (*Thunnus alalunga*) present. This resulted in extremely bunched up strings mixed with at least two other species for the greater majority of the observation period. The observer believed this had contributed to the large difference between declared volumes and observed volumes.

Transshipment 26:

This transshipment included swordfish (*Xiphias gladius*) both in dressed and filleted form, even though the transshipment declaration only specified this species as dressed. It was very apparent that the fillets came from larger fish while the smaller fish were in dressed form. The observer decided to use the average declared weight per fish of dressed swordfish as the average weight per swordfish fillet as this appeared to be a reasonable estimate of the weight per fillet transhipped. Opah (*Lampris guttatus*) was classified as 'Other' on the transshipment declaration, but the observer specified the species in his estimate.

6 Species and weight transferred

The carrier vessel contained an undetermined amount of tuna products when the observer boarded as an in-port transshipment of tuna and tuna-like products to the carrier vessel was already underway while the observer boarded the vessel. A second in-port transshipment of tuna and tuna-like products was also made prior to departure while the vessel was in port. The total amount received from the in-port transshipment in Cape Town before the CV sailed amounted to 91.736t (Table 11).

The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	22.70	2.42%	28.07	2.94%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	7.88	0.84%	7.57	0.79%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	766.28	80.39%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	0.07	0.01%	0.06	0.01%
Mixed Tunas		All	881.81	94.04%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	1.91	0.20%	0.00	0.00%
Other fish Unclassified	N/A	All	3.75	0.40%	5.28	0.55%
Striped marlin	<i>Tetrapturus audax</i>	All	0.72	0.08%	0.69	0.07%
Swordfish	<i>Xiphias gladius</i>	All	18.86	2.01%	15.15	1.59%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	130.12	13.65%

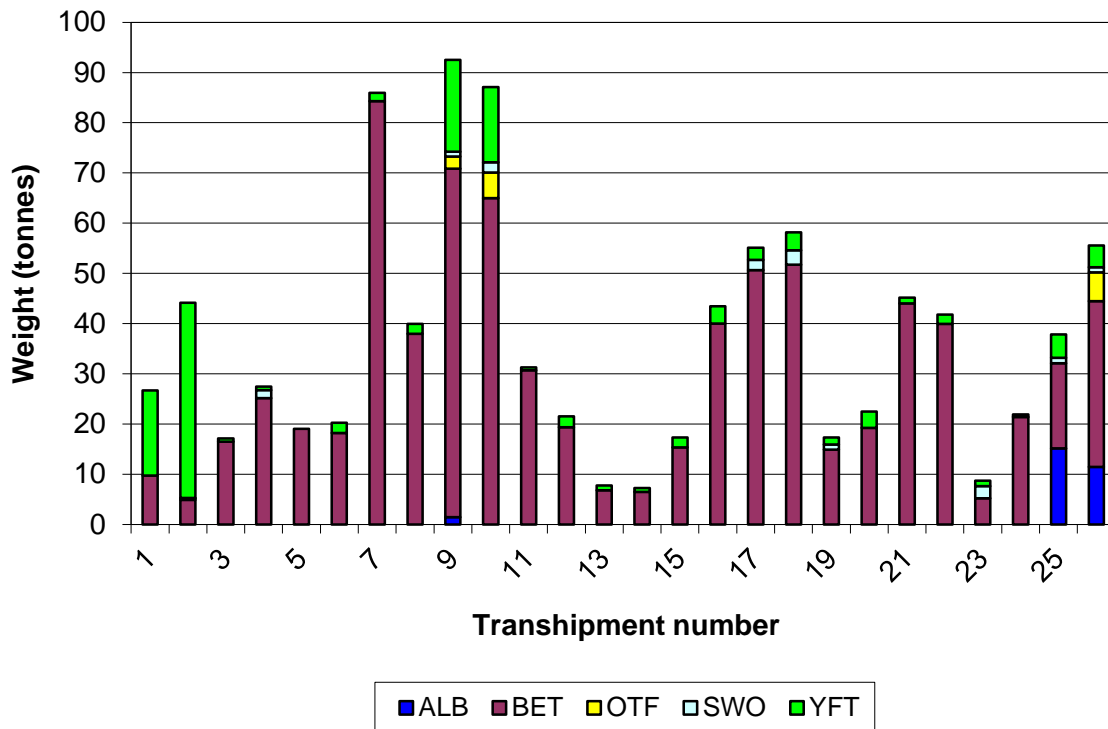


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.98
Atlantic blue marlin	<i>Makaira nigricans</i>	103.63
Bigeye tuna	<i>Thunnus obesus</i>	44.58
Marlins, sailfishes, etc.	<i>Istiophoridae</i>	11.00
Other fish	N/A	18.60
Striped marlin	<i>Tetrapturus audax</i>	32.62
Swordfish	<i>Xiphias gladius</i>	58.73
Yellowfin tuna	<i>Thunnus albacares</i>	34.80

Comments:

The majority of fish transhipped were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*T. albacares*). Due to the mixed nature of transhipments, both species were classified as mixed tuna (MIX).

Tonnages transhipped were estimated by independent observer counts as transhipments occurred, multiplied by the average weight per fish as obtained from tonnages and numbers of fish obtained from the LSPLV statistics. The LSPLV statistics were freely available to the observer with every transhipment. Observer estimates for all species were made using this method.

The only exception to this method was made during the final transhipment during which swordfish (*X. gladius*) fillets were transhipped. The swordfish fillets were not declared on the transhipment declaration. The observer decided to use the average mass per dressed swordfish to estimate the swordfish fillet tonnage. This decision was made

because it was clear that the fillets came from larger fish while the smaller fish were transhipped in dressed form. The average mass per fillet used also appeared to be a realistic mass based on the size of the fillets.

7 Southern bluefin tuna transhipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels.

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	25/04/18	Yes	Yes	Yes	Yes	Yes	08/06/18	Yes	Yes	Yes	Yes	Yes	PB	23/04/18
2			Yes	25/04/18	Yes	Yes	Yes	Yes	Yes	23/11/18	Yes	Yes	Yes	Yes	Yes	PB	25/04/18
3			Yes	29/04/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	28/04/18
4			Yes	30/04/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	30/04/18
5			Yes	05/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	04/05/18
6			Yes	07/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/05/18
7			Yes	08/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	07/05/18
8			Yes	09/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	08/05/18
9			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	10/05/18
10			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/07/23	Yes	Yes	Yes	Yes	Yes	PB	10/05/18
11			Yes	14/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	13/05/18
12			Yes	15/05/18	Yes	Yes	Yes	Yes	Yes	25/05/18	Yes	Yes	Yes	Yes	Yes	PB	14/05/18
13			Yes	15/05/18	Yes	Yes	Yes	Yes	Yes	22/05/18	Yes	Yes	Yes	Yes	Yes	PB	14/05/18
14			Yes	15/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	14/05/18
15			Yes	16/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	15/05/18
16			Yes	17/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/05/18
17			Yes	17/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/05/18
18			Yes	17/05/18	Yes	Yes	Yes	Yes	Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/05/18
19			Yes	18/05/18	Yes	Yes	Yes	Yes	Yes	07/10/18	Yes	Yes	Yes	Yes	Yes	PB	17/05/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
20			Yes	19/05/18	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	18/05/18
21			Yes	26/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	25/05/18
22			Yes	27/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	26/05/18
23			Yes	28/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	26/05/18
24			Yes	31/05/18	Yes	Yes	Yes	Yes	Yes	30/06/18	Yes	Yes	Yes	Yes	Yes	PB	30/05/18
25			Yes	06/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/06/18
26			Yes	07/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	06/06/18

*EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 7 Comments on LSPLV checks

No	Comments
1	The logbook was completed only up to 23/04/2018. The master of the LSPLV indicated the ship was steaming to the transshipment location.
9	The power light of the ARGOS VMS unit was not on. The captain said that the unit was turned off because the vessel's position could be tracked through Inmarsat-C. Figure 3 VMS unit fitted to the xxx
13	The ATF produced by the xxx was in the old format, but was still in date. Figure 4 ATF on board the xxx

24 | The ATF produced by the xxx was in French and the observer could not determine of the format was relevant or whether the area of operation was defined.

Figure 5 **ATF on board the xxx**

The observer made three (3) Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1	LND		
7			2	IIM		
9			3	VNL		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had a managed waste disposal system in place. Garbage was separated and colour coded in five different categories:

- Paper products (Blue)
- Plastic – only to be discharged in port (Yellow)
- Cans and bottles (Green)
- Food waste (Black)
- Other (Red)

Food waste was generally discharged at sea according to the guidelines set out in the MarPol regulations. Colour coded and labelled bins were provided at various locations throughout the ship. Waste was retained on board and discharged according to regulations whenever the vessel made port.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during this voyage.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
09/05/18	09:30	05°56.304'S	21°36.757'W	Common dolphin (<i>Delphinus delphis</i>)	+/- 50	Moving in a North-westerly direction.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Table 10 Non-ROP Transhipments

Vessel	RFMO Number	Date	Latitude	Longitude	Comments	Photo
		18/04/2018	33°55.011'S	18°26.139'E	Bunkering, bait and general cargo	No
		19/04/2018	33°55.011'S	18°26.139'E	Bunkering, bait and general cargo	Yes
		30/04/2018	24°05.099'S	09°25.047'E	Bunkering, bait and general cargo	Yes
		02/05/2018	16°58.518'S	05°58.949'E	Bunkering, bait and general cargo	Yes
		09/05/2018	03°22.113'S	21°49.707'E	Bunkering, bait and general cargo	Yes
		06/06/2018	17°54.721'S	07°17.523'E	Bunkering	Yes

Table 11 Non-ROP Transhipments – fish received in port

Vessel	RFMO Number	Date	Latitude	Longitude	BET	YFT	Total (t)
		18/04/18	33°55.011'S	18°26.139'E	19.383	30.512	49.895
		19/04/18	33°55.011'S	18°26.139'E	14.406	27.075	41.481

The first non-ROP transhipment was already underway as the observer arrived at the vessel for embarkation. It was interrupted due to persistent rain. This is why no photographs were taken of the vessel.

ICCAT

Observer Report



Trip Number:	217
Vessel Name:	Victoria II
ICCAT Ref. No.	AT000LBR00008
Observer Name:	Julio Ocon Rodriguez
Cruise Dates:	From: 30/04/2018 To: 03/06/2018

1 Cruise Summary

In accordance with the bilateral agreement between Navisa Maritime S.A. and MRAG Ltd, Julio Ocon Rodriguez (ROP no.165) joined the Liberia registered Carrier Vessel (CV) Victoria II (RFMO No AT000LBR00008) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/04/2018 to 03/06/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Victoria II	Call sign:	D5KD3
Port of registration:	Monrovia, Liberia	Flag State:	Liberia
Owner:	Navisa Maritime S.A.	Charterer:	Toei Reefer Line CO.LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4279 Cub m
Size (GRT):	2717 T	Length (LOA):	91.48 m
Vessel monitoring system (present/absent):	present		
Tuna products already on board (Quantity)	Yes (244.633 T) transhipped in Pacific Ocean.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Panama
Date of embarkation	30/04/2018
Method of embarkation*	Transfer vessel in port
Date of departure	01/05/2018
Date of first transhipment	11/05/2018
Date of last transhipment	21/05/2018
Date of return	03/06/2018
Date of disembarkation	03/06/2018
Method of disembarkation*	Transfer vessel
Port of return	Panama

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 7 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

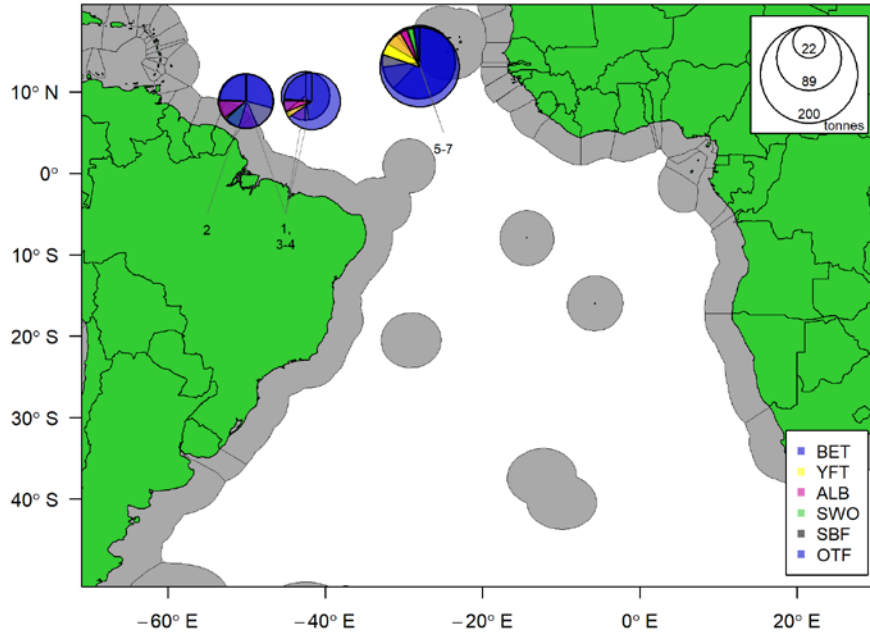


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	4
XXX	3

Comments:

No non ROP transhipment was performed during this voyage.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	11/05/2018	08°51.557 N	049°58.943 W	05:10	100
2				Yes	11/05/2018	08°51.629 N	050°06.4 W	04:25	100
3				Yes	14/05/2018	09°29.655 N	042°30.318 W	06:00	100
4				Yes	15/05/2018	08°49.887 N	041°40.983 W	05:00	100
5				Yes	19/05/2018	13°40.32 N	028°05.122 W	07:20	100
6				Yes	20/05/2018	13°36.861 N	028°07.452 W	07:45	100
7				Yes	21/05/2018	13°00.653 N	028°00.445 W	09:00	100

Comments:

During the deployment all transhipments were monitored and all LSTLVs were inspected.

Table 3 Summary of vessel / observer estimated figures (T)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	20.6	21.858	10	10.813	19.536	7.309	18.947	26.531	69.083	74.951	5.87	7.83
2	30.03	29.189	1.65	1.239	0	0	29.27	21.661	60.95	60.603	-0.35	-0.57
3	53	54.363	2	2.951	0.224	0.877	22.78	19.716	78.004	83.087	5.08	6.12
4	52	48.876	0.8	0.807	0.35	0.473	20.778	18.738	73.928	77.327	3.40	4.4
5	92.64	85.468	37.52	36.527	4.829	4.959	9.91	2.862	144.899	137.719	-7.18	-5.21
6	106.5	100.161	15.62	14.825	3.76	4.079	16.367	2.951	142.247	137.58	-4.67	-3.39
7	136.85	130.368	19.28	18.745	4.09	4.374	7.57	4.098	167.79	162.158	-5.63	-3.47

Comments:

There was no transshipment with a difference larger than 10% between the vessel and the observed figures (All weights are in T).

6 Species and weight transferred

The vessel contained 244.633 T of tuna products transhipped in Pacific Ocean when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transhipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species (kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	48100	6.53	46640	6.36
Albacore	<i>Thunnus alalunga</i>	S	15400	2.09	11960	1.63
Atlantic blue marlin	<i>Makaira nigricans</i>	All	8400	1.14	9160	1.25
Atlantic sailfish	<i>Istiophorus albicans</i>	All	5240	0.71	5560	0.76
Bigeye tuna	<i>Thunnus obesus</i>	All	491620	66.71	470280	64.12
Dolphinfish	<i>Coryphaena hippurus</i>	All	4480	0.61	6200	0.85
Oilfish	<i>Ruvettus pretiosus</i>	All	4680	0.63	10790	1.47
Opah	<i>Lampris guttatus</i>	All	3700	0.5	4140	0.56
Pomfret	<i>Brama brama</i>	All	29860	4.05	50500	6.89
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0	0	3370	0.46
Striped marlin	<i>Tetrapturus audax</i>	All	780	0.11	760	0.1
Swordfish	<i>Xiphias gladius</i>	N	13250	1.8	14760	2.01
Swordfish	<i>Xiphias gladius</i>	S	19540	2.65	7310	1
West African Spanish mackerel	<i>Scomberomorus tritor</i>	All	4990	0.68	6090	0.83
Yellowfin tuna	<i>Thunnus albacares</i>	All	86870	11.79	85910	11.71

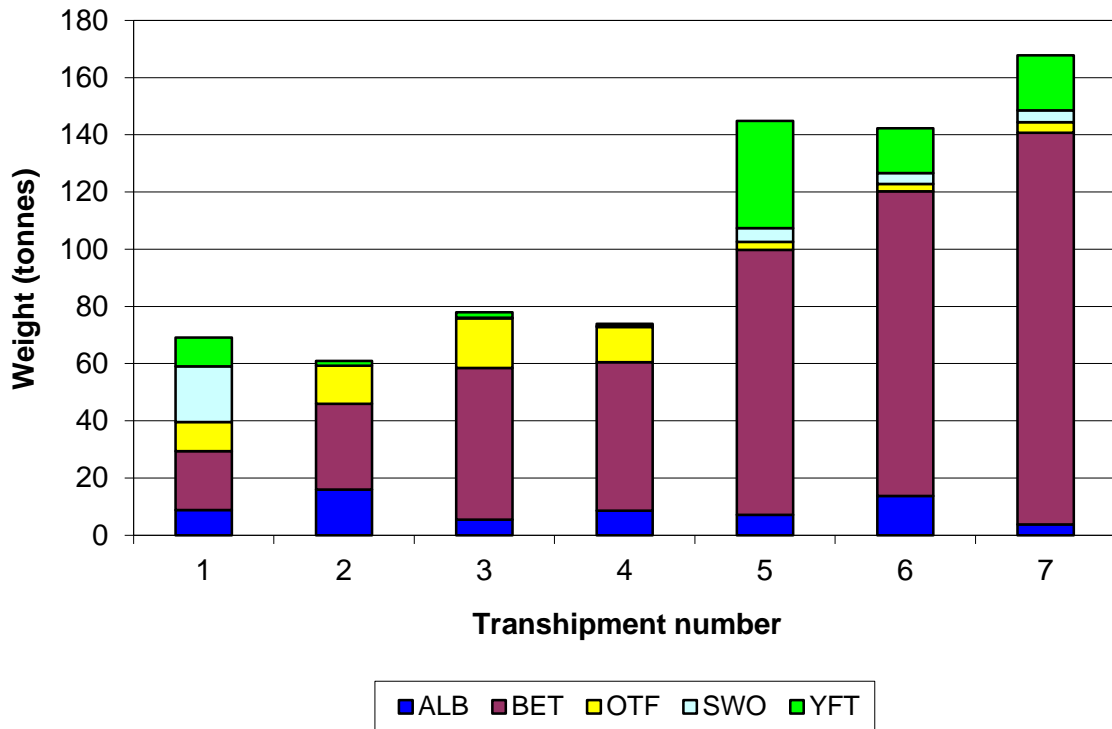


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21.17
Atlantic blue marlin	<i>Makaira nigricans</i>	92.26
Atlantic sailfish	<i>Istiophorus albicans</i>	18.72
Bigeye tuna	<i>Thunnus obesus</i>	37.48
Dolphinfish	<i>Coryphaena hippurus</i>	5.27
Oilfish	<i>Ruvettus pretiosus</i>	9.97
Opah	<i>Lampris guttatus</i>	10.98
Pomfret	<i>Brama brama</i>	4.69
Striped marlin	<i>Tetrapturus audax</i>	26.03
Swordfish	<i>Xiphias gladius</i>	37.78
West African Spanish mackerel	<i>Scomberomorus tritor</i>	10.44
Yellowfin tuna	<i>Thunnus albacares</i>	44.32

Comments:

All of these species were processed and frozen on board the LSTLV prior to transshipment to the CV.

Species transferred as round weight:

Albacore (*Thunnus alalunga*), Dolphinfish (*Coryphaena hippurus*) and Pomfret (*Brama brama*).

Species transferred as gilled and gutted product:

Bigeye tuna (*Thunnus obesus*) and Yellowfin tuna (*Thunnus albacares*)

Species transferred as dressed weight:

Atlantic blue marlin (*Makaira nigricans*), Atlantic sailfish (*Istiophorus albicans*), Oilfish (*Ruvettus pretiosus*), Opah (*Lampris guttatus*), Striped marlin (*Tetrapturus audax*), Swordfish (*Xiphias gladius*) and West African Spanish mackerel (*Scomberomorus tritor*).

The LSTLV provided total weight to transfer and number of fish of each specie. The observer obtained the average weight for each specie by dividing the LSTLV declared weight by the number of fish of each specie.

The estimated number of fish and the different species were calculated when the fish was transhipped from the LSTLV in strings or nets to the CV. The estimated total weight was calculated by multiplying the average weight of each species by the number of fish observed for that specie. Due to the difficulty in separating *Thunnus obesus* and *Thunnus albacares* during transshipments a combined number was taken and then divided by the same proportion as that declared by the LSTLV.

* In some transshipments the observer had to use his own average weight estimation for some species because just the total weight was provided by the LSTLV or because the average weight for fish observed was really different as the average weight obtained from the Transshipment Declaration.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	26/04/2018
2			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	05/05/2018
3			Yes	14/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	03/05/2018
4			Yes	15/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	14/05/2018
5			Yes	19/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	18/05/2018
6			Yes	20/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	17/05/2018
7			Yes	21/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	17/05/2018

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

The observer was accompanied during every inspection by the CV captain.

Table 9 **Comments on LSPLV checks**

No	Comments
05) xxx	Name on bow partially worn away. Figure 3 The name on bow was hard to read because it was partially worn away.
07) xxx	Name on stern obscured by rust. Figure 4 The name on stern was hard to read because it was obscured by rust.

The observer did not submit any Potential Non Compliance (PNC) reports, Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A						

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had posters around all the ship to inform about Marpol regulations. There were separate containers for organic and inorganic waste and also for glass and cans, which were retained to be discharged once arrived at port.



Figure 5: A waste disposal point onboard Victoria II.

In addition a barrel was used as incinerator to burn cardboard, paper and some plastic.



Figure 6: Burning some plastic in the incinerator.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the cruise.

9.3 Marine mammals.

No marine mammals were sighted during the cruise.

10 Health and Safety on board the CV

Nothing to report at this point.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	218/18
Vessel Name:	Ibuki
ICCAT Ref. No.	AT000PAN00163
Observer Name:	James Woodruff
Cruise Dates:	From: 27/05/2018 To: 24/07/2018

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and MRAG Ltd., James *Woodruff* (ROP no. 160) joined the Panama registered Carrier Vessel (CV) *Ibuki* (AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 27/05/2018 to 24/07/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition, when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Ibuki	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,902 MT
Size (GRT):	6,558 MT	Length (LOA):	134.15m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	181.480 MT		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	27/05/2018
Method of embarkation*	Portside
Date of departure	27/05/2018
Date of first transshipment	29/05/2018
Date of last transshipment	21/07/2018
Date of return	24/07/2018
Date of disembarkation	02/08/2018
Method of disembarkation*	Portside
Port of return	Port Louis, Mauritius

*(portside, transfer vessel in port, transfer vessel offshore)

The observer crossed into IOTC waters on 24th July 2018.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 47 transhipments at sea. The locations are shown in detail in (Figure 1).

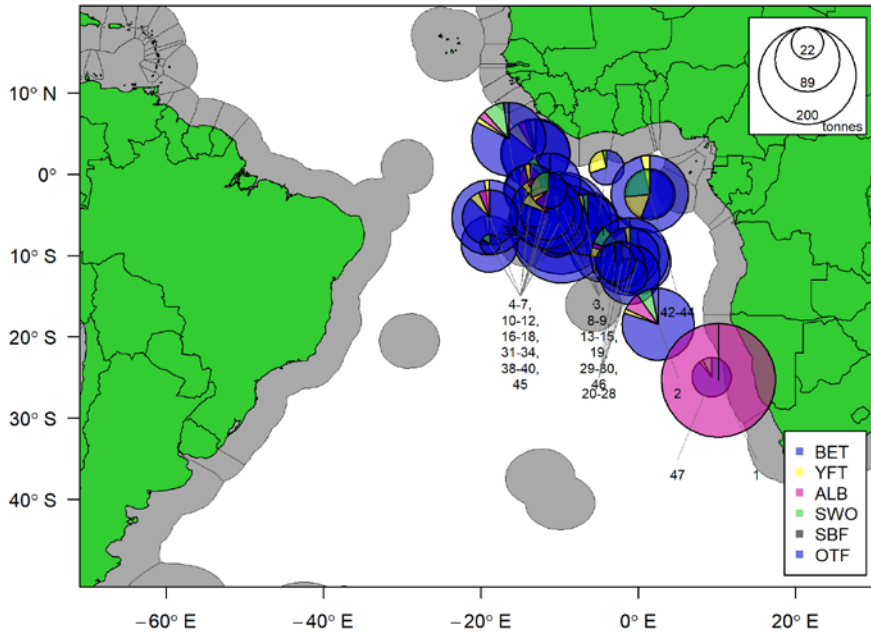


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	20
XXX	18
XXX	2
XXX	6
XXX	1

Comments:

No non ROP transhipments were performed during the deployment.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	29/05/2018	25°19.418 S	010°11.225 E	01:35	100
2				Yes	31/05/2018	18°27.082 S	002°30.829 E	03:55	100
3				Yes	03/06/2018	09°04.504 S	004°13.878 W	04:15	100
4				Yes	06/06/2018	01°07.972 S	011°11.465 W	06:00	100
5				Yes	07/06/2018	02°04.564 S	013°28.755 W	06:30	100
6				Yes	07/06/2018	01°57.178 S	013°45.196 W	03:10	100
7				Yes	09/06/2018	05°49.67 S	011°05.56 W	09:15	100
8				Yes	10/06/2018	04°28.276 S	009°34.771 W	02:05	100
9				Yes	11/06/2018	05°58.444 S	009°56.606 W	01:55	100
10				Yes	11/06/2018	05°53.868 S	010°00.39 W	03:10	100
11				Yes	12/06/2018	05°22.184 S	011°24.661 W	07:05	100
12				Yes	13/06/2018	07°37.509 S	010°23.815 W	01:50	100
13				Yes	14/06/2018	07°16.342 S	009°44.697 W	01:40	100
14				Yes	14/06/2018	07°13.386 S	009°51.058 W	03:10	100
15				Yes	15/06/2018	06°00.747 S	007°51.817 W	02:10	100
16				Yes	16/06/2018	04°46.869 S	011°32.631 W	02:30	100
17				Yes	16/06/2018	04°42.646 S	011°42.141 W	01:15	100
18				Yes	17/06/2018	04°49.459 S	011°28.125 W	01:20	100
19				Yes	19/06/2018	09°45.72 S	003°02.21 W	02:50	100
20				Yes	20/06/2018	10°50.712 S	002°56.227 W	05:00	100
21				Yes	21/06/2018	10°07.942 S	001°03.185 W	03:15	100
22				Yes	21/06/2018	10°06.814 S	001°06.27 W	03:25	100
23				Yes	22/06/2018	10°42.471 S	000°01.551 W	02:25	100
24				Yes	22/06/2018	10°40.352 S	000°03.422 W	01:50	100
25				Yes	23/06/2018	12°25.856 S	001°00.683 W	02:50	100
26				Yes	23/06/2018	12°19.659 S	001°03.879 W	05:45	100
27				Yes	24/06/2018	11°04.291 S	002°03.774 W	03:40	100
28				Yes	24/06/2018	10°58.825 S	002°10.038 W	04:35	100
29				Yes	26/06/2018	06°11.82 S	006°25.655 W	02:55	100
30				Yes	26/06/2018	06°04.044 S	006°33.213 W	03:15	100

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transshipment time	% Observed
31				Yes	29/06/2018	05°19.291 S	018°51.169 W	00:30	100
32				Yes	29/06/2018	05°18.14 S	018°56.61 W	01:00	100
33				Yes	30/06/2018	08°36.752 S	018°48.88 W	01:30	100
34				Yes	30/06/2018	08°34.841 S	018°55.291 W	05:25	100
35				Yes	03/07/2018	02°30.848 N	013°01.623 W	01:40	100
36				Yes	03/07/2018	02°33.842 N	013°03.886 W	03:20	100
37				Yes	04/07/2018	04°20.495 N	016°27.539 W	05:10	100
38				Yes	07/07/2018	06°07.272 S	010°05.627 W	00:40	100
39				Yes	07/07/2018	06°06.766 S	010°06.682 W	01:10	100
40				Yes	07/07/2018	06°06.19 S	010°08.013 W	03:15	100
41				Yes	09/07/2018	00°50.264 N	004°02.008 W	02:25	100
42				Yes	11/07/2018	02°27.368 S	001°28.051 E	01:20	100
43				Yes	11/07/2018	02°26.433 S	001°27.685 E	00:50	100
44				Yes	11/07/2018	02°24.901 S	001°27.176 E	01:30	100
45				Yes	14/07/2018	01°57.679 S	011°20.696 W	06:00	100
46				Yes	15/07/2018	05°06.791 S	008°46.88 W	01:00	100
47				Yes	21/07/2018	24°57.075 S	009°18.732 E	13:00	100

Comments:

Conditions permitted checks to be carried out on all LSPLVs; all transshipments were observed for their entire duration.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	15,304	15,159	5,775	5,733	0,903	0,86	0	0	21,982	21,752	-230	-1.06
2	80,084	80,405	2,39	2,39	0	0	0	0	82,474	82,795	321	0.39
3	67,041	74,215	4,421	4,888	0	0	9,9925	4,376	81,4545	86,601	5,147	5.94
4	75,904	80,47	2,036	2,152	7,976	9,054	5,295	2,266	91,211	97,291	6,080	6.25
5	60,465	65,648	2,635	2,874	7,534	9,019	8,89	3,258	79,524	86,144	6,620	7.68
6	65,884	69,72	1,815	1,91	0	0	2,023	0	69,722	73,723	4,001	5.43
7	137,412	145,108	5,446	5,775	33,142	36,982	0	0	176	187,865	11,865	6.32
8	37,605	37,934	4,685	4,732	0	0	0	0	42,29	42,666	376	0.88
9	49,944	50,758	0,844	0,844	0	0	0	0	50,788	51,602	814	1.58
10	82,437	88,9	2,017	2,2	2,9	2,9	0	0	87,354	94	6,646	7.07
11	125,961	128,436	12,448	12,691	33,427	34,372	0	0	171,836	175,499	3,663	2.09
12	33,995	35,969	0,38	0,418	0	0	0	0	34,375	36,387	2,012	5.53
13	35,187	36,891	3,586	3,783	1,361	1,663	0	0	40,134	42,337	2,203	5.20
14	56,327	60	4,102	4,351	1,752	1,947	0	0	62,181	66,298	4,117	6.21
15	44,54	47,56	1,589	1,675	2,352	2,962	0	0	48,481	52,197	3,716	7.12
16	31,378	30,084	1,822	1,729	3,727	3,383	0	0	36,927	35,196	-1,731	-4.92
17	24,507	23,393	0,816	0,765	3,542	3,732	0	0	28,865	27,89	-975	-3.50
18	30,066	29,846	1,486	1,486	0	0	0	0	31,552	31,332	-220	-0.70
19	42,423	44,547	1,407	1,47	2,068	3,282	14,536	5,634	60,434	66,468	6,034	9.08
20	66,152	74,221	2,856	3,209	0	0	17,747	3,877	86,755	86,901	146	0.17
21	46,598	48,011	1,644	1,679	0	0	0	0	48,242	49,69	1,448	2.91
22	53,954	58,177	1,978	2,14	0	0	0	0	55,932	60,317	4,385	7.27
23	51,499	55,286	1,646	1,758	0	0	0	0	53,145	57,044	3,899	6.84
24	40,795	43,094	1,8	1,92	0	0	0	0	42,595	45,014	2,419	5.37
25	56,141	58,884	2,451	2,553	0	0	0	0	58,592	61,437	2,845	4.63
26	96,053	98,456	2,134	2,193	0	0	0	0	98,187	100,649	2,462	2.45
27	57,321	60,844	2,309	2,436	0	0	0	0	59,63	63,28	3,650	5.77
28	80,779	82,602	2,621	2,678	0	0	8,464	2,719	91,864	93,594	1,730	1.85
29	45,846	47,883	3,045	3,171	0	0	3,161	0	52,052	54,738	2,686	4.91
30	40,208	41,805	3,053	3,158	0	0	5,597	0	48,858	51,568	2,710	5.26

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
31	6,363	5,773	0,146	0,146	0,724	1,093	0	0	7,233	7,012	-221	-3.15
32	14,616	14,985	0,945	0,984	7,543	7,3	0	0	23,104	23,269	165	0.71
33	38,092	37,5	1,5	1,5	0	0	0	0	39,592	39	-592	-1.52
34	107,796	103,051	4,219	4,023	0	0	0	0	112,015	107,074	-4,941	-4.61
35	25,327	25,427	8,113	8,165	12,397	12,159	0	0	45,837	45,751	-86	-0.19
36	62,636	63,408	8,97	9,063	5,3	5,36	0	0	76,906	77,831	925	1.19
37	77,616	80,733	4,191	4,362	8,733	8,733	16,306	11,954	106,846	107,901	1,055	0.98
38	15,786	16,161	0,857	0,886	0	0	0	0	16,643	17,047	404	2.37
39	30,556	31,321	0,792	0,792	4,829	4,134	0	0	36,177	36,247	70	0.19
40	55,882	60,51	1,715	1,857	0	0	0	0	57,597	62,367	4,770	7.65
41	58,143	60	3,862	4	0	0	0	0	62,005	64	1,995	3.12
42	35,421	37,37	0,206	0,206	0	0	0	0	35,627	37,576	1,949	5.19
43	20,647	20,983	0,522	0,522	0	0	0	0	21,169	21,505	336	1.56
44	26,016	27	0,385	0,385	0	0	0	0	26,401	27,385	984	3.59
45	72,9	74,606	1,875	1,906	6,096	6,389	8,956	2,801	89,827	93,142	3,315	3.56
46	23,945	24,818	0,699	0,699	2,176	2,176	0	0	26,82	27,693	873	3.15
47	0	0	0	0	0	0	209,454	0	209,454	233,143	23,689	10.16

Comments:

During the deployment products were transferred by two methods. When the primary method was used, strings were removed from the hold of the LSPLV by winch. They were then laid on deck ready for transfer to the CV. The second method involved strings being directly transferred from the hold of the LSPLV to the hold of the CV. Products were not first laid on deck when this method was used.

Although the products were laid on the deck of the LSTLV in transshipment 47 a 10.16% difference was still observed. This may be explained by consistently large strings decreasing accuracy of counts. It is also possible that stings were missed during this long transshipment which lasted 13 hours.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	2,179	0.07	2,555	0.08
Albacore	<i>Thunnus alalunga</i>	S	216,033	7.23	240,877	7.74
Albacore	<i>Thunnus alalunga</i>	Unk	37,289	1.25	46,192	1.49
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	41,998	1.41	23,832	0.77
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	1,347	0.05	0,556	0.02
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	1,222	0.04	1,416	0.05
Bigeye tuna	<i>Thunnus obesus</i>	All	2403,552	80.48	2497,952	80.31
Oilfish	<i>Ruvettus pretiosus</i>	All	8,278	0.28	8,661	0.28
Opah	<i>Lampris guttatus</i>	All	2,076	0.07	2,420	0.08
Swordfish	<i>Xiphias gladius</i>	N	40,308	1.35	42,405	1.36
Swordfish	<i>Xiphias gladius</i>	S	108,174	3.62	115,095	3.70
Yellowfin tuna	<i>Thunnus albacares</i>	All	124,234	4.16	128,257	4.12

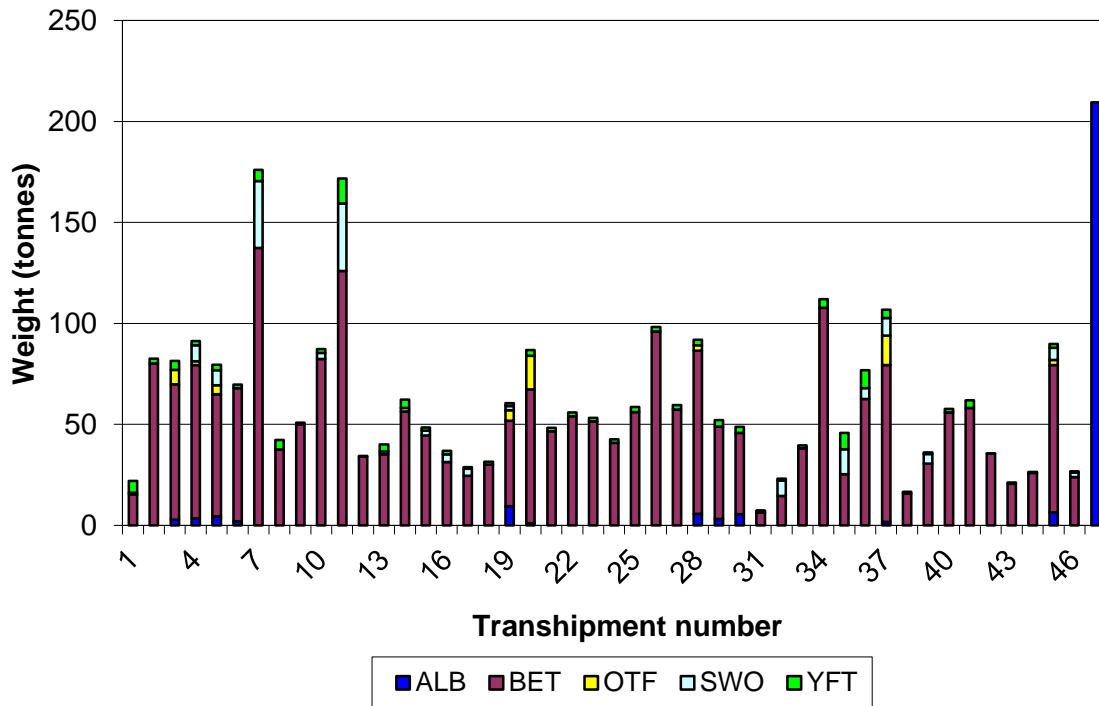


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	15.52
Atlantic blue marlin	<i>Makaira nigricans</i>	89.93
Atlantic sailfish	<i>Istiophorus albicans</i>	53.88
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	17.97
Bigeye tuna	<i>Thunnus obesus</i>	38.85
Oilfish	<i>Ruvettus pretiosus</i>	19.07
Opah	<i>Lampris guttatus</i>	14.83
Swordfish	<i>Xiphias gladius</i>	53.07
Yellowfin tuna	<i>Thunnus albacares</i>	36.27

Comments:

Products transhipped

The main species transferred were bigeye tuna (*Thunnus obesus*) (2,497.952T), albacore (*Thunnus alalunga*) (246.742T) and swordfish (*Xiphias gladius*) (157.500T) (Table 4.). Over 80% (233.143T) of the albacore transferred was in transshipment 47 (Figure 2). Yellowfin tuna (*Thunnus albacares*) was transferred during every transshipment, however quantities tended to be small, approximately 5% that of bigeye tuna on average. 23.832T of Atlantic blue marlin (*Makaira nigricans*) was transferred over six transshipments. Other species including, Oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*) and Atlantic Spanish mackerel (*Scomberomorus maculatus*) were also transferred in smaller quantities (Table 4.). All transshipments of these species were carried out by China P. R. flagged vessels.

The largest products transferred were billfishes such Atlantic blue marlin and swordfish with average Dressed Weights (DWT) of 89.93kg and 53.07kg respectively (Table 5). The smallest product transferred were opah with an average DWT of 14.83kg. The most transhipped product, yellowfin tuna, had an average weight of 38.85kg.

Bigeye and yellowfin tuna products were transferred Gilled and Gutted (GG). Albacore were transferred as Rounded Weight (RD) products. All other products were transferred Dressed (DR) with head, tail and fins removed.

When stocks could be determined, it was found that the majority of swordfish (73%) and almost all the albacore (99%) transferred were from the southern stocks (Table 4). Unfortunately, it was not possible to determine stocks for all transshipments due to difficulty in communication.

Weight and quantity estimations

No hook scale was present on the CV to determine string weights. Therefore, estimates were derived from the average weights of the declared values.

To distinguish between bigeye and Yellowfin tuna, observations of the fleshy protrusion at the posterior end of the stomach cavity were made when possible. However, this method was found to be impracticable to carry out identifications at the required rate. Therefore, in most cases the proportion of yellowfin tuna in the observed figures was estimated based on the proportion of yellowfin tuna in the declared figures. The number of yellowfin tuna was divided by total number of bigeye and yellowfin tuna declared by the LSTLV. The resulting number was multiplied by the total product counted. It was believed that this method resulted in more realistic estimates for yellowfin tuna and allowed greater focus to be maintained on count accuracy.

In the case of swordfish and albacore this method was also used to determine the proportion of observed product belonging to each stock.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	29/05/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	29-May-18
2			Yes	31/05/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	28-May-18
3			Yes	03/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	30-May-18
4			Yes	06/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	05-Jun-18
5			Yes	07/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	06-Jun-18
6			Yes	07/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	06-Jun-18
7			Yes	09/06/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	08-Jun-18
8			Yes	10/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	09-Jun-18
9			Yes	11/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10-Jun-18
10			Yes	11/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10-Jun-18
11			Yes	12/06/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PU	08-Jun-18
12			Yes	13/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	12-Jun-18
13			Yes	14/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	13-Jun-18
14			Yes	14/04/18	Yes	Yes	Yes	Yes	Yes	13/06/18	Yes	Y	Yes	Yes	Yes	PB	13-Jun-18
15			Yes	15/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	14-Jun-18
16			Yes	16/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	15-Jun-18
17			Yes	16/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	13-Jun-18
18			Yes	17/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	15-May-18
19			Yes	19/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	15-Jun-18
20			Yes	20/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	19-Jun-18
21			Yes	21/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	20-Jun-18
22			Yes	21/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	21-Jun-18
23			Yes	22/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	21-Jun-18
24			Yes	22/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	21-Jun-18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
25			Yes	23/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	22-Jun-18
26			Yes	23/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	22-Jun-18
27			Yes	24/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	24-Jun-18
28			Yes	24/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	23-Jun-18
29			Yes	26/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	20-Jun-18
30			Yes	26/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	25-Jun-18
31			Yes	29/06/18	Yes	Yes	Unk	Yes	Yes	10/07/18	Yes	Y	Yes	Yes	Yes	PB	15-Jun-18
32			Yes	29/06/18	Yes	Yes	Unk	Yes	Yes	30/06/18	Unk	Y	Yes	Yes	Yes	PB	28-Jun-18
33			Yes	30/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	29-Jun-18
34			Yes	30/06/18	Yes	Yes	Unk	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	29-Jun-18
35			Yes	03/07/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Unk	Y	Yes	Yes	Yes	PB	03-Jul-18
36			Yes	03/07/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Unk	Y	Yes	Yes	Yes	PB	03-Jul-18
37			Yes	04/07/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	03-Jul-18
38			Yes	07/07/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	07-Jul-18
39			Yes	07/07/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	07-Jul-18
40			Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	15/07/18	Yes	Y	Yes	Yes	Yes	PB	07-Jul-18
41			Yes	09/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	09-Jul-18
42			Yes	11/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10-Jul-18
43			Yes	11/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10-Jul-18
44			Yes	11/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	10-Jul-18
45			Yes	14/07/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Y	Yes	Yes	Yes	PB	13-Jul-18
46			Yes	15/07/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PU	15-Jul-18
47			Yes	21/07/18	Yes	Yes	Unk	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	19-Jul-18

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Comments.

Table 9 Comments on LSPLV checks

No	Comments
1	<p>XXX No clear ATT provided and PNC issued. Reply from the Ministry of Agriculture, Forestry, XXX stated ATT was present as a subsection of the TD for XXX vessels (Figure 3).</p> <p>Figure 3 TD of XXX indicating location of ATT</p>
6	<p>XXX Logbook pages not numbered (Figure 4) and PNC issued.</p> <p>Figure 4 Logbook of XXX with pages not numbered</p>
11	<p>XXX Logbook not bound and PNC issued. Logbook pages loose and held together in file (Figure 5, Figure 6).</p> <p>Figure 5 Unbound logbook of XXX Figure 6 Unbound logbook of XXX</p>
20	<p>XXX The letters 'NG' in FENG worn and not legible from distance (Figure 7). The Captain of the LSTLV stated the name would be repainted as soon as possible.</p> <p>Figure 7 Worn name markings on bow of Jin XXX</p>

25	<p>XXX Pages of logbook not numbered (Figure 8) and PNC issued.</p> <p>Figure 8 Logbook of Long Xing 625 with pages not numbered</p>
27	<p>XXX Pages of logbook not numbered (Figure 9, Figure 10) and PNC issued. Paper copy of ATF not available but it was observed on computer screen.</p> <p>Figure 9 Logbook of XXX with pages not numbered Figure 10 Logbook of XXX with pages not numbered</p>
29	<p>XXX Characters 'SP8' in callsign on port side worn but legible (Figure 11). No identifiable VMS unit was shown to the observer on the vessel, although a possible VMS aerial was seen on top of the bridge (Figure 12).</p> <p>Figure 11 Partially worn callsign on XXX Figure 12 Possible VMS aerial on XXX</p>
32	<p>XXX Logbook pages not numbered (Figure 13, Figure 14). PNC was not issued as this was overlooked. Authorised area of operations unclear and stated as (25/30/50) (Figure 15). ATT valid for one more day (expires 30/06/2018) (Figure 16).</p> <p>Figure 13 Logbook of XXX with pages not numbered Figure 14 Logbook of XXX with pages not numbered</p> <p>Figure 15 ATF of XXX showing unclear area of operations Figure 16 ATF of XXX showing expiry date one day from date of inspection</p>

35	XXX Authorised area of operations unclear and stated as 'ZEE RCL AU DELA DE DOUZE (12) MILLES MARIN' (Figure 17). Figure 17 ATF of XXX showing unclear area of operations
36	XXX Authorised area of operations unclear and stated as 'ZEE RCL AU DELA DE DOUZE (12) MILLES MARIN' (Figure 18). Figure 18 ATF of E XXX showing unclear area of operations
46	XXX Logbook not bound, PNC previously issued (02/06/2018).

The observer made 6 Potential Non-Compliance (PNC) reports summarised below in Table 10. PNC 21801 has been subsequently explained by the CPC and can be considered to be rescinded. In addition, for transshipment 2 (XXX) a PNC for unnumbered logbook pages was not issued as the observer realised the issue subsequently.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			21801	DNP		
6			21806	LNN		
11			21811	LNB		
20			21820	IIM		
25			21825	LNN		
27			21827	LNN		
29			21829	IIM		
32			21832	LNN		

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 19 Waste disposal mitigation measures M/V Ibuki.

Waste was stored on the starboard side, aft, for shore disposal. Waste storage facilities can be seen in Figure 20.

9.2 Unidentified or IUU vessels

No IUU activities were observed during the deployment.

9.3 Marine mammals.

No marine mammals were sighted during the deployment.

10 Health and Safety on board the CV

No Health and Safety concerns were observed.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

ICCAT

Observer Report



Trip Number:	219-18
Vessel Name:	MV Taisei Maru No15
ICCAT Ref. No.	IOTC008465
Observer Name:	Robert Cooper
Cruise Dates:	From: 12/06/2018 To: 09/08/2018

1 Cruise Summary

In accordance with the bilateral agreement between (Transshipment Vessel company name) and Capricorn Fisheries Monitoring, Robert Cooper (ROP No 147) joined the Japan registered Carrier Vessel (CV) Taisei Maru No15 (RFMO No 8465) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 12/06/2018 to 09/08/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	MV Taisei Maru No15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7 m³
Size (GRT):	4969 ton	Length (LOA):	124.25m
On-board acoustic equipment:	JRC JFE 570S		
Position fixing equipment:	2 x JRC JLR-7700MKII		
Vessel monitoring system (present/absent):	Present		
Radar:	1x JMA-9833SA / 1 x JMA-7700 Series		
Communications equipment:	MF/HF: JRC JSS-800 2 x VHF: JRC JHS-32A		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/06/2018
Method of embarkation*	Portside
Date of departure	12/06/2018
Date of first transshipment	18/06/2018
Date of last transshipment	06/08/2018
Date of return	09/08/2018
Date of disembarkation	09/08/2018
Method of disembarkation*	Portside
Port of return	Cape Town

*(portside, transfer vessel in port, transfer vessel offshore)

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 45 transshipments at sea, the locations are shown in detail in

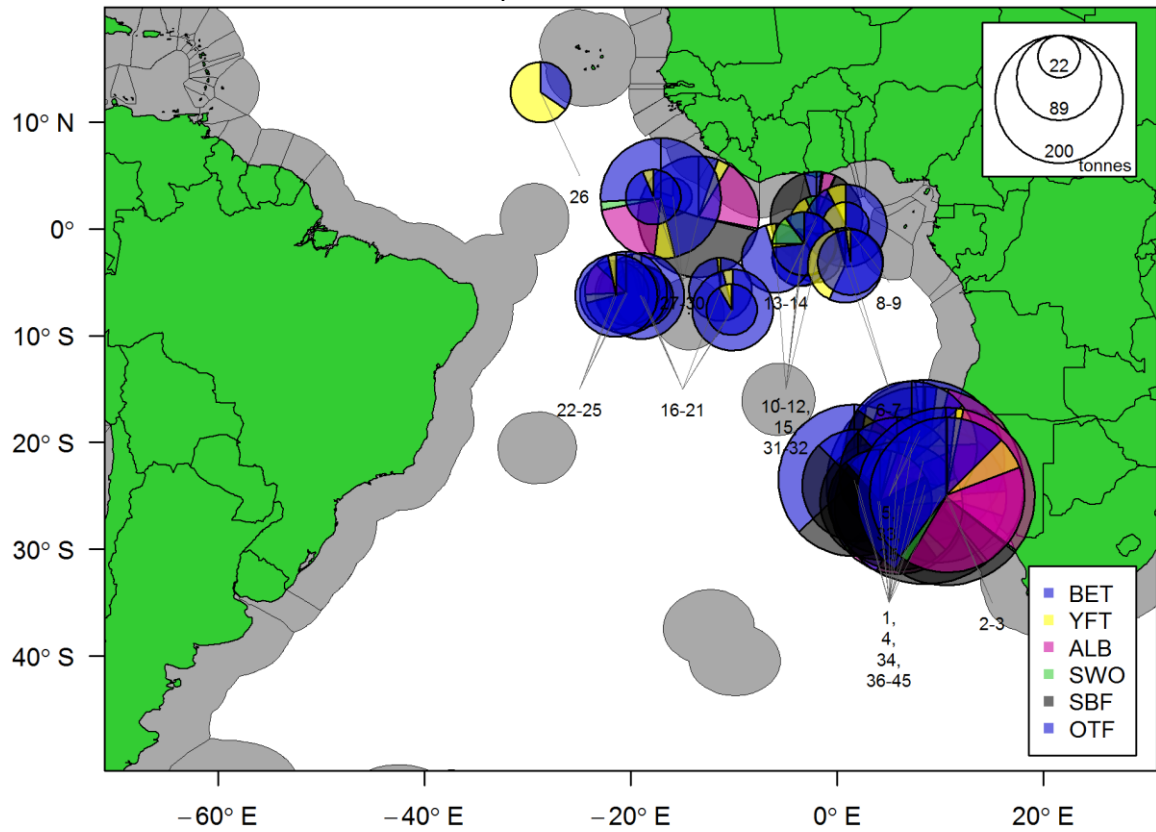


Figure 1. The numbers received by nationality of vessel are given in Table 1.

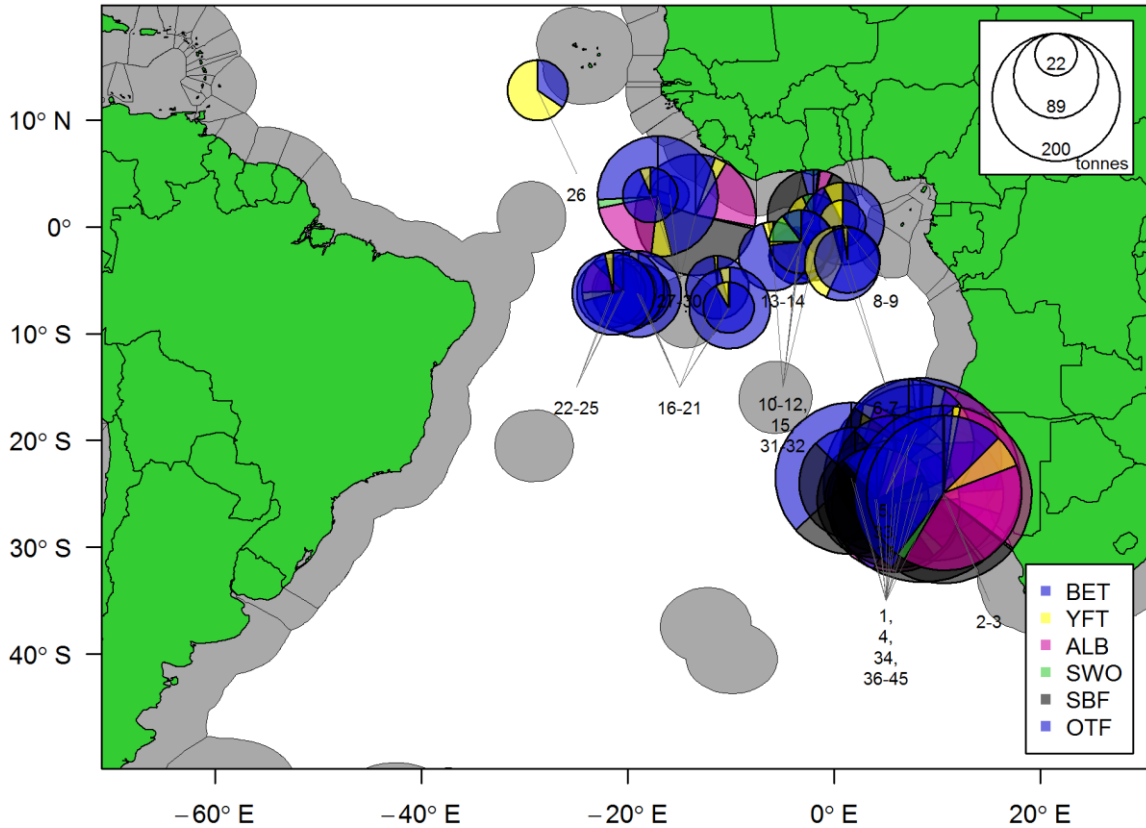


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	1
	25
	18

Comments: 18 non ROP transhipments were undertaken and are recorded in Table 12. It should be noted that the LSPLV Shun An No.6 was scheduled as a ROP transhipment and commenced accordingly. The transhipment of fish products was aborted by the CV when a noticeable smell of diesel was detected emanating from the product and reported to the captain of the CV. The entire consignment was deemed contaminated and all 8450 kilograms of product thus far transhipped was returned to the LSPLV. Thereafter the LSPLV took on fuel from the CV. The transhipment was therefore recorded as a non ROP.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				18/06/2018	24°59.77 S	008°30.03 E	Yes	02:55	100.00%
2				19/06/2018	25°02.5 S	010°31.09 E	Yes	01:09	100.00%
3				19/06/2018	24°54.29 S	010°38.82 E	Yes	00:45	100.00%
4				20/06/2018	21°43.26 S	008°20.2 E	Yes	05:29	100.00%
5				22/06/2018	18°51.96 S	007°59.32 E	Yes	04:16	100.00%
6				25/06/2018	03°24.42 S	000°44.65 E	Yes	01:28	100.00%
7				25/06/2018	03°07.18 S	001°15.99 E	Yes	03:04	100.00%
8				26/06/2018	00°18.64 N	000°50.24 E	Yes	00:50	100.00%
9				26/06/2018	00°19.85 N	000°49.22 E	Yes	01:42	100.00%
10				27/06/2018	02°42.016 S	001°59.447 W	Yes	01:02	100.00%
11				28/06/2018	02°46.593 S	003°31.519 W	Yes	01:38	100.00%
12				28/06/2018	02°41.207 S	003°35.355 W	Yes	01:11	100.00%
13				29/06/2018	01°02.63 N	002°01.07 W	Yes	01:29	100.00%
14				30/06/2018	00°38.55 N	002°03.11 W	Yes	01:42	100.00%
15				01/07/2018	02°44.81 S	005°56.753 W	Yes	01:53	100.00%
16				02/07/2018	05°39.94 S	011°20.117 W	Yes	01:40	100.00%
17				03/07/2018	07°35.404 S	010°07.87 W	Yes	01:51	100.00%
18				03/07/2018	07°33.235 S	010°13.981 W	Yes	02:17	100.00%
19				05/07/2018	06°22.799 S	018°47.157 W	Yes	01:52	100.00%
20				05/07/2018	06°16.871 S	018°59.526 W	Yes	00:58	100.00%
21				05/07/2018	06°13.586 S	019°08.028 W	Yes	01:06	100.00%
22				06/07/2018	06°00.781 S	020°20.741 W	Yes	02:04	100.00%
23				06/07/2018	05°57.873 S	020°29.201 W	Yes	01:20	100.00%
24				07/07/2018	06°15.306 S	021°24.989 W	Yes	03:14	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
25				07/07/2018	06°11.135 S	021°36.909 W	Yes	02:32	100.00%
26				14/07/2018	12°47.028 N	028°43.821 W	Yes	02:12	100.00%
27				17/07/2018	02°50.928 N	017°06.252 W	Yes	01:31	100.00%
28				17/07/2018	02°58.996 N	017°50.177 W	Yes	00:50	100.00%
29				18/07/2018	02°59.884 N	015°55.859 W	Yes	00:38	100.00%
30				19/07/2018	01°07.482 N	013°28.066 W	Yes	00:20	100.00%
31				21/07/2018	01°24.213 S	003°10.884 W	Yes	00:28	100.00%
32				21/07/2018	01°23.302 S	003°13.301 W	Yes	00:47	100.00%
33				25/07/2018	19°28.8 S	007°01.01 E	Yes	05:19	100.00%
34				26/07/2018	20°24.604 S	007°10.718 E	Yes	10:02	100.00%
35				27/07/2018	19°28.927 S	007°57.511 E	Yes	05:41	100.00%
36				29/07/2018	23°59.746 S	002°00.4 E	Yes	11:49	100.00%
37				30/07/2018	23°32.055 S	001°38.102 E	Yes	05:36	100.00%
38				31/07/2018	23°01.109 S	005°45.385 E	Yes	06:27	100.00%
39				02/08/2018	25°30.416 S	003°58.028 E	Yes	04:12	100.00%
40				02/08/2018	25°29.94 S	004°08.189 E	Yes	05:24	100.00%
41				03/08/2018	25°59.344 S	004°59.211 E	Yes	03:59	100.00%
42				04/08/2018	25°58.374 e	005°55.725 E	Yes	04:41	100.00%
43				04/08/2018	25°56.717 S	005°56.681 E	Yes	02:54	100.00%
44				05/08/2018	25°01.317 S	009°58.545 E	Yes	09:40	100.00%
45				06/08/2018	23°59.612 S	008°31.077 E	Yes	06:42	100.00%

Comments: Transshipments of fish products for all 45 transshipments were observed 100%. There were no interruptions.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	1.083	0	0.436	0.36	0.27	3.526	2.925	53.079	64.112	11.03	17.21%
2	0	14.145	0	5.585	1.415	1.47	18.923	0	20.338	21.2	0.86	4.07%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
3	0	9.055	0	2.205	0	0	10.609	0	10.609	11.26	0.65	5.78%
4	0	6.071	0	3.77	0.922	0.728	31.103	23.098	89.99	93.039	3.05	3.28%
5	0	52.912	0	6.402	3.684	2.752	75.537	29.593	79.221	91.659	12.44	13.57%
6	0	22.432	0	1.491	0	0	24.63	0	24.63	23.923	-0.71	-2.96%
7	0	49.343	0	4.126	0	0	53.075	0	53.075	53.469	0.39	0.74%
8	0	9.732	0	7.127	0	0	16.964	0	16.964	16.859	-0.11	-0.62%
9	0	10.001	0	18.889	0	0	28.693	0	28.693	28.89	0.20	0.68%
10	0	18.08	0	1.01	0	0	18.59	0	18.59	19.09	0.50	2.62%
11	0	23.413	0	0.79	0	0	26.162	0	26.162	24.203	-1.96	-8.09%
12	0	24.24	0	0.845	0	0	23.941	0	23.941	25.085	1.14	4.56%
13	0	11.6	0	17.4	3.6	3.1	28.891	0	32.491	32.1	-0.39	-1.22%
14	0	35.563	0	1.8	0	0	36.129	0	36.129	37.363	1.23	3.30%
15	0	23.008	0	0.549	4.523	4.72	26.025	3.17	30.548	31.447	0.90	2.86%
16	0	30.737	0	0.567	0	0	28.82	0	28.82	31.304	2.48	7.94%
17	0	49.656	0	2.189	0	0	49.34	0	49.34	51.845	2.51	4.83%
18	0	56.095	0	2.214	0	0	56.23	0	56.23	58.309	2.08	3.57%
19	0	27.95	0	1.35	0	0	27.114	0	27.114	29.3	2.19	7.46%
20	0	18.762	0	1.722	0	0	20.73	0	20.73	20.484	-0.25	-1.20%
21	0	26.999	0	1.046	0	0	26.966	0	26.966	28.045	1.08	3.85%
22	0	31.556	0	0.906	0	0	31.707	0	31.707	32.462	0.76	2.33%
23	0	36.532	0	0.77	0	0	36.866	0	36.866	37.302	0.44	1.17%
24	38.316	37.9	1.7	1.7	0	0	7.08	6.9	47.096	46.5	-0.60	-1.28%
25	0	51.765	0	1.755	0	0	51.501	0	51.501	53.52	2.02	3.77%
26	0	25.12	0	17.178	0.191	0.191	43.296	1.539	43.487	44.028	0.54	1.23%
27	0	33	0	0.8	0	0	33.24	0	33.24	33.8	0.56	1.66%
28	0	23.968	0	2.132	0	0	17.508	0	17.508	26.1	8.59	32.92%
29	0	14.709	0	2.959	0	0	18.055	0	18.055	17.668	-0.39	-2.19%
30	0	7.4	0	2.4	0	0	9.743	0	9.743	9.8	0.06	0.58%
31	0	9.623	0	1.608	0	0	10.937	0	10.937	11.231	0.29	2.62%
32	0	9.351	0	4.9	0	0	14.53	0	14.53	14.251	-0.28	-1.96%
33	0	35.032	0	8.505	2.353	1.693	87.163	50.98	89.516	96.21	6.69	6.96%
34	0	107.251	0	10.733	4.725	2.557	199.116	3.273	203.841	207.182	3.34	1.61%
35	0	33.088	0	8.407	6.082	3.336	83.083	47.788	89.165	92.619	3.45	3.73%
36	0	5.581	0	6.174	2.404	2.404	179.396	128.807	181.8	199.732	17.93	8.98%
37	0	4.771	0	4.438	1.008	1.218	120.942	66.976	121.95	134.362	12.41	9.24%
38	0	19.187	0	13.88	3.29	2.069	111.62	21.104	114.91	115.924	1.01	0.87%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
39	0	15.656	0	4.422	2.886	1.669	92.876	13.713	95.762	95.437	-0.33	-0.34%
40	0	8.458	0	5.461	3.97	1.857	85.481	12.242	89.451	88.021	-1.43	-1.62%
41	0	14.387	0	4.9	2.796	1.502	88.399	12.269	91.195	93.148	1.95	2.10%
42	0	22.969	0	7.849	3.933	3.933	101.488	17.673	105.421	112.685	7.26	6.45%
43	0	3.041	0	1.495	0.498	0.498	73.135	9.818	73.633	74.893	1.26	1.68%
44	0	4.504	0	3.383	1.077	1.077	165.226	100.353	166.303	168.647	2.34	1.39%
45	0	23.336	0	13.027	5.548	3.348	102.372	75.107	107.92	114.818	6.90	6.01%

Comments: Transhipments 1, 5 and 28 all exceed 10% difference between the observed weight and the declared weight. Transhipment 1 was most likely due to the observer being out of practice.

In Transhipment 5 the smaller big eye tuna (*Thunnus obesus*) and yellow fin tuna (*Thunnus albacares*) specimens were masked by the large numbers of albacore (*Thunnus alalunga*) in the strings and was therefore very difficult to count.

The discrepancy for Transhipment 28 was a result of the difference in the declaration amount between the LSPLV document and the Transhipment Declaration (TD). The LSPLV declared on inspection an amount of 17.299 tons to be transhipped from a total of 26.802 tons on board. The TD declared the amount of 26.802 tons as the amount transhipped. This discrepancy was queried by the observer at the time of signing of the TD and he was informed by the First Officer that the matter would be dealt with by the CV Company. In reality the amount recorded by the CV scale was 17.480 tons which was very close to the LSPLV declaration of 17.299 tons.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	Mix	223.21	8.59%	235.80	8.69%
Albacore	<i>Thunnus alalunga</i>	N	0.10	0.00%	0.10	0.00%
Albacore	<i>Thunnus alalunga</i>	S	290.26	11.17%	305.62	11.26%
Atlantic blue marlin	<i>Makaira nigricans</i>	Ind	0.18	0.01%	0.44	0.02%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1.42	0.05%	1.42	0.05%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	19.29	0.74%	19.82	0.73%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Ind	0.34	0.01%	0.59	0.02%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Mix	0.31	0.01%	0.34	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.01	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	38.32	1.47%	1089.79	40.16%
Bigeye tuna	<i>Thunnus obesus</i>	Mix	0.00	0.00%	9.28	0.34%
Black marlin	<i>Makaira indica</i>	Ind	0.16	0.01%	0.24	0.01%
Black marlin	<i>Makaira indica</i>	S	0.06	0.00%	0.06	0.00%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	47.78	1.84%	51.32	1.89%
Dolphinfish	<i>Coryphaena hippurus</i>	Ind	0.27	0.01%	0.33	0.01%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.13	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Ind	0.04	0.00%	0.27	0.01%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.08	0.00%
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	Ind	1.37	0.05%	0.00	0.00%
Mixed Tunas		All	1616.05	62.18%	0.00	0.00%
Mixed Tunas		Mix	186.63	7.18%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	Mix	2.94	0.11%	3.27	0.12%
Opah	<i>Lampris guttatus</i>	S	1.18	0.05%	1.19	0.04%
Opah	<i>Lampris guttatus</i>	SE	3.56	0.14%	3.71	0.14%
Other fish Unclassified	N/A	Mix	0.54	0.02%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Ind	0.00	0.00%	0.90	0.03%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.00	0.00%	0.51	0.02%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.61	0.02%	0.61	0.02%
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.19	0.01%	0.19	0.01%
Skipjack tuna	<i>Katsuwonus</i>	Mix	0.13	0.01%	0.19	0.01%

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
	<i>pelamis</i>					
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	107.16	4.12%	651.88	24.03%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	0.00	0.00%	83.37	3.07%
Striped marlin	<i>Tetrapturus audax</i>	Ind	0.05	0.00%	0.09	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NW	0.02	0.00%	0.02	0.00%
Striped marlin	<i>Tetrapturus audax</i>	S	0.03	0.00%	0.03	0.00%
Striped marlin	<i>Tetrapturus audax</i>	SE	0.07	0.00%	0.07	0.00%
Swordfish	<i>Xiphias gladius</i>	Mix	4.49	0.17%	4.70	0.17%
Swordfish	<i>Xiphias gladius</i>	N	0.19	0.01%	0.19	0.01%
Swordfish	<i>Xiphias gladius</i>	S	50.59	1.95%	35.50	1.31%
Yellowfin tuna	<i>Thunnus albacares</i>	All	1.70	0.07%	203.47	7.50%
Yellowfin tuna	<i>Thunnus albacares</i>	Med	0.00	0.00%	3.38	0.12%
Yellowfin tuna	<i>Thunnus albacares</i>	Mix	0.00	0.00%	4.44	0.16%

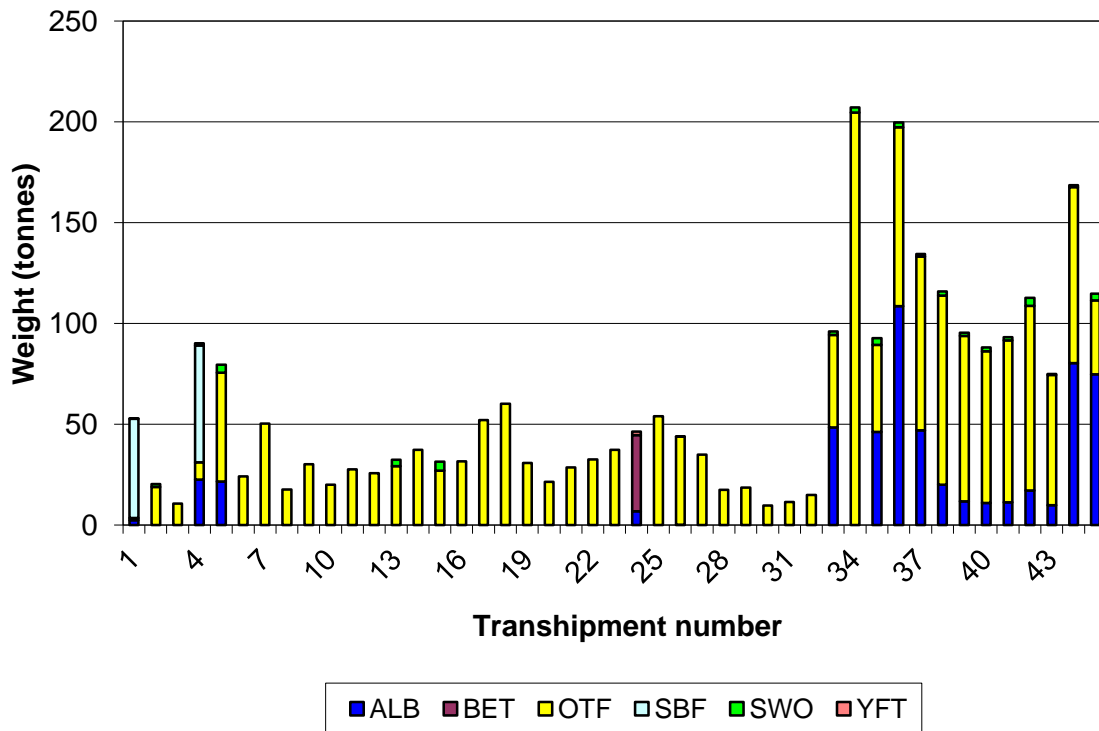


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.86
Atlantic blue marlin	<i>Makaira nigricans</i>	133.02
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	12.71
Bigeye tuna	<i>Thunnus obesus</i>	41.51
Black marlin	<i>Makaira indica</i>	72.67
Butterfly kingfish	<i>Gasterochisma melampus</i>	16.78

Common Name	Scientific name	Average weight (kg)
Dolphinfish	<i>Coryphaena hippurus</i>	6.73
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	19.00
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	22.85
Mixed Tunas		45.41
Opah	<i>Lampris guttatus</i>	9.45
Other fish Unclassified	N/A	8.25
Shortfin mako	<i>Isurus oxyrinchus</i>	75.75
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.64
Southern bluefin tuna	<i>Thunnus maccoyii</i>	52.12
Striped marlin	<i>Tetrapturus audax</i>	32.60
Swordfish	<i>Xiphias gladius</i>	55.60
Yellowfin tuna	<i>Thunnus albacares</i>	43.59

Comments:

All *Thunnus maccoyii*, *Thunnus obesus* and *Thunnus albacares* were observed and recorded as gilled and gutted. All other tunas, such as *Thunnus alalunga* and *Katsuwonus pelamis* were observed and recorded as round. Billfish species i.e. *Tetrapturus audax*, *Makaira nigricans*, *Makaira indica*, *Istiophorus* and *Tetrapturus angustirostis* were observed and recorded as both gilled, gutted and dressed. *Gasterochisma melampus*, *Scomberomorus maculatus*, *Lampris guttatus* and other fish (Unclassified) were observed and recorded as dressed. *Xiphias gladius* was observed and recorded as both fillets and dressed and *Isurus oxyrinchus* as fillets only.

For all the Japanese flagged LSPLVs the product was lifted directly from the hold of the vessel into the hold of the CV. For all other LSPLVs, the method of transhipment was a mixture of both directly from the LSPLV hold, or from the deck of the LSPLV to the CV trolley. Cargo nets were employed to tranship on the occasions when *T alalunga* were numerically dominant and often for the last few loads of multi species transhipments. Single species strings were counted, using thumb counters, once (from top down) as the string lifted from the LSTLV hold and again from the bottom up as the string approached the CV hold. Cargo nets were settled on the hatch cover of the CV for species identification and counting before being transferred to the CV hold.

The CV recorded the weight of each string/cargo net using a digital hanging scale with a resolution of 1 kilogram.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				YES	18/06/18	24°59S	8°30E	2hr 55min	100
4				YES	20/06/18	21°43S	8°20E	6hr 09min	100
34				YES	26/07/18	20°24S	7°10E	10hr 14min	100
36				YES	29/07/18	23°59S	2°00E	12hr 3min	100
37				YES	30/07/18	23°32S	1°38E	5hr 51min	100
38				YES	31/07/18	23°01S	5°45E	6hr 26min	100
39				YES	02/08/18	25°30S	3°58E	4hr 21min	100
40				YES	02/08/18	25°29S	4°08E	5hr 38min	100
41				YES	03/08/18	25°59S	4°58E	4hr 9 min	100
42				YES	04/08/18	25°59S	4°58E	4hr 52min	100
43				YES	04/08/18	25°56S	5°56E	2hr 54min	100
44				YES	05/08/18	25°01S	9°58E	9hr 51min	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	1135		0001 - 1135
4	9	1143		0001 - 1143
34	9	1687		0001 - 1687
36	9	1121		0001-1121
36	15	11		1121-1132
37	9	1141		0001-1141
37	15	1		1142
38	9	1160		0001-1160
39	9	1091		0001-1091

40	9	1142		0001-1142
41	9	1185		0001-1185
42	9	1176		0001-1176
43	9	1229		0001-1229
44	9	1141		0001-1141
44	15	66		1142-1207

Comments:

All the LSPLVs listed in table 6 completed the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Forms to declare the transshipment of this species. In addition, all the *T. Maccoyii* were tagged with a tag which reflected the serial number listed in the catch tagging forms.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	18/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	17/06/18
2			Yes	19/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	19/06/18
3			Yes	19/06/18	Yes	Yes	Unk	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	17/06/18
4			Yes	20/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	19/06/18
5			Yes	22/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	21/06/18
6			Yes	25/06/18	Yes	Yes	Unk	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	24/06/18
7			Yes	25/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	24/06/18
8			Yes	26/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	24/06/18
9			Yes	26/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	23/06/18
10			Yes	27/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	27/06/18
11			Yes	28/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	27/06/18
12			Yes	28/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	27/06/18
13			Yes	29/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	28/06/18
14			Yes	30/06/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/06/18
15			Yes	01/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	30/06/18
16			Yes	02/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	02/07/18
17			Yes	03/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	02/07/18
18			Yes	03/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	03/07/18
19			Yes	05/07/18	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	04/07/18
20			Yes	05/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	05/07/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
21			Yes	05/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	04/07/18
22			Yes	06/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/07/18
23			Yes	06/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	05/07/18
24			Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	06/07/18
25			Yes	07/07/18	Yes	Yes	Yes	Yes	Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	PB	06/07/18
26			Yes	14/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	13/07/18
27			Yes	17/07/18	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Yes	Yes	Yes	Yes	PB	16/07/18
28			Yes	17/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/07/18
29			Yes	18/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	17/07/18
30			Yes	19/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	18/07/18
31			Yes	21/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/07/18
32			Yes	21/07/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/07/18
33			Yes	25/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	24/07/18
34			Yes	26/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	25/07/18
35			Yes	27/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	26/07/18
36			Yes	29/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	28/07/18
37			Yes	30/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	29/07/18
38			Yes	31/07/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	30/07/18
39			Yes	02/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	01/08/18
40			Yes	02/08/18	Yes	No	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	01/08/18
41			Yes	03/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	02/08/18
42			Yes	04/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	03/08/18
43			Yes	04/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	03/08/18
44			Yes	05/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	04/08/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
45			Yes	06/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/08/18

*EL – Electronic, PB – Printed and Bound, PU – Printed and Unbound, UB – Unprinted and Bound, UU – Unprinted and Unbound

Table 9 Comments on LSPLV checks

No	Comments
15	The LSPLV was fitted with 2 Thrane & Thrane VMS units (labelled A & B). The power to the unit marked B was switched on while the other unit was switched off while the on-board checks were made.
19	The LSPLV only had the most recent ATF in a Chinese format which was valid until 18/09/2018. The old format ATF was up to date until 17/9/2019.
25	The xx did not have the most up to date ATF format on board. The older format ATF was still in date up to 13/03/2020.
27	The LSPLV had the old format of the ATF as well as and the new format in Chinese. The old format ATF was in date until 19/01/2020.
36	The logbook used by the LSPLV was the Mozambique format in (Electronic and hard copy) and not the Japanese flag state format. The observer specifically asked the master to see the flag state logbook but was told the ship only had the Mozambique logbook. The chief officer of the CV accompanied the observer and there was therefore no language misunderstanding. Figure 3 Logbook in use on board the xxx
40	The International Radio Call sign (IRCS) on the starboard side of the LSPLV had lost the first two letters i.e. JE. The observer brought this to the attention of the LSPLV captain, who acknowledged the problem. He explained that the two boards had been shattered during fishing operations at sea and they were unable to repair the damage until alongside in port. All other identification signage was in order. No PNC was issued. Figure 4 IRCS markings of the xxx

The observer made 0 Potential Non Compliance (PNC) reports.

9 Other Observer Tasks.

9.1 CV waste disposal

Disposal of on board material waste was managed according MARPOL regulations. Both sufficient signage (Figure 5) and waste disposal containers were visible and available.



Figure 5 MARPOL signage on board the CV

Waste paper is accumulated in bins and incinerated daily (Figure 6).



Figure 6 Incinerator in use

Plastic, tins, bottles, cooking oil and operational waste are accumulated in black bags housed in drums on boat deck aft. Full bags are removed and stored in a paint store on starboard side aft and removed ashore in port (St Vicente and Cape Town).

Waste food was accumulated in the galley and macerated before being disposed of overboard.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the voyage.

9.3 Marine mammals.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
16/06/2018	16:10	31° 45 S	07° 30 E	Possible Fin Whale	2	Animals about 1 nm from vessel. Only blows noted. Both animals blew 4 times, about 30 sec between each blow. Blows tall, slim and vertical. Moving from N to S. Not observed again after 4mins from first sighting.
24/06/2018	10:32	7° 43 S	2° 51 E	Unknown	± 6	Surface splashes observed with naked eye ± 1nm ahead. Observation with binoculars noted further splashes and breaching of about 6 dolphins clear of the water. Sun behind animals, silhouette showed beak and falcate shaped dorsal fins, no colour or markings. Total sighting time < 1 minute.
25/06/2018	17:45	2° 33 S	1° 09 E	Common Dolphin (<i>Delphinus delphis</i>)	± 50	Vessel steaming N @ 15 kt. Dolphins sighted ahead of vessel and moving S past vessel. School appeared to be travelling. Frequent jumps and 2 incidents of spinning. Observed 2 animals turn to approach vessel but did not bow ride. Sighting lasted 4 minutes.
01/07/2018	13:37	0° 49 N	2° 36 W	Bryde's Whale (<i>Balaenoptera spp.</i>)	1	3 hazy, upright blows noted. Time between blows 20 seconds to 2 minutes. Dive sequence – blow disappeared before strongly falcate shaped dorsal fin appeared. No head or fluke noted. Animal moved rapidly from 100 m to 1000 m from vessel within the 3 blow period.
11/07/2018	16:40	14° 34 N	26° 52 W	Common Dolphin (<i>D. delphis</i>)	± 50	School observed for 10 minutes until out of sight. Animals travelling in northerly direction on Port side of vessel. Numbers difficult to estimate as the school was spread over a wide area. Recorded leaping clear of the water, up to 5 animals at a time. 2 recorded doing acrobatics.

15/07/2018	11:07	8° 50 N	24° 31 W	Common Dolphin (<i>D. delphis</i>)	± 30	Sighted ±1 nm on port side. Observed for 4 minutes until out of sight. Animals travelling in northerly direction. Recorded leaping clear of the water, up to 3 animals at a time. 1 recorded doing acrobatics.
17/07/2018	12:55 – 13:23	8° 50 N	24° 31 W	Bottlenose dolphin (<i>Tursiops truncatus</i>)	± 10	First noted by CV captain during transshipment with LSPLV (±5 animals). School remained in and around vessels for duration of transshipment. At conclusion of transshipment and as the LSPLV departed observer noted ±10 animals as they moved off in direction taken by LSPLV. 1 animal performed a backflip showing paler belly and beak.
18/07/2018	07:53	2° 55 N	16° 00 W	Sperm whale (<i>Physeter microcephalus</i>)	1 x adult 1 x calf	Huge splash observed 1500m with naked eye. Binocular observations noted 2 more huge splashes caused by large mustard coloured whale. No distinguishing features noted apart from colour. Thereafter noted first angled, bushy blows from 2 animals. One set of blows far larger than other and ahead. Within about 1 minute the rearmost animal performed 4 rapid breaches in a row and was considerably smaller in size and splash. Also darker in colour. Weather and visibility was moderate.
19/07/2018	17:13 to 17:32	0° 43 N	11° 42 W	Sperm whale (<i>P. microcephalus</i>)	4	First sighted 2000 m from CV. Observed 4 sets of hazy, angled blows over period of 3 minutes. Appeared to dive for 5 minutes. Surfaced and observed regular surface blowing and activity for 12 minutes. Thereafter too distant to be certain of activity.
22/07/2018	15:40	6° 15 S	0° 37 W	Common Dolphin (<i>D. delphis</i>)	±10	School appeared behind vessel and were travelling in westerly direction with a purpose. No playful activity recorded. Some breached sufficiently to record colour pattern.

22/07/2018	15:43 to 16:07	6° 15S to 6° 23 S	0° 37 to 0° 33 W	Sperm whale (<i>P. microcephalus</i>)	±10	3 groups totalling about 10 whales scattered over this area. Blows, backs, flukes and dorsal fins observed on numerous occasions. Concluded that some were resting and others diving to feed.
23/07/2018	08:57 to 08:59	10° 01 S	1° 32 E	Humpback Whale (<i>Megaptera novaeangliae</i>)	1	Single animal performed 5 tail lobes about 100 meters from vessel. Appeared to be absorbed in activity and took no notice of vessel passing. Flukes and flippers distinctive.
23/07/2018	09:12	10° 04 S	1° 34 E	Short-Snouted Spinner Dolphin (<i>Stenella spp</i>) probable	1	Animal recorded ±500 m from vessel (measuring stick). Performed 14 consecutive backward leaps landing on its back on each occasion. Distinctly recorded the 3 tone colour markings.
27/07/2018	10:30	19° 22 S	7° 50 E	Short-Snouted Spinner Dolphin (<i>Stenella spp</i>) - probable	±20	During transshipment a school approached the vessels. Uncertain of numbers as observer was unable to abandon position. Distinctly observed a number of animals leaping, tail slaps and spinning. 3 tone colour pattern and smallish dorsal fin noted.
28/07/2018	09:10	22° 25 S	5° 25 E	False Killer Whale (<i>Pseudorca crassidens</i>) and Bottlenose dolphin (<i>T. truncates</i>)- probable	±20 combined	Animal recorded ±1000 m from vessel (measuring stick). Appeared to be milling in circle. Most sightings were of dorsal breaking surface. 1 animal breached showing pale underside and beak (Bottlenose). 2/3 animals lifted entire head out of the water and appeared to have rounded beak. Conditions good for observing.
28/07/2018	09:37	22° 27 S	5° 18 E	Sei Whale (<i>Balaenoptera borealis</i>)- probable	2	Animal recorded ±1000 m from vessel (measuring stick). 4 pairs of blows recorded. Blows tall, vertical and thin. Upright, prominent dorsal fins noted while head still visible. Series of "tail trails" noted as animals travelled between blows. After 4 set of blows animals disappeared – assumed to have dived. Conditions good for observing.

30/07/2018	10:40 to 11:03	23° 32 S	1° 40 E	Sei Whale (<i>B. borealis</i>)-probable	1	Observed only with naked eye during transshipment. Weather clear and sea calm. Tall, vertical, thin blows observed about every 20 seconds. Blows dissipated after about 4 seconds. Distance from CV estimated 1500m.
31/07/2018	09:53 to 12:39	23° 01 S	5° 45 E	Sei Whale (<i>B. borealis</i>)	2	Observed only with naked eye during transshipment. Weather clear and sea calm. First observed estimated distance from CV 1000m. Animals remained in the vicinity for about 2½ hrs. On two occasions approached drifting vessels to within 50m. Features observed, tall, slender, vertical blows dissipating after about 4 seconds. Prominent, erect dorsal fin observed while head still visible. Numerous occasions when "fluke prints" observed as animals spent time on or near the surface.
04/08/2018	13:41	25° 56 S	5° 56 E	Sei whale (<i>B. borealis</i>) - probable	2	Observed only with naked eye during transshipment. Weather clear and sea calm. Distance from CV estimated 500m. Surface activity observed for 5 minutes. Tall, slender, vertical blows about every 20 seconds. No further blows or surface activity observed after 13:46.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		13/06/2018	33° 33.94 S	14° 01.06 E	100KL fuel and dry goods	Yes
		13/06/2018	33° 38.24 S	14° 02.25 E	100KL fuel and dry goods	Yes
		16/06/2018	31° 29.44 S	07° 29.06 E	100KL fuel and dry goods	Yes
		16/06/2018	31° 32.57 S	07° 29.81 E	220KL fuel and dry goods	Yes
		16/06/2018	31° 39.88 S	07° 29.13 E	230KL fuel and dry goods	Yes
		18/06/2018	24° 45.97 S	10° 37.70 E	3000 cases bait	Yes
		21/06/2018	17° 28.26 S	08° 07.62 E	Dry goods	Yes
		21/06/2018	17° 27.33 S	08° 06.70 E	50KL Fuel and dry goods	Yes
		21/06/2018	18° 02.17 S	07° 50.90 E	2633 cases bait	Yes
		26/06/2018	02° 22.08 N	00° 47.62 E	600 cases bait	Yes
		29/06/2018	00° 59.26 N	01° 55.06 W	Dry goods	Yes
		30/06/2018	00° 49.43 N	02° 37.13 W	Dry goods	Yes
		01/07/2018	02° 47.20 S	05° 54.19 W	Dry goods	Yes
		11/07/2018	13° 05.39 N	27° 59.49 W	Dry goods	Yes
		11/07/2018	13° 05.39 N	27° 59.49 W	Dry goods	Yes
		21/07/2018	1° 21.00 S	03° 17.71 W	4000 cases bait	Yes
		28/07/2018	22° 28.14 S	04° 55.84 E	150KL fuel	Yes
		31/07/2018	23° 00.20 S	05° 45.88 E	See remarks under Comments P7	Yes

ICCAT

Observer Report



Trip Number:	220-18
Vessel Name:	Taisei maru No. 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Peet Botes
Cruise Dates:	From: 15/06/2018 to: 16/07/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring CC, Peet Botes (ROP no. 161) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No. 24 (AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 15/06/2018 to 16/07/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	TAISEI MARU No. 24	Call sign:	JILE
Port of registration:	Ise, Japan	Flagstate:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 M/T
Size (GRT):	4,992 ton	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC Type JLR-7800 JRC Type JLR 7700MK JRC Type JLR-6800		
Vessel monitoring system (present/absent):	Present: JRC JUE-95VM INMARSTAT-C		
Radar:	JMA-9132-SA / MPBX41984A		
Communications equipment:	HF/MF: JRC NCH-801 / NCH-802 VHF: JRC JHS-31 INMARSTAT-C		
Plotters:	MPBX41984A		
Tuna products already on board (Quantity)	Yes (2507.944 tons)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	15/06/2018
Method of embarkation*	Portside
Date of departure	15/06/2018
Date of first transshipment	18/06/2018
Date of last transshipment	22/06/2018
Date of return	16/07/2018
Date of disembarkation	16/07/2018
Method of disembarkation*	Port launch
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel carried out a total of 7 transshipments at sea. The locations are shown in detail in

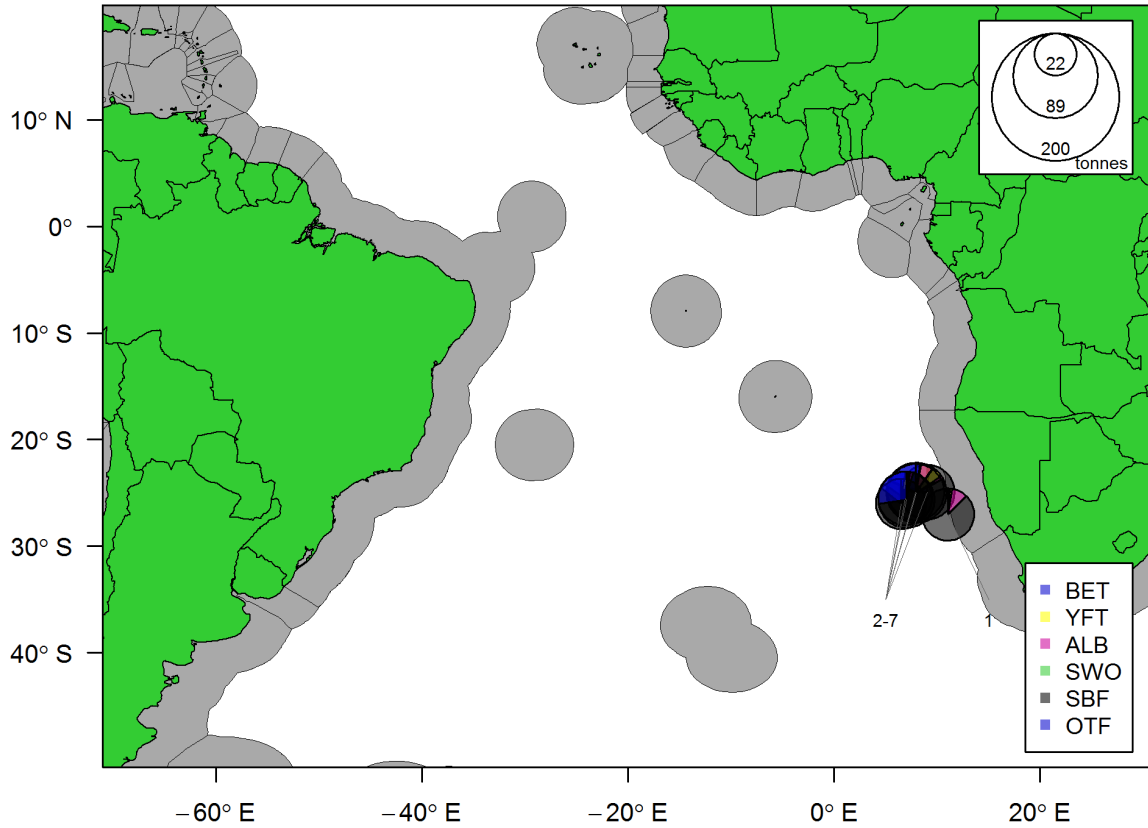


Figure 1 and the numbers received by nationality of the vessels are given in Table 1.

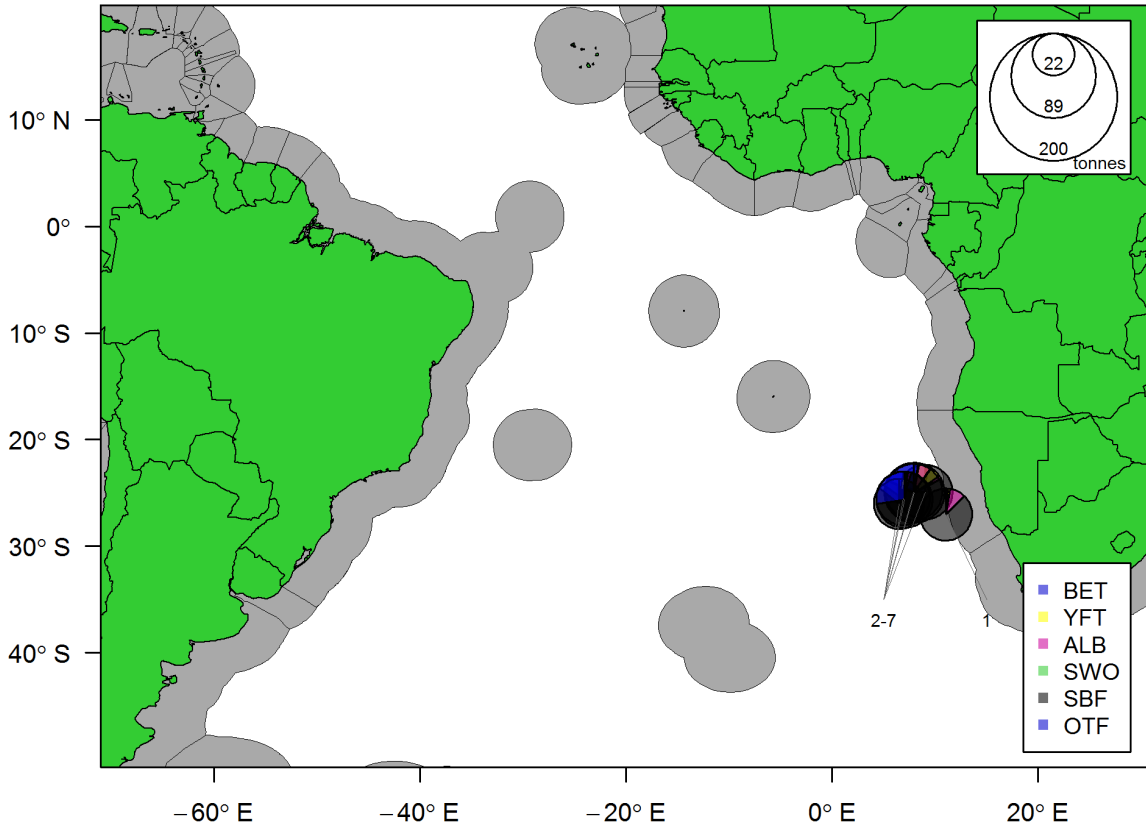


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	7

Comments: The CV also carried out 3 non-ROP transshipment of cargo to LSPLVs (Table 11).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	18/06/2018	27°01.114 S	011°03.397 E	02:36	100.00%
2				Yes	19/06/2018	24°55.34 S	009°01.239 E	04:45	100.00%
3				Yes	20/06/2018	24°58.705 S	007°59.244 E	02:31	100.00%
4				Yes	20/06/2018	24°55.259 S	007°55.858 E	02:50	100.00%
5				Yes	21/06/2018	25°29.911 S	006°53.149 E	01:55	100.00%
6				Yes	21/06/2018	26°01.534 S	006°28.83 E	04:17	100.00%
7				Yes	22/06/2018	25°37.934 S	007°00.407 E	03:30	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Southern Bluefin (t)		Bigeye (t)		Yellowfin (t)		Swordfish (t)		Other (t)		Total (t)		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight (t)	%
1	48.764	60.235	0	0	0	0	0	0	13.02	17.597	61.784	77.832	16.05	20.62%
2	0	60.257	0	2.239	0	12.407	0	0.322	66.106	18.504	66.106	93.729	27.62	29.47%
3	0	59.99	0	2.024	0	0.567	0.258	0.323	63.647	20.587	63.905	83.491	19.59	23.46%
4	0	59.97	0	1.855	0	0.489	0.048	0.048	54.709	12.958	54.757	75.32	20.56	27.30%
5	43.527	53.242	0	1.387	0	1.531	0	0	10.931	9.38	54.458	65.54	11.08	16.91%
6	51.286	58.777	0	0.385	0	0.049	0.036	0.072	15.847	23.361	67.169	82.644	15.48	18.72%
7	59.798	61.895	0	0.779	0	0.952	0.167	0.251	6.395	6.976	66.36	70.853	4.49	6.34%

Comments: This was the observer's first experience with monitoring transhipments and observer's lack of experience may have been the main reason for a larger than 10% difference between observed weights and declared LSPLV weights. The observer found

it difficult to accurately identify and count species with variations in the composition and size of strings during transshipment 1 and 2. With transshipment 3, strings were transhipped at a fast pace, causing the observer to have limited accuracy in his counting of species. Transshipments 2, 4 and 5 included strings of frozen (the fish was covered with a layer of ice) yellowfin tuna (*Thunnus albacares*), bigeye tuna (*Thunnus obesus*) and southern bluefin tuna (*Thunnus maccoyii*). With these strings, where the CCSBT tags were 'sealed in ice' and the observer found it difficult to accurately count these species due to not yet being adept in identifying them by their body shape.

Transshipments 4, 5 and 6 included medium-to-large strings of small-sized butterfly kingfish (*Gasterochisma melampus*) and albacore (*Thunnus alalunga*). These strings were difficult to count accurately due to the closely-packed fish.

Transshipment 5 also involved strings shrouded by vapour, exacerbating the difficulty of accurate identification and counting. Furthermore, the use of nets instead of strings, towards the end of transshipments, made it difficult to accurately estimate species composition and the number of fish.

Table 3 shows no observed weights for *T. albacares* and *T. obesus* because the observer grouped them into MIX tunas, incorporated into the "Other" column.

6 Species and weight transferred

The carrier vessel contained tuna products when the observer boarded. The total amount on board when the CV sailed was 2507.944 tonnes, according to the Chief Officer. The total declared weight of all species transferred during the trip is shown in Table 4; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.02	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.52	0.09%
Mixed Tunas		All	161.29	37.12%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.99	0.23%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	0.43	0.10%	2.45	0.45%
Other fish		All	13.27	3.05%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.00	0.00%	0.95	0.17%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	203.38	46.80%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	0.00	0.00%	414.37	75.42%
Swordfish	<i>Xiphias gladius</i>	All	0.51	0.12%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	1.02	0.18%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	16.00	2.91%

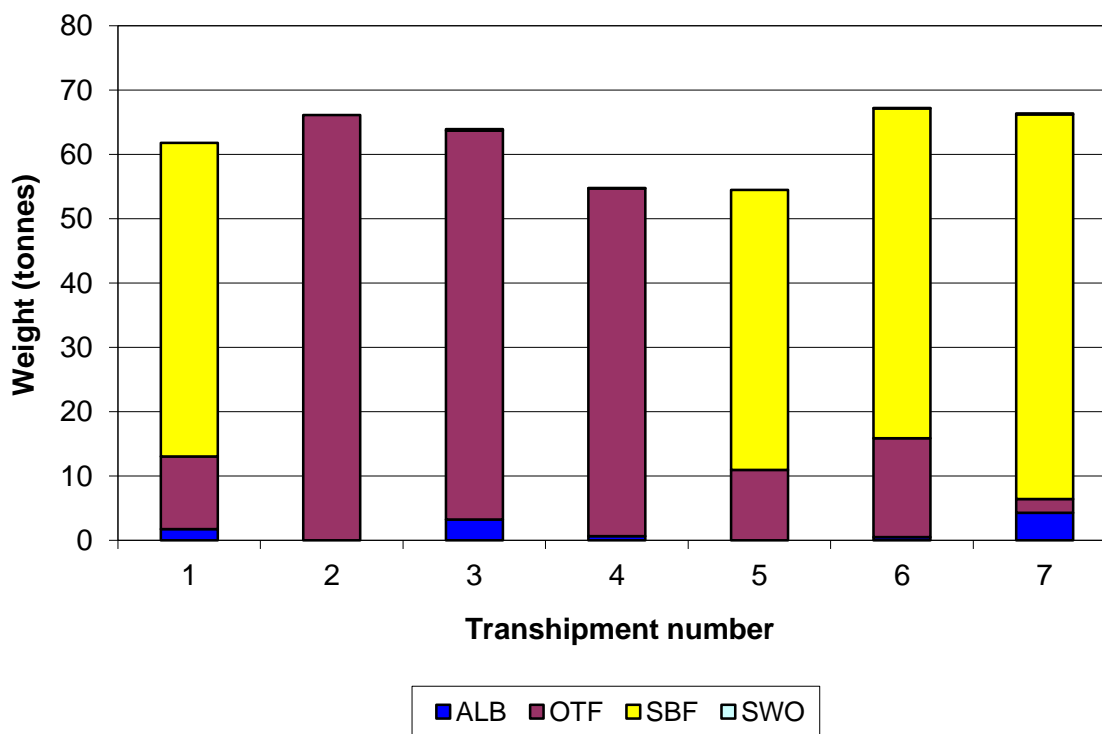


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.47
Atlantic blue marlin	<i>Makaira nigricans</i>	94.87
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	9.23
Bigeye tuna	<i>Thunnus obesus</i>	44.46
Butterfly kingfish	<i>Gasterochisma melampus</i>	17.71
Dolphinfish	<i>Coryphaena hippurus</i>	11.00
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	16.22
Opah	<i>Lampris guttatus</i>	10.31
Shortfin mako	<i>Isurus oxyrinchus</i>	73.15
Southern bluefin tuna	<i>Thunnus maccoyii</i>	50.12
Swordfish	<i>Xiphias gladius</i>	48.38
Yellowfin tuna	<i>Thunnus albacares</i>	48.47

Comments: Transhipped species were mostly *T. maccoyii*, *T. alalunga* and *G. melampus*. The main product types were Gilled and Gutted (GG), Whole (Rounded Weight), i.e. RD, and Head off (HO). With the exception of *T. alalunga*, all tuna species were transhipped as GG, and all *G. melampus* head off. *T. alalunga* was transhipped as round with the fins removed.

Only 2 transhipments declared shortfin mako (*Isurus oxyrinchus*), one as fins (Other) and filleted (FL) product and the other transshipment only as fileted product.

The observer made use of the average species weights which was calculated from the declared weigh and number of units declared by the LSPLV. The observer considered these calculated average weights as realistic.

Numbers were estimated with each transshipment observation using mainly two strategies. Firstly, numbers were estimated by carrying out a quick count of a whole string regardless of species, making a mental note of the total count. The observer would try to establish the separate species numbers as best as possible under the circumstances.

When cargo nets were being used to tranship product, the observer would ask, at infrequent intervals, to look inside the cart where the net was lowered, and counted the heap of fish as best possible. More often, the observer would count what was visible and estimated the number of fish invisible from his vantage point.

Observations of transhipments were taken from next to Cargo Hold 2 or between Cargo Hold 1 and 2, towards the bow of the CV vessel.

The CV made use of a hook scale the total scale amount of all species was available to the observer.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	18/06/2018	27°01.114 S	011°03.397 E	02:36	100.00%
2				Yes	19/06/2018	24°55.34 S	009°01.239 E	04:45	100.00%
3				Yes	20/06/2018	24°58.705 S	007°59.244 E	02:31	100.00%
4				Yes	20/06/2018	24°55.259 S	007°55.858 E	02:50	100.00%
5				Yes	21/06/2018	25°29.911 S	006°53.149 E	01:55	100.00%
6				Yes	21/06/2018	26°01.534 S	006°28.83 E	04:17	100.00%
7				Yes	22/06/2018	25°37.934 S	007°00.407 E	03:30	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number(from – to)
1	9	1276	CM – JP – 18 – 051 – 01	0001 – 1276
2	9	1195	CM – JP – 18 – 070 – 01	0001 – 1195
3	9	1140	CM – JP – 18 – 012 – 01	0001 – 1140
4	9	1207	CM – JP – 18 – 068 – 01	0001 – 1207
5	9	1118	CM – JP – 18 – 082 – 01	0001 – 1118
6	9	1122	CM – JP – 18 – 069 – 01	0001 – 1122
7	9	35	CM – JP – 17 – 051 – 01	0934 – 0968
8	9	1175	CM – JP – 18 – 073 – 01	0001 – 1175

Comments: Transhipment with the xxx, Transhipment No 7 involved two Catch Monitoring Forms. This is due to[one of them] accounting for 35 *T. maccoyii*, tagged from 0934-0968, while the [other] accounted for all 1,175 *T. maccoyii* transhipped, tagged from 0001-1175.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	18/06/18	Yes	Yes	Yes	Yes	Yes	26/07/22	Yes	Y	Yes	Yes	Yes	EL	17/0618
2			Yes	19/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
3			Yes	20/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
4			Yes	20/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
5			Yes	21/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	20/0618
6			Yes	21/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	21/0618
7			Yes	22/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	21/0618

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 9 **Comments on LSPLV checks**

No	Comments
1	An English version of the ATF was unavailable on board the xxx. Therefore, the CV Chief Officer, accompanied the observer on the LSPLV inspection, translated the ATF's date of expiry as it is shown on the ATF, written in Japanese.
3	The observer raised two PNC reports. One (IMM) was raised for the markings of the LSPLV not being correct. This PNC was withdrawn after consultation with the Consortium management. The second PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
4	A PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
5	The observer raised two PNC reports. One (LEI) was raised for the markings of the LSPLV not being correct. This PNC was withdrawn after consultation with the Consortium management. The second PNC (IMM) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
6	A PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
3			1	LEI	IIM	
4			2	LEI		
5			3	LEI	IIM	
6			4	LEI		

Comments: The consortium informed the observer that the issuing of Code IMM with PNC Ref. 1 and 3 was invalid. This is due to there being no recognised discrepancy between the ICCAT database's registry of authorised vessels, showing the vessel name as "xxx", and the actual name on the vessel, shown as "yyy".

9 Other Observer Tasks.

9.1 CV waste disposal

The Taisei Maru No.24 had an incinerator onboard, and steel drums were used to sort food waste, bottles, cans, cooking oil, combustible domestic waste, cargo residues and operational wastes.

9.2 Unidentified or IUU vessels

No Unidentified or Ull vessels were sighted.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
20/06/18	~07:40	24°58.549 S	07°59.125 E	<i>Balaenoptera acutorostrata</i>	1	Travelling/Swell riding
24/06/18	~14:26	27°39.094 S	3°45.767 E	<i>Balaenoptera acutorostrata</i>	2	Travelling/Swell riding
03/07/18	~15:26	28°00.136 S	46°54.685 E	<i>Balaenoptera acutorostrata</i>	3	Travelling/Swell riding

Comments: The observer was uncertain about the species and abundance of the marine mammals due to only getting a glimpse while carrying out other duties.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendix

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		16/06/2018	32°59.176 S	13°32.252 E	The CV transhipped food, medicine and 200 KL of fuel to the LSPLV.
		23/06/2018	25°56.227 S	7°04.463 E	The CV transhipped 150 KL of fuel to the LSPLV.
		25/06/2018	27°58.225 S	3°02.402 E	The CV transhipped 170 KL of fuel to the LSPLV.

ICCAT

Observer Report



Trip Number:	221/18
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Aikaterini Kamposi
Cruise Dates:	From: 06/07/2018 To: 07/08/2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and the consortium of Marine Resources Assessment Group (MRAG) and Capfish, Aikaterini Kamposi (ROP no 162) joined the Liberia, Monrovia registered Carrier Vessel (CV) Genta Maru (AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 06/07/2018 to 07/08/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longlining Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSPLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers.

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Ship	Hold capacity:	168,830 cuft
Size (GRT):	3,989 t	Length (LOA):	99.06 m
Vessel monitoring system (present/absent):	Argos (CLS) Leo present		
Tuna products already on board (Quantity)	Zero		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	06/07/2018
Method of embarkation*	Portside
Date of departure	08/07/2018
Date of first transshipment	09/07/2018
Date of last transshipment	03/08/2018
Date of return	07/08/2018
Date of disembarkation	14/09/2018
Method of disembarkation*	Portside
Port of return	Busan, Korea

*(portside, transfer vessel in port, transfer vessel offshore)

The observer crossed over into the Indian Ocean on the 7th August 2018.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of fifteen transshipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

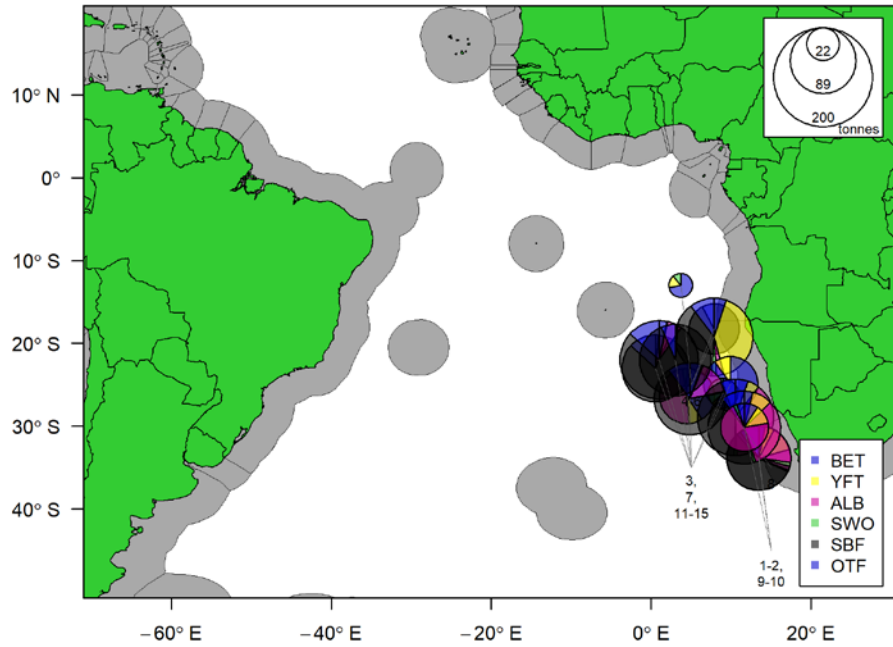


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	10
XXX	5

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	09/07/18	33°52 S	013°26 E	3:30	100
2				Yes	09/07/18	33°49 S	013°27 E	13:25	100
3				Yes	12/07/18	24°51 S	009°56 E	0:45	100
4				Yes	16/07/18	18°15 S	007°51 E	4:00	100
5				Yes	17/07/18	19°14 S	007°51 E	7:15	100
6				Yes	19/07/18	12°59 S	003°41 E	1:15	100
7				Yes	22/07/18	26°00 S	008°59 E	7:20	100
8				Yes	24/07/18	28°55 S	010°32 E	11:10	100
9				Yes	26/07/18	30°09 S	011°37 E	8:30	100
10				Yes	27/07/18	30°07 S	011°39 E	7:55	100
11				Yes	29/07/18	26°41 S	004°51 E	8:50	100
12				Yes	30/07/18	26°21 S	004°28 E	7:40	100
13				Yes	01/08/18	23°00 S	000°30 E	7:00	100
14				Yes	02/08/18	21°59 S	000°59 E	7:35	100
15				Yes	03/08/18	22°00 S	003°00 E	3:40	100

Comments:

All transhipments were 100% observed. Transhipment 2 was interrupted for 12 hours due to poor weather conditions. It was completed on 10/07/18 at 15:45.

Table 3 Summary of vessel / observer estimated figures (Kg)

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	0	0	0	0	0	58,705	65,000	58,705	65,000	6,295	9.68
2	7,037	8,000	61,350	63,000	2,891	3,000	78,922	81,000	150,200	155,000	4,800	3.10
3	10,176	10,451	2,462	2,541	1,540	1,628	0	0	14,178	14,620	442	3.02
4	61,694	68,028	6,976	7,663	0	0	0	0	68,670	75,691	7,021	9.28
5	29,780	31,879	5,863	6,292	1,880	2,037	36,427	37,759	73,950	77,967	4,017	5.15
6	12,653	13,849	513	570	9,042	8,498	0	0	22,208	22,917	709	3.09
7	1,525	1,610	531	531	209	209	104,964	112,253	107,229	114,603	7,374	6.43
8	4,828	5,010	365	365	55	55	144,940	152,210	150,188	157,640	7,452	4.73
9	7,506	6,929	1,196	1,101	678	678	113,195	123,894	122,575	132,602	10,027	7.56
10	556	593	249	249	0	0	117,896	130,233	118,701	131,075	12,374	9.44
11	7,820	7,959	7,952	7,585	1,513	1,574	126,822	132,765	144,107	149,883	5,776	3.85
12	3,750	3,827	17,849	17,651	730	730	75,649	82,490	97,978	104,698	6,720	6.42
13	3,145	3,284	4,599	5,132	2,012	2,082	88,708	95,898	98,464	106,396	7,932	7.46
14	4,698	5,151	11,235	12,336	1,293	1,411	115,266	117,478	132,492	136,376	3,884	2.85
15	5,114	5,508	7,035	7,580	1,419	1,419	40,497	44,405	54,065	58,912	4,847	8.23

Comments:

During the deployment no difference between observed and declared figures exceeded 10%.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in table 4. a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	S	244,150	17.27	254,600	16.94
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	4,240	0.30	4,460	0.30
Atlantic sailfish	<i>Istiophorus albicans</i>	E	390	0.03	390	0.03
Bigeye tuna	<i>Thunnus obesus</i>	All	160,280	11.34	172,080	11.45
Black marlin	<i>Makaira indica</i>	SE	980	0.07	980	0.07
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	102,590	7.26	108,590	7.22
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	760	0.05	790	0.05
Opah	<i>Lampris guttatus</i>	SE	8,980	0.63	9,350	0.62
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	E	840	0.06	870	0.06
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	735,980	52.06	792,140	52.69
Striped marlin	<i>Tetrapturus audax</i>	SE	1,850	0.13	1,950	0.13
Swordfish	<i>Xiphias gladius</i>	S	23,260	1.65	23,320	1.55
Wahoo	<i>Acanthocybium solandri</i>	SE	1,230	0.09	1,280	0.09
Yellowfin tuna	<i>Thunnus albacares</i>	All	128,180	9.07	132,600	8.82

Comments:

The main species transhipped during this voyage was Bigeye tuna (*Thunnus obesus*). Yellowfin tuna (*Thunnus albacares*) and Albacore (*Thunnus alalunga*).

Atlantic sailfish (*Istiophorus platypterus*), Narrow-barred Spanish mackerel (*Scomberomorus commerson*) and Shorbill spearfish (*Tetrapturus angustirostris*) were transhipped in relatively small amounts.

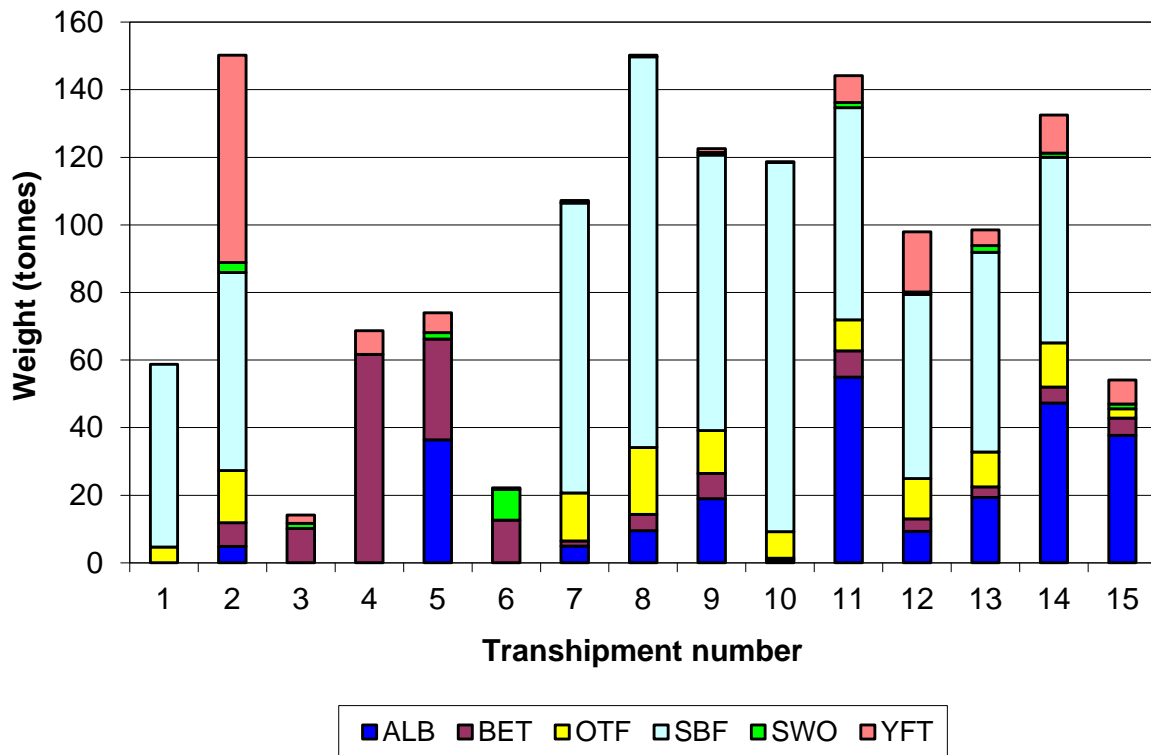


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	14.04
Atlantic blue marlin	<i>Makaira nigricans</i>	121.00
Atlantic sailfish	<i>Istiophorus albicans</i>	18.52
Bigeye tuna	<i>Thunnus obesus</i>	40.18
Black marlin	<i>Makaira indica</i>	89.00
Butterfly kingfish	<i>Gasterochisma melampus</i>	16.71
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	14.13
Opah	<i>Lampris guttatus</i>	11.35
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	13.79
Southern bluefin tuna	<i>Thunnus maccoyii</i>	52.54
Striped marlin	<i>Tetrapturus audax</i>	46.33
Swordfish	<i>Xiphias gladius</i>	54.73
Wahoo	<i>Acanthocybium solandri</i>	10.24
Yellowfin tuna	<i>Thunnus albacares</i>	29.90

Comments:

The most transferred species bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) were transhipped as GG (gutted and gilled), albacore (*T. alalunga*) as RD (whole) and swordfish (*X. gladius*) DR (dressed). The small number of Atlantic blue marlin (*M. nigricans*) were always transhipped as GG (gutted and gilled).

The Genta Maru had no method of measuring the weight of either strings or individual fish. They did not count the transferred fish declared weights and numbers of transferred fish were accepted as given by individual LSPLVs.

An average weight of each species was established by dividing declared weights by declared numbers. The observer made an independent total by counting individual fish as they were transferred to the CV. By multiplying declared average weights by observed tallies an independent total weight was estimated for each species by the observer.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	09/07/2018	33°52 S	013°26 E	3:30	100
2				Yes	09/07/2018	33°49 S	013°27 E	1:00	100
7				Yes	22/07/2018	26°00 S	008°59 E	7:20	100
8				Yes	24/07/2018	28°55 S	010°32 E	11:10	100
9				Yes	26/07/2018	30°09 S	011°37 E	8:30	100
10				Yes	27/07/2018	30°07 S	011°39 E	7:55	100
11				Yes	29/07/2018	26°41 S	004°51 E	8:50	100
12				Yes	30/07/2018	26°21 S	004°28 E	7:40	100
13				Yes	01/08/2018	23°00 S	000°30 E	7:00	100
14				Yes	02/08/2018	21°59 S	000°59 E	7:35	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	1164	59,874		
2	9	1223	59,944		
7	9	1693	92,045		
8	9	2245	121,489		
9	9	1557	89,842		
10	9	2278	120,800		
11	9	93	4,642		
11	9	1173	60,018		

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
12	9	1187	59,020		-
13	9	135	5,731		
13	9	1135	58,961		
14	9	1188	59,771		

Comments:

During transshipment No 12 the Catch Tagging Form Document Numbers section on the CMF was not completed.

8 LSPLV Inspections

Inspections were carried out by the observer on all following vessels. summarised in Table 8.

Table 8 Summary of inspections made onboard LSPLVs

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS			Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
1			Y	09/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	27/06/18
2			Y	09/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	28/06/18
3			Y	12/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	UB	10/07/18
4			Y	16/07/18	Y	Y	Y	Y	Y	21/09/20	Y	Y	Y	Y	Y	Y	UB	15/07/18
5			Y	17/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	16/07/18
6			Y	19/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	UB	16/07/18
7			Y	22/07/18	Y	Y	Y	Y	Y	06/09/22	Y	Y	Y	Y	Y	Y	UB	19/07/18
8			Y	24/07/18	Y	Y	Y	Y	Y	23/11/18	Y	Y	Y	Y	Y	Y	UB	21/07/18
9			Y	26/07/18	Y	Y	Y	Y	Y	31/07/20	Y	Y	Y	Y	Y	Y	UB	23/07/18
10			Y	27/07/18	Y	Y	Y	Y	Y	08/06/23	Y	Y	Y	Y	Y	Y	UB	24/07/18
11			Y	29/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	27/07/18
12			Y	30/07/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	28/07/18
13			Y	01/08/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	30/07/18
14			Y	02/08/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/08/18
15			Y	03/08/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/08/18

*EL – Electronic. PB – Printed and Bound. PU – Printed and Unbound. UB – Unprinted and Bound. UU – Unprinted and Unbound

Table 9 **Comments from inspections**

No	Comments

During the deployment the observer made no Potential Non Compliance (PNC) reports.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A						

9 Other Observer Tasks

9.1 CV waste disposal

Genta Maru had in place comprehensive waste recycling scheme with bins provided for cans, bottles, plastic, food and general waste, an incinerator was used for disposing of paper and appropriate materials.

9.2 Unidentified or IUU vessels

No IUU vessels were seen during the deployment.

9.3 Marine mammals.

No marine mammals were seen during the deployment.

10 Health and Safety on board the CV

No health and safety issues recorded during this deployment.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	

Appendices

Table 110 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		17/07/18	19°16 S	007°50 E	Transferred bait and dry cargo.

Table 11 Vessels Observed Drying Shark Fins On deck

Vessel	Call Sign	Reg No	RFMO Number	Date	Picture No
	7KWV	KG1-9		29/07/18	1
		KG1-108		30/07/18	2
	JGAY	KG1-128		03/08/18	3

Picture 1

Picture 2

Picture 3

ICCAT

Observer Report



Trip Number:	515-18
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Llewellyn Lewis
Cruise Dates:	From:10/08/2018 To: 03/09/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and the consortium of Marine Resources Assessment Group (MRAG) and Capricorn Fisheries Monitoring, Llewellyn Lewis (ROP no.115) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/08/2018 to 15/08/2018.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLV), the specific tasks for the trip, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Verify the position of the vessel when engaged in transshipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transshipment declaration;
- Countersign the transshipment declaration;
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements and provide the captain with the opportunity to include therein any relevant information.

In addition when weather conditions permitted the observer visited the LSTLV that intended to tranship to the carrier vessel in order to:

- Check the validity of the fishing vessel's authorization or license to fish for tuna and tuna like species and any other species caught in association with those species in the Convention area;
- Inspect the fishing vessel's prior authorisations to tranship at sea from the flag CPC and, if appropriate, the coastal State;
- Check and record the total quantity of catch on board by species and, if possible, by stock, and the quantity to be transferred to the carrier vessel;
- Check that the VMS is functioning and examine the logbook and verify entries, if possible;
- Verify whether any of the catch on board resulted from transfers from other vessels, and check documentation on such transfers;

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	ISE	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 Ton / 6,3357 m ³
Size (GRT):	4,969	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC-JLR-7700MK II (X2)		
Vessel monitoring system (present/absent):	Present		
Radar:	JMA-9833SA JMA-7700 Series		
Communications equipment:	HF/MF - JRC JSS-800 VHF - JRC JHS-32A (X2)		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	2,713.326 Ton		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	10/08/2018
Method of embarkation*	Port Side
Date of departure	11/08/2018
Date of first transshipment	13/08/2018
Date of last transshipment	13/08/2018
Date when CV departed from the Atlantic Ocean area	15/08/201 (23:30)
Date of return	03/09/2018
Date of disembarkation	03/09/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 2 transshipments at sea in the ICCAT area. The locations are shown in detail in

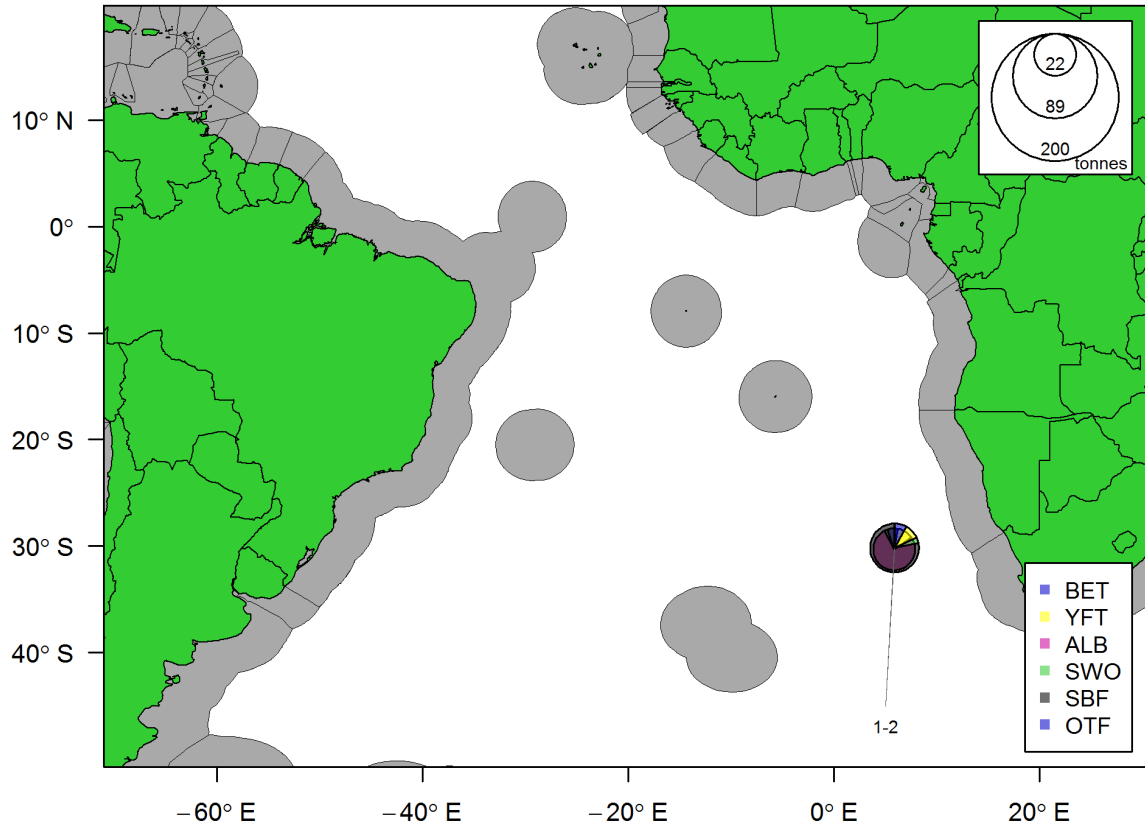


Figure 1 and the numbers received by nationality of vessel are given in Table 1. The CV sailed directly from the Atlantic Ocean to the Indian Ocean without a port call in-between, crossing over the 20 degrees East longitude at 23:30 in 15/08/2018. The observer remained on board as the IOTC observer and disembarked in Singapore on 03/09/2018.

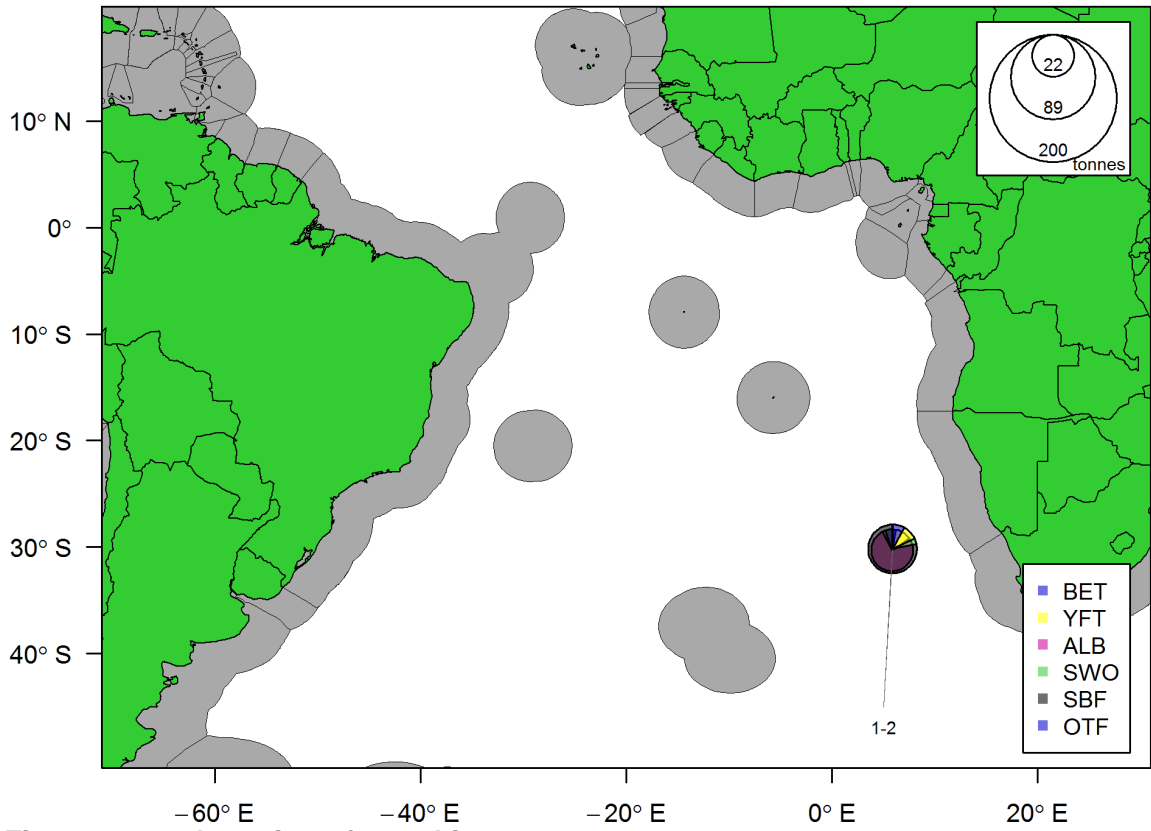


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	13/08/2018	30°17.557 S	005°50.511 E	03:40	100.00%
2				Yes	13/08/2018	30°09.924 S	005°52.229 E	04:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	1.188	1.63	7.013	6.935	0.967	1.28	46.914	2.948	56.082	56.293	0.21	0.37%
2	0	6.063	0	7.548	2.573	2.921	7.96	0.175	69.591	76.249	6.66	8.73%

6 Species and weight transferred

The vessel contained 2,713.326 Tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	43.50	32.82%
Albacore	<i>Thunnus alalunga</i>	Unk	44.67	35.54%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	0.18	0.13%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	1.06	0.80%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Unk	0.80	0.64%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	7.69	5.80%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1.19	0.95%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	1.57	1.18%
Opah	<i>Lampris guttatus</i>	Unk	1.22	0.97%	0.00	0.00%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.00	0.00%	0.33	0.25%
Skipjack tuna	<i>Katsuwonus pelamis</i>	Unk	0.23	0.18%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0.00	0.00%	59.54	44.92%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	59.06	46.99%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	0.00	0.00%	4.20	3.17%
Swordfish	<i>Xiphias gladius</i>	Unk	3.54	2.82%	0.00	0.00%
Tunas nei	<i>Thunnini</i>	Unk	7.96	6.33%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	14.48	10.93%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	7.01	5.58%	0.00	0.00%

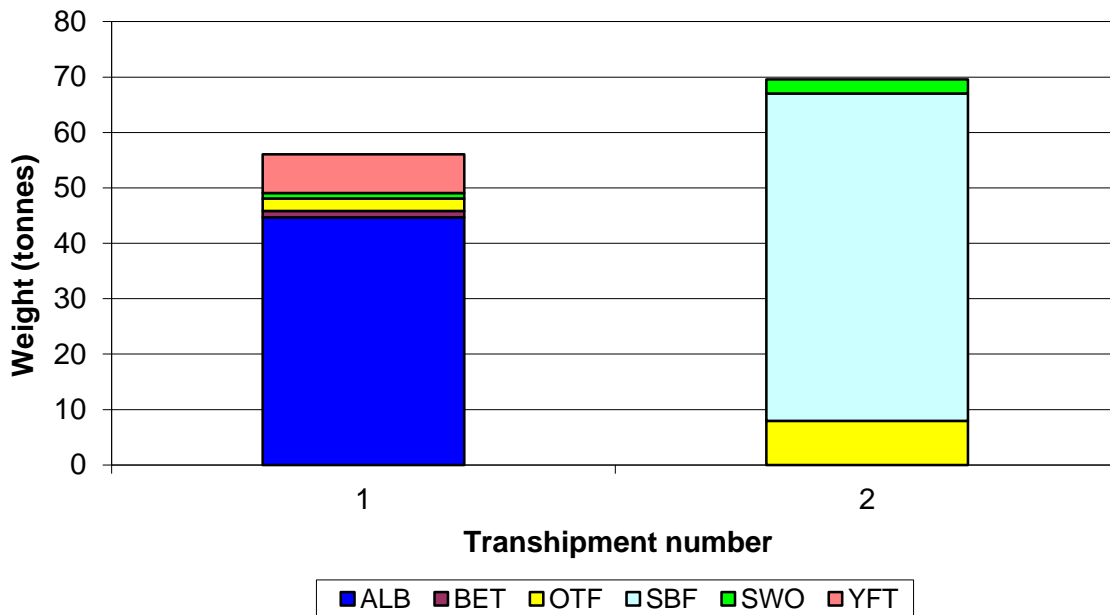


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.70
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.80
Bigeye tuna	<i>Thunnus obesus</i>	44.00
Opah	<i>Lampris guttatus</i>	9.00
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	51.40
Swordfish	<i>Xiphias gladius</i>	25.29
Tunas nei	<i>Thunnini</i>	43.50
Yellowfin tuna	<i>Thunnus albacares</i>	41.50

Comments:

Fish were transferred straight out of the LSPLV hold by means of the CV crane. The CV made use of a hook scale and the totals provided by the LSPLV were used in the Transshipment Declaration (TD). The observer used the amounts declared by the LSPLV to calculate the average weight per species. In addition, the observer made visual estimations of the average weight per species. These average weights estimated by the observer appeared similar to the declared amounts.

Species were transferred in the following product state:

Common Name	Scientific name	Product type	Product code
Albacore	<i>Thunnus alalunga</i>	Whole	RD
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Headed, Guttled & Tailed	DR
Bigeye tuna	<i>Thunnus obesus</i>	Gilled, Guttled & Tailed	GG
Opah	<i>Lampris guttatus</i>	Headed, Guttled & Tailed	DR
Skipjack tuna	<i>Katsuwonus pelamis</i>	Whole	RD

Common Name	Scientific name	Product type	Product code
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Gilled, Gutted & Tailed	GG
Swordfish	<i>Xiphias gladius</i>	Headed, Gutted & Tailed	DR
Swordfish	<i>Xiphias gladius</i>	Fillet	FL
Tunas nei	<i>Thunnini</i>	Gilled, Gutted & Tailed	GG
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled, Gutted & Tailed	GG

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
2			Japan	Yes	13/08/18	-30 ⁰ 09.924	05 ⁰ 52.229	4:00	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Number	Monitoring Form	Tag series number (from – to)
2	9	1157			From -18-071-0001 To 18-071-1157

Comments:

All southern bluefin tuna (*T. maccoyii*) were tagged on the inside of the gill cavity with a plastic tag which was not clearly visible during the transhipment. In addition, each *T. maccoyii* also had blue labels attached to the gill operculum displaying the tag series numbers. On some of the fish these labels delaminated from the fish, but the plastic tag was still attached.

The tag series consisted of a two letter country name – a two digit year code – the International Radio Call Sign, the number “071 and a four digit tag series number.

The observer observed 1149 out of the 1157 Southern Bluefin Tuna (*T. maccoyii*) declared.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	13/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	08/12/18
2			Yes	13/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	08/11/18

Comments:

EL – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound

Table 9 Comments on LSPLV checks

No	Comments
	None

The observer made no Potential Non Compliance (PNC) reports.

9 Other Observer Tasks.

9.1 CV waste disposal

All galley waste were mechanically crushed before being discharged into the ocean on a daily basis. All other waste except for glass and metal/cans were incinerated and the ass retained for land disposal. Metals and glass were retained for land disposal.

9.2 Unidentified or IUU vessels

No Unidentified or IUU vessels were sighted for the duration of the voyage.

9.3 Marine mammals.

No marine mammals were sighted for the duration of the voyage.

10 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?

Yes	No
X	