

ICCAT

Observer Report



Trip Number:	248-20
Vessel Name:	Ibuki
ICCAT Ref. No.	AT000PAN00163
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 16/09/2020 To: 28/10/2020

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG limited and Capricorn fisheries Monitoring CC, A.T. Dimitrov (ROP No.117) joined the Panama registered Carrier Vessel (CV) Ibuki (ICCAT 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 16/09/2020 to 28/10/2020.

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 SA.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8044.56m ³
Size (GRT):	6558 t.	Length (LOA):	134.15m.
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	386.657t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	16/09/2020
Method of embarkation*	Portside
Date of departure	16/10/2020
Date of first transshipment	19/09/2020
Date of last transshipment	19/10/2020
Date of return	28/10/2020
Date CV left ICCAT area	28/10/2020
Date of disembarkation	05/12/2020*
Method of disembarkation*	Continuing on board CV for IOTC deployment
Port of return	Shimizu, Japan**

*The CV did not make a port call at the end of deployment 248-20 and continued directly to the IOTC area, crossing the 20° longitude on 28/10/2020 at 08:15.

** The observer disembarked in Shimizu, Japan** on 05/12/2020.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 28 transhipments at sea. The locations are shown in detail in

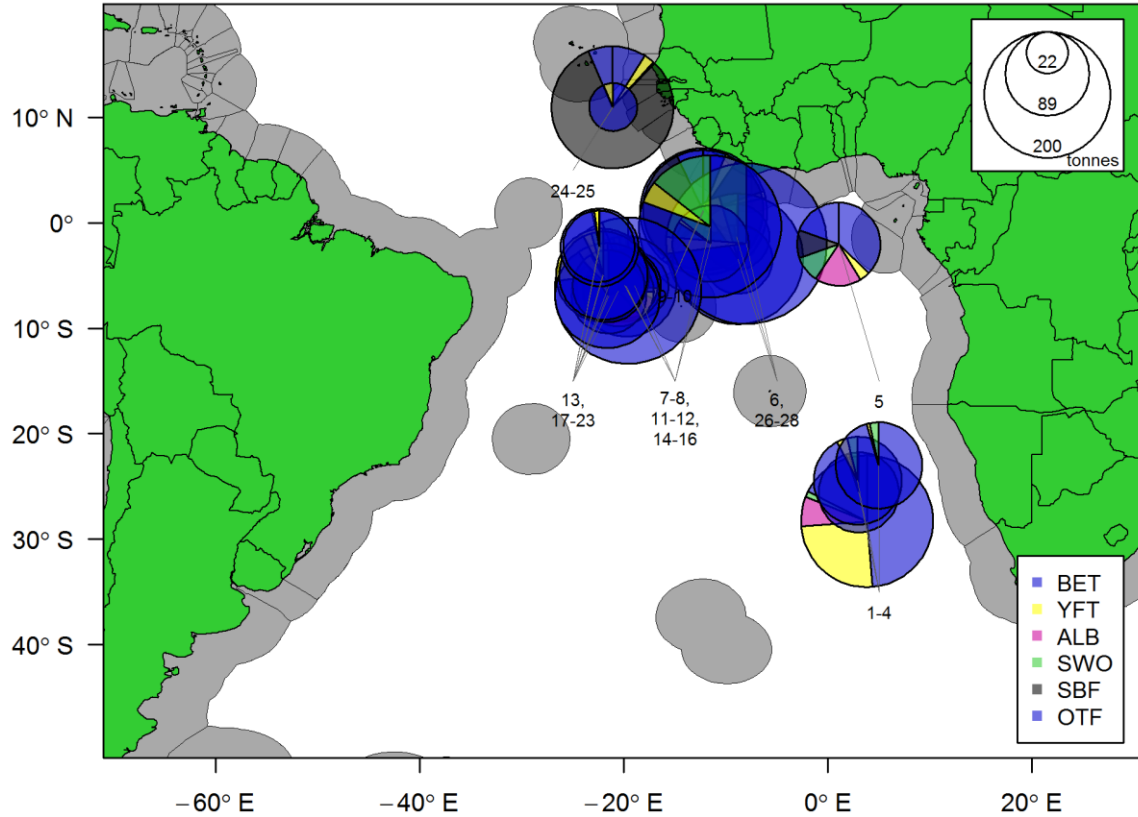


Figure 1, the numbers received by nationality of vessel are given in Table 1.

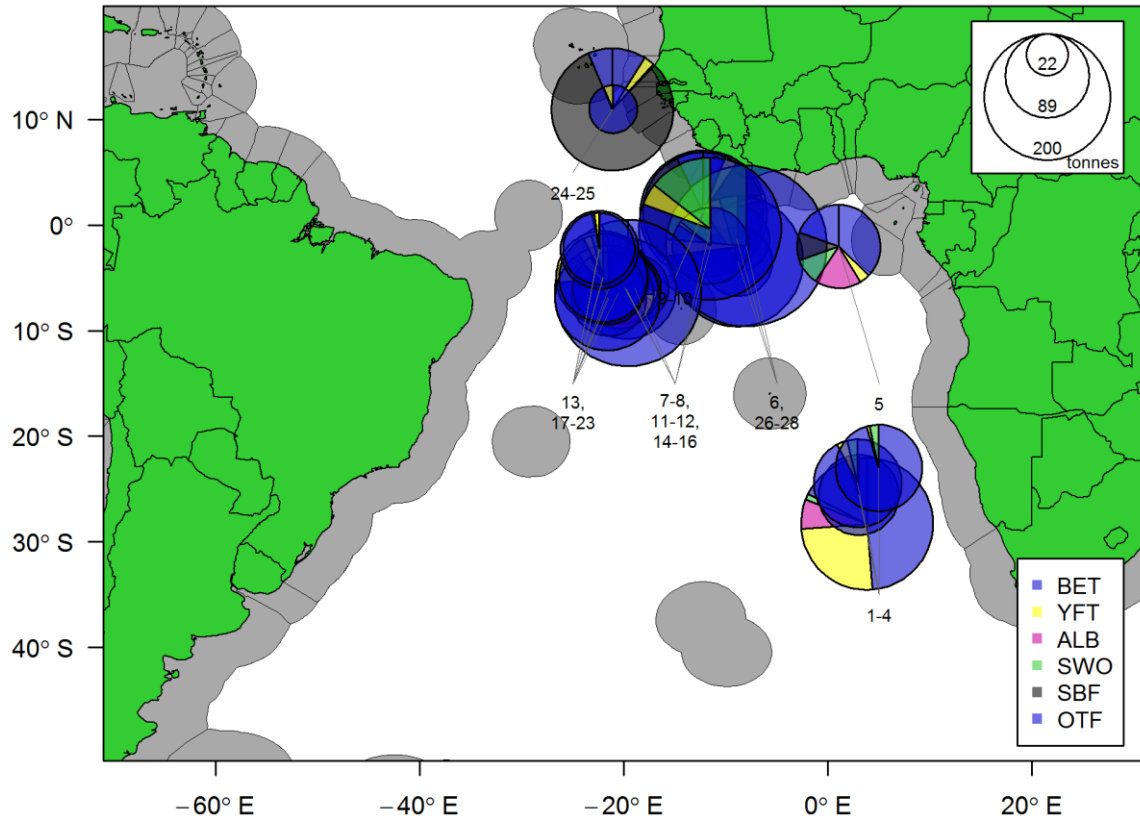


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	3
XXX	14
XXX	7
XXX	2
XXX	1
XXX	1

Comments: The CV engaged in one non-ROP cargo transhipment with 1 Japanese LSPLV. See Table 12 for further details.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				19/09/20	28°17.466 S	003°48.934 E	Yes	05:00	100%
2				20/09/20	25°32.746 S	003°01.192 E	Yes	06:40	100%
3				21/09/20	24°26.824 S	002°54.602 E	Yes	06:35	100%
4				22/09/20	22°59.535 S	004°58.603 E	Yes	00:50	100%
5				26/09/20	02°01.508 S	001°02.949 E	Yes	02:15	100%
6				28/09/20	01°20.531 S	008°58.412 W	Yes	01:55	100%
7				29/09/20	01°57.484 S	011°30.796 W	Yes	07:20	100%
8				30/09/20	00°20.749 S	011°33.273 W	Yes	10:20	100%
9				01/10/20	01°03.419 N	012°11.508 W	Yes	02:30	100%
10				01/10/20	01°12.23 N	012°14.132 W	Yes	16:05	100%
11				04/10/20	05°59.267 S	018°57.282 W	Yes	03:30	100%
12				05/10/20	06°25.945 S	019°35.284 W	Yes	02:00	100%
13				06/10/20	06°29.932 S	020°30.845 W	Yes	10:25	100%
14				07/10/20	06°01.679 S	019°47.215 W	Yes	02:00	100%
15				07/10/20	05°56.959 S	019°53.728 W	Yes	02:00	100%
16				07/10/20	05°54.816 S	019°57.805 W	Yes	01:40	100%
17				08/10/20	06°56.656 S	021°27.515 W	Yes	02:45	100%
18				08/10/20	06°53.65 S	021°35.658 W	Yes	03:10	100%
19				09/10/20	06°00.289 S	021°29.705 W	Yes	05:45	100%
20				10/10/20	05°00.386 S	022°00.313 W	Yes	02:15	100%
21				10/10/20	04°57.837 S	022°05.096 W	Yes	03:25	100%
22				11/10/20	02°19.861 S	022°23.176 W	Yes	04:00	100%
23				11/10/20	02°13.516 S	022°26.749 W	Yes	02:25	100%
24				14/10/20	10°57.933 N	021°02.531 W	Yes	03:25	100%
25				14/10/20	10°56.608 N	021°06.851 W	Yes	09:25	100%
26				18/10/20	01°58.365 S	007°59.402 W	Yes	02:20	100%
27				19/10/20	03°28.444 S	008°49.518 W	Yes	02:45	100%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
28				19/10/20	03°25.63 S	008°50.279 W	Yes	03:00	100%

Comments: All transhipments were observed for the full duration.

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	32.736	31.292	2.695	2.655	1.935	1.905	61.235	61.099	98.601	96.951	-1.65	-1.70%
2	8.782	8.763	4.733	4.705	0.05	0.05	10.29	10.177	143.367	142.005	-1.36	-0.96%
3	12.914	12.941	4.389	4.212	0.517	0.518	9.984	9.628	146.982	146.498	-0.48	-0.33%
4	21.105	21.157	1.505	1.491	0	0	0	0	22.61	22.648	0.04	0.17%
5	32.66	33.033	1.824	2.448	6.844	6.855	0	0	41.328	42.336	1.01	2.38%
6	45.136	45.63	0.85	0.754	0	0	0	0	45.986	46.384	0.40	0.86%
7	151.419	152.012	7.638	7.954	8.14	7.579	0	0	167.197	167.545	0.35	0.21%
8	181.324	185.2	8.474	8.582	62.82	60	0	0	252.618	253.782	1.16	0.46%
9	48.3	48.328	0.799	0.903	8.107	8.158	0	0	57.206	57.389	0.18	0.32%
10	161.676	160.064	10.998	10.007	29.362	28.529	0	0	202.036	198.6	-3.44	-1.73%
11	89	94.943	1.435	2.06	2.22	2.199	0	0	92.655	99.202	6.55	6.60%
12	43.326	45.012	0	0	0	0	0	0	43.326	45.012	1.69	3.75%
13	183.85	187.307	13.63	11.071	14.7	12.034	0	0	212.18	210.412	-1.77	-0.84%
14	44.226	44.914	5.312	5.472	0	0	0	0	49.538	50.386	0.85	1.68%
15	10.755	11.702	0.858	2.593	0	0	15.004	15.034	26.617	29.329	2.71	9.25%
16	12.236	12.126	6.4	6.414	0	0	15.048	14.919	33.684	33.459	-0.23	-0.67%
17	53.1	53.239	1.472	1.764	0	0	0	0	54.572	55.003	0.43	0.78%
18	61.908	61.997	22.455	22.931	0	0	0	0	84.363	84.928	0.56	0.67%
19	100.058	98	9.9	10	0	0	0	0	109.958	108	-1.96	-1.81%
20	43.455	44.29	2.044	2.06	5.088	4.25	0	0	50.587	50.6	0.01	0.03%
21	70.859	71.02	2.125	2.27	3.375	3.4	0	0	76.359	76.69	0.33	0.43%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
22	58.431	57.539	1.992	1.992	0	0	0	0	60.423	59.531	-0.89	-1.50%
23	49.356	49	0.989	1	0	0	0	0	50.345	50	-0.34	-0.69%
24	24.852	25.454	2.613	2.72	5.112	6.923	14.974	13.376	54.931	55.916	0.98	1.76%
25	83.628	83.046	46.9	42.963	2.358	2.624	29.159	29.878	162.045	158.511	-3.53	-2.23%
26	59.136	59.822	0.705	0.699	2.34	2.568	0	0	62.181	63.089	0.91	1.44%
27	72	70.022	3.15	3.093	3.24	2.962	0	0	78.39	76.077	-2.31	-3.04%
28	69.6	70.268	0.75	0.823	2.58	2.576	0	0	72.93	73.667	0.74	1.00%

Comments: The observer estimation of the volume transhipped was always within 10% of the amount declared.

The species reflected under the column "Other" for the vessel included; Southern bluefin tuna (*Thunnus maccoyii*), albacore (*Thunnus alalunga*), butterfly kingfish (*Gasterochisma melampus*), Atlantic blue marlin (*Makaira nigricans*), opah (*Lampris guttatus*), wahoo (*Acanthocybium solandri*), dolphinfish (*Coryphaena hippurus*), Atlantic sailfish (*Istiophorus albicans*) and striped marlin (*Tetrapturus audax*).

The species reflected under the column "Other" for the observer included; Southern bluefin tuna (*Thunnus maccoyii*), albacore (*Thunnus alalunga*), butterfly kingfish (*Gasterochisma melampus*), billfish (marlins, sailfishes, etc. [*Istiophoridae*]), Atlantic blue marlin (*Makaira nigricans*) and other fish (Unclassified).

6 Species and weight transferred

The carrier vessel contained 386.657 tons of tuna and tuna products transhipped in IOTC area when the observer boarded. The total declared weight of all species transferred during the trip of 2553.950 tones 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
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.00	0.00%	0.04	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1838.12	71.97%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1825.83	71.52%	0.00	0.00%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	0.00	0.00%	29.11	1.14%
Butterfly kingfish	<i>Gasterochisma melampus</i>	Unk	30.14	1.18%	0.00	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.00	0.00%	0.13	0.01%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	Unk	7.32	0.29%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	0.43	0.02%
Other fish Unclassified	N/A	Unk	0.55	0.02%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0.00	0.00%	244.95	9.59%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	246.07	9.64%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	All	0.00	0.00%	0.01	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	95.44	3.74%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	57.69	2.26%
Swordfish	<i>Xiphias gladius</i>	Unk	158.79	6.22%	0.00	0.00%
Wahoo	<i>Acanthocybium solandri</i>	All	0.00	0.00%	0.41	0.02%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	163.64	6.41%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	166.64	6.53%	0.00	0.00%

%

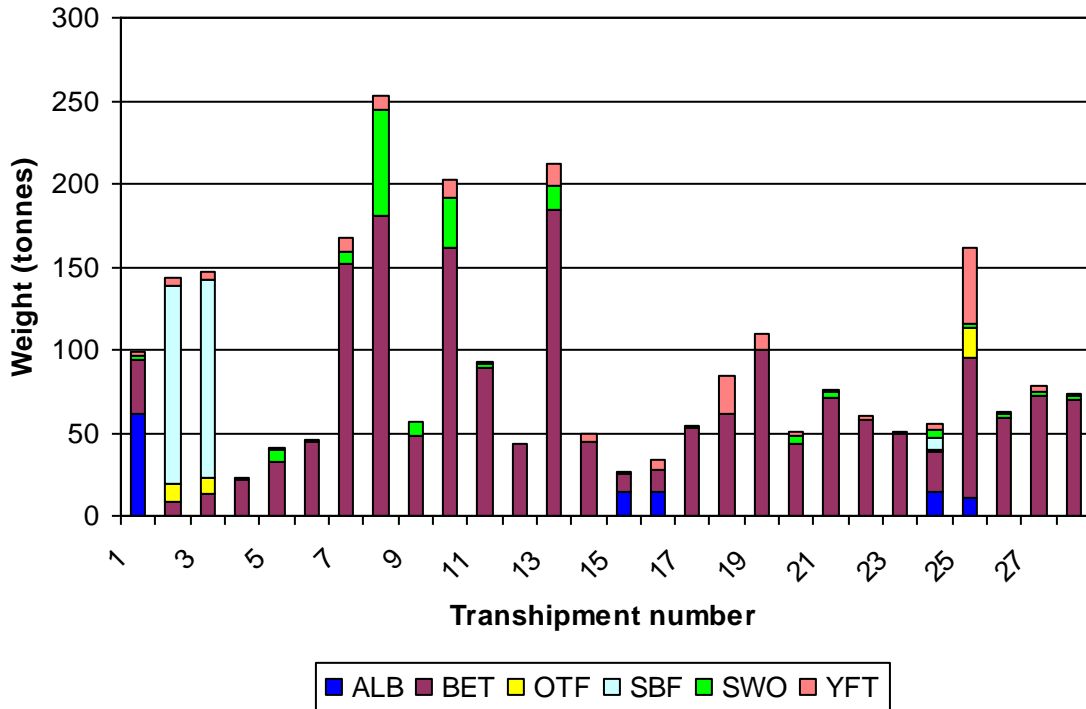


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	17.33
Atlantic blue marlin	<i>Makaira nigricans</i>	103.00
Bigeye tuna	<i>Thunnus obesus</i>	50.47
Butterfly kingfish	<i>Gasterochisma melampus</i>	13.04
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	122.00
Other fish Unclassified	N/A	5.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	54.80
Swordfish	<i>Xiphias gladius</i>	57.59
Yellowfin tuna	<i>Thunnus albacares</i>	33.23

Comments: The observer considered the amounts declared by the LSPLVs sufficiently accurate to be used as a basis to calculate the average weight of the fish per species. By using this average weight value for each species and the observer's estimation of the numbers of the species, a total estimated weigh was derived.

The CV did not make use of a hook scale.

The three most dominant species declared were; bigeye tuna (*Thunnus obesus*), southern bluefin tuna (*Thunnus maccoyii*) and yellowfin tuna (*Thunnus albacares*) and accounted for 87.97% of the fish transhipped.

The remaining species declared were (in descending order total weight); swordfish (*Xiphias gladius*), albacore (*Thunnus alalunga*), butterfly kingfish (*Gasterochisma*

melampus), Atlantic blue marlin (*Makaira nigricans*), opah (*Lampris guttatus*), wahoo (*Acanthocybium solandri*), dolphinfish (*Coryphaena hippurus*), Atlantic sailfish (*Istiophorus albicans*) and striped marlin (*Tetrapturus audax*).

The processing methods observed included;

	Species	DR	GG	FL	RD
Albacore	<i>Thunnus alalunga</i>				X
Atlantic blue marlin	<i>Makaira nigricans</i>		X		
Bigeye tuna	<i>Thunnus obesus</i>		X		
Butterfly kingfish	<i>Gasterochisma melampus</i>	X			
Marlins, sailfishes, etc.	<i>Istiophoridae</i>		X		
Other fish	N/A			X	
Southern bluefin tuna	<i>Thunnus maccoyii</i>		X		
Swordfish	<i>Xiphias gladius</i>	X		X	
Yellowfin tuna	<i>Thunnus albacares</i>		X		

DR=Dressed; GG=Gilled and gutted; FL=Fillet; OT=Other; RD = Round weight

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
2				Yes	20/09/20	25.33S	3.01E	06:40	100%
3				Yes	21/09/20	24.27S	2.55E	06:35	100%
24				Yes	14/10/20	10.58N	21.02W	03:25	100%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF) (tons)	Catch Monitoring Form Number	Tag series number (from – to)
2	9	2095	118.310		
3	9	2203	119.199		
24	9	165	7.443		

Comments: Each of the LSPLVs transhipping *Thunnus maccoyii* completed the CCSBT CMF to document the transhipment of the fish, and all the fish were marked with the prescribed tags.

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	19/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/09/20
2			Yes	20/09/20	Yes	Yes	Yes	Yes	Yes	Yes	08/06/23	Yes	Y	Yes	Yes	Yes	PB	10/09/20
3			Yes	21/09/20	Yes	Yes	Yes	Yes	Yes	Yes	23/11/23	Yes	Y	Yes	Yes	Yes	PB	20/09/20
4			Yes	22/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/08/21	Yes	Y	Yes	Yes	Yes	PB	21/09/20
5			Yes	26/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	25/09/20
6			Yes	28/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	28/09/20
7			Yes	29/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	28/09/20
8			Yes	30/09/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	30/09/20
9			Yes	01/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	30/09/20
10			Yes	01/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	30/09/20
11			Yes	04/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Y	Yes	Yes	Yes	PB	02/10/20
12			Yes	05/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	04/10/20
13			Yes	06/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	05/10/20
14			Yes	07/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	06/10/20
15			Yes	07/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	06/10/20
16			Yes	07/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	06/10/20
17			Yes	08/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	08/10/20
18			Yes	08/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	08/10/20
19			Yes	09/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	08/10/20

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	10/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	10/10/20
21			Yes	10/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/01/21	Yes	Y	Yes	Yes	Yes	PB	09/10/20
22			Yes	11/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	10/10/20
23			Yes	11/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/03/21	Yes	Y	Yes	Yes	Yes	PB	10/10/20
24			Yes	14/10/20	Unk	Unk	Unk	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	13/10/20
25			Yes	14/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	13/10/20
26			Yes	18/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	17/10/20
27			Yes	19/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	18/10/20
28			Yes	19/10/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	18/10/20

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

Comments. All LSPLV involved with fish transhipments were boarded and inspection were performed without any problems.

Table 9 **Comments on LSPLV checks**

No	Comments
26	<p>The LSPLV markings did not comply with section 3.2.1 of the FAO Standard specifications for the marking and identification of fishing vessels. All the markings were applied with light blue paint on a white background and not a black on a white background or white on black background specified. The markings were legible.</p> <p>Figure 3 Markings of the xxx</p>
27	<p>The LSPLV markings did not comply with section 3.2.1 of the FAO Standard specifications for the marking and identification of fishing vessels. All the markings were applied with light blue paint on a white background and not a black on a white background or white on black background specified. The markings were legible.</p> <p>Figure 4 Markings of xxx</p>
28	<p>The LSPLV markings did not comply with section 3.2.1 of the FAO Standard specifications for the marking and identification of fishing vessels. All the markings were applied with light blue paint on a white background and not a black on a white background or white on black background specified. The markings were legible.</p> <p>Figure 5 Markings of the xxx</p>

All LSPLV involved in ROP transshipments complied with the required inspection and no Potential Non Compliance (PNC) reports were made during the trip.

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

9 Other Observer Tasks.

9.1 CV waste disposal

Most of the garbage were kept on board or incinerated, while food waste was disposed at sea.

9.2 Unidentified or IUU vessels

No IUU vessels were spotted during the voyage.

9.3 Marine mammals.

Dolphins were observed swimming and wondering around during transshipment No.27.
Position: 03.28S / 008.49W

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
19/10/2020	08:00	03.28S	008.48W	Dolphins	35	Wondering around.

10 Health and Safety on board the CV

Concerns were observed thru the trip about the global situation on the COVID-19. All crew and officers were aware of implications of the pandemic and the safety measurements were implemented. The Ibuki is a well-managed vessel and the observer did not have any 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	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		19/09/2020	21.18S	003.49E	Dry cargo.

ICCAT

Observer Report



Trip Number:	249-20
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Christian Louw
Cruise Dates:	From: 17/10/2020 To: 08/12/2020

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG limited and Capricorn fisheries Monitoring CC, Christian Louw (ROP No.196) joined the Japanese 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 17/10/2020 to 08/12/2020.

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 (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
Vessel monitoring system (present/absent):	JRC JUE-95VM IMMERSAT C		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	17/10/2020
Date of departure	19/10/2020
Method of embarkation	In port
Date of first transshipment	23/10/2020
Date of last transshipment	03/12/2020
Port of return	Cape Town
Date of return	08/12/2020
Date of disembarkation	08/12/2020
Method of disembarkation	In port

*(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 20 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.

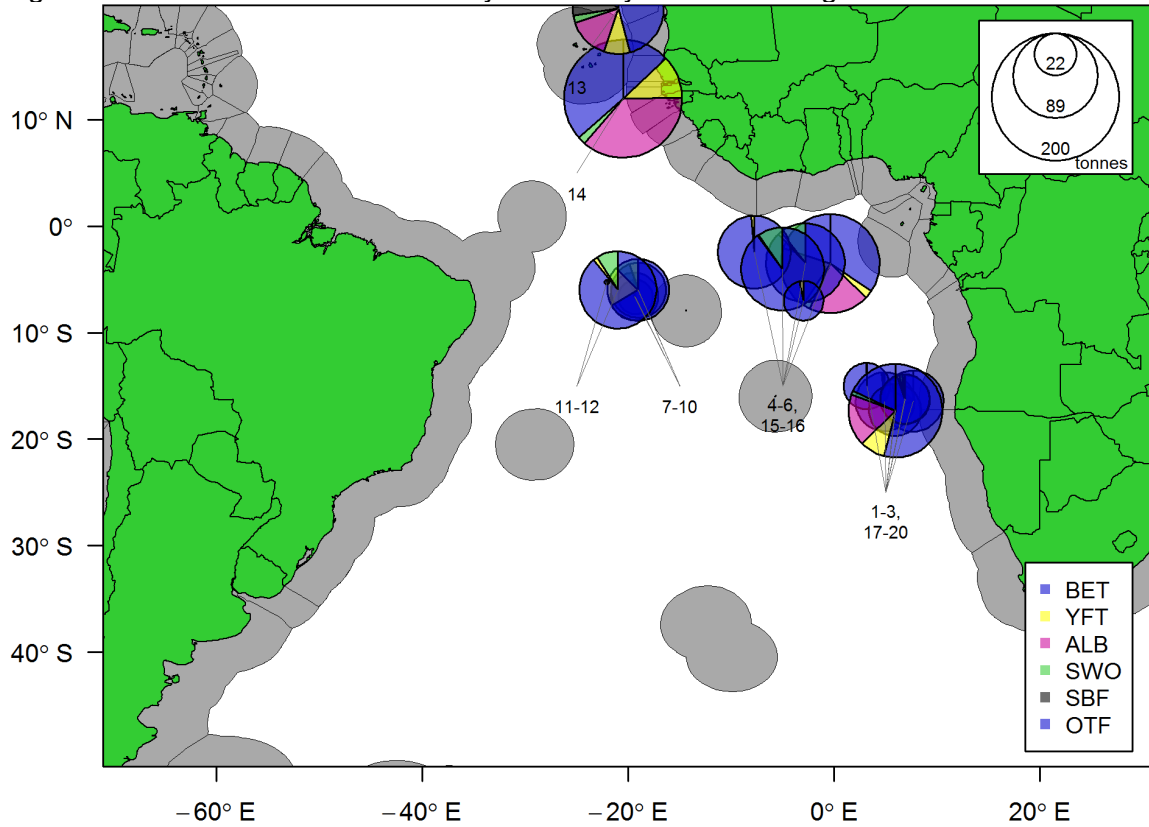


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	10
xxx	10

Comments: The CV engaged in 3 non ROP cargo transhipments at sea and also conducted 4 transhipments in port. Further details are provided in Tables 13 and 14.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	24/10/20	16°25.4 S	007°38.8 E	08:15	100.00%
2				Yes	25/10/20	16°28.3 S	004°55.6 E	05:40	100.00%
3				Yes	26/10/20	15°01.8 S	003°10.5 E	04:25	100.00%
4				Yes	29/10/20	03°30.7 S	000°23.3 W	04:20	100.00%
5				Yes	30/10/20	03°26.1 S	002°48.2 W	04:00	100.00%
6				Yes	31/10/20	02°27.9 S	007°46.8 W	04:35	100.00%
7				Yes	03/11/20	06°01.7 S	019°00.9 W	01:10	100.00%
8				Yes	03/11/20	05°59.6 S	019°02.2 W	00:50	100.00%
9				Yes	04/11/20	06°39.8 S	019°17.7 W	02:00	100.00%
10				Yes	05/11/20	06°36.4 S	019°24.2 W	01:05	100.00%
11				Yes	06/11/20	05°60 S	021°00.6 W	02:45	100.00%
12				Yes	07/11/20	05°15.3 S	022°04.1 W	05:00	100.00%
13				Yes	12/11/20	20°26.7 N	020°58.6 N	02:05	100.00%
14				Yes	23/11/20	11°58.5 N	020°30.2 W	02:20	100.00%
15				Yes	27/11/20	04°01.7 S	005°01.3 W	02:50	100.00%
16				Yes	28/11/20	07°00.2 S	002°58.3 W	01:15	100.00%
17				Yes	01/12/20	16°18 S	006°54.1 E	01:25	100.00%
18				Yes	01/12/20	16°13.7 S	006°51.8 E	01:15	100.00%
19				Yes	03/12/20	17°19.3 S	005°57.2 E	01:30	100.00%
20				Yes	03/12/20	17°15.2 S	005°54.7 E	06:05	100.00%

Comments: All vessels were observed for the full duration of the transhipment.

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	23.583	24.043	21.447	21.803	4.532	3.928	67.186	67.419	116.748	117.193	0.45	0.38%
2	50.187	50.482	9.888	10.169	2.974	2.909	16.469	16.37	93.12	93.803	0.68	0.73%
3	43.982	44.545	1.298	3.367	3.191	3.269	25.684	25.904	100.132	103.814	3.68	3.55%
4	72.228	72.516	1.198	1.118	8.952	8.8	0	0	82.378	82.434	0.06	0.07%
5	69.083	69.441	0.889	0.889	0	0	0	0	69.972	70.33	0.36	0.51%
6	84.562	82	0.36	0.393	8.926	8.993	0	0	93.848	91.386	-2.46	-2.69%
7	20.306	20.143	0.684	0.684	0	0	0	0	20.99	20.827	-0.16	-0.78%
8	14.625	14.791	0.931	0.931	0	0	0	0	15.556	15.722	0.17	1.06%
9	31.6	30	0.16	0.2	0	0	0	0	31.76	30.2	-1.56	-5.17%
10	38	38	2.126	2.126	0	0	0	0	40.126	40.126	0.00	0.00%
11	32.615	33.583	10.526	10.566	5.453	6.362	0	0	48.594	50.511	1.92	3.80%
12	72.265	70.547	1.244	1.33	7.16	7.274	0	0	80.669	79.151	-1.52	-1.92%
13	29.423	29.265	10.202	9.991	17.052	15.78	5.233	5.086	61.91	60.122	-1.79	-2.97%
14	32.439	34.646	0.146	0.164	3.052	3.052	5.756	5.837	41.393	43.699	2.31	5.28%
15	45.731	44.843	0.119	0.179	0.575	0.575	0	0	46.425	45.597	-0.83	-1.82%
16	28.672	28.372	0.034	0.069	0	0	0	0	28.706	28.441	-0.27	-0.93%
17	35.491	35.619	0.25	0.322	0.18	0.09	0	0	35.921	36.031	0.11	0.31%
18	30.849	31.05	0.086	0.173	0.679	0.389	0.468	0.455	32.082	32.067	-0.01	-0.05%
19	30.729	30.535	0.485	0.539	0.606	0.606	0.496	0.496	32.316	32.176	-0.14	-0.44%
20	61.386	62.843	12.466	10.26	2.026	1.574	21.439	21.161	97.317	95.838	-1.48	-1.54%

Comments: No differences bigger than 10% between that of the declaration and the observed totals were experienced, the biggest difference present was -3.19%

The species reflected under the column "Other" included; albacore (*Thunnus alalunga*), Southern bluefin tuna (*Thunnus maccoyii*) and Atlantic blue marlin (*Makaira nigricans*).

6 Species and weight transferred

The carrier vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in [Figure 1](#). La autoreferencia al marcador no es válida., a breakdown by transshipment is shown in [Figure 2](#). No se encuentra el origen de la referencia. and average weights by species are shown in [Figure 3](#). Proportions, by weight, of fish species transferred by transshipment.

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>	N	0.00	0.00%	8.28	0.71%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	129.72	11.09%
Albacore	<i>Thunnus alalunga</i>	Unk	138.39	11.83%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	2.64	0.23%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	2.09	0.18%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	4.34	0.37%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	847.26	72.45%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	847.76	72.46%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0.00	0.00%	26.73	2.29%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	39.58	3.38%	13.87	1.19%
Swordfish	<i>Xiphias gladius</i>	All	0.00	0.00%	6.36	0.54%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	18.83	1.61%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	38.41	3.28%
Swordfish	<i>Xiphias gladius</i>	Unk	65.36	5.59%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	75.27	6.44%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	74.54	6.37%	0.00	0.00%

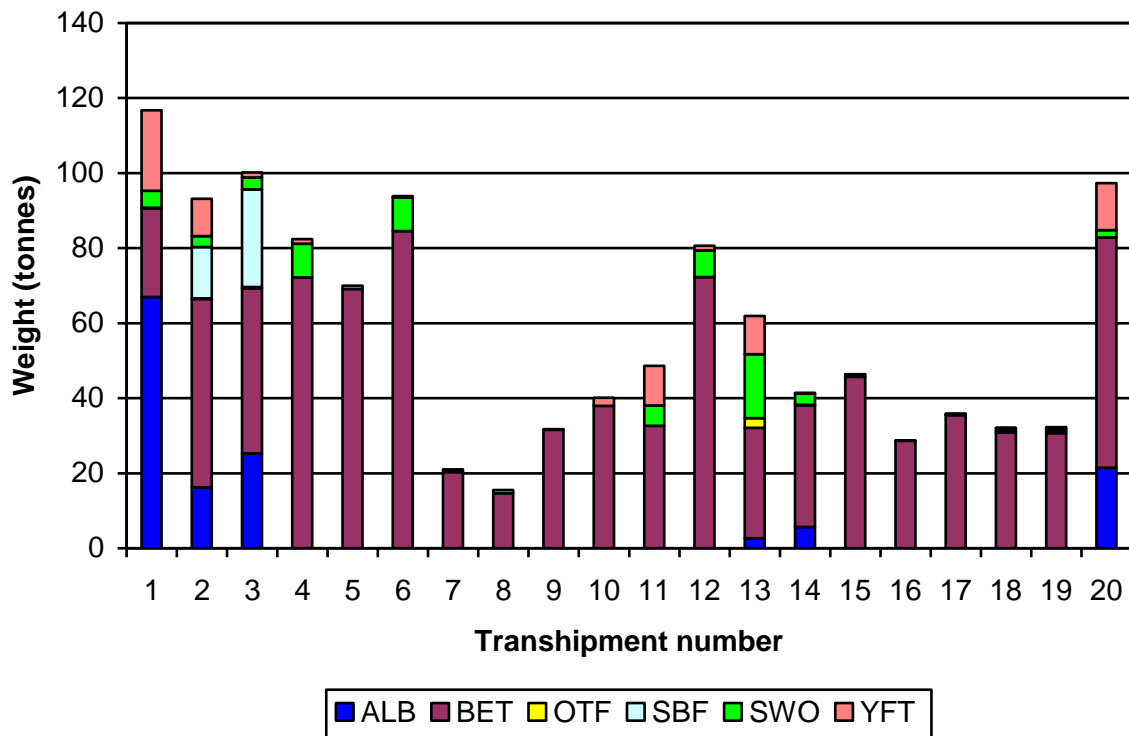


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average processed weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	13.15
Atlantic blue marlin	<i>Makaira nigricans</i>	144.63
Bigeye tuna	<i>Thunnus obesus</i>	43.21
Southern bluefin tuna	<i>Thunnus maccoyii</i>	49.23
Swordfish	<i>Xiphias gladius</i>	37.50
Yellowfin tuna	<i>Thunnus albacares</i>	34.05

Comments:

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	<i>Thunnus alalunga</i>	Gilled & gutted	2528
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	135474
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	4644
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	82
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	847264
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Gilled & gutted	40602
Swordfish	<i>Xiphias gladius</i>	Dressed weight	37008
Swordfish	<i>Xiphias gladius</i>	Fillet	26593
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	75273

Comments: During trip No. 249-20 there were 6 different species transhipped namely *Thunnus alalunga* (albacore), *Makaira nigricans* (Atlantic Blue Marlin), *Thunnus obesus* (bigeye tuna), *Thunnus maccoyii* (Southern bluefin tuna), *Xiphias gladius* (swordfish) and

Thunnus albacares (yellowfin Tuna). The product types for each species were as outlined in Table 6.

For transhipments with large strings as well as *Thunnus alalunga* transferred in nets, an average was used to determine totals. This was done by dividing the total weight of the string by the average of the species being transferred. When large strings consisted of more than one species the species that were less present on the string were counted and the remainder of the weight of the string were then divided by the average of the species most present.

Transhipments where there were only 2 or 3 species transferred and/or the strings were small the observer counted the species on the strings from the deck of the CV.

The CV made use of a hook scale which assisted in the estimation of the amounts transhipped. The officers provided the observer with a copy of the scale tally sheet for each transhipment.

7 Southern bluefin tuna transhipments

Table 7 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
2				Yes	25/10/20	16°28.28 S	004°55.63 E	05:40	100.00%
3				Yes	26/10/20	15°01.83 S	003°10.53 E	04:25	100.00%

Table 8 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)
2	9	256	13.873		0913 to 1168
3	9	569	26.724		0742 to 1310

Comments: The *T. maccoyii* transhipped were all tagged in the prescribed manner. The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring (CMF) was completed and signed by the master of the CV, the master of the LSPLV and the observer.

8 LSTLV Checks

No checks were carried out during this deployment.

Table 9 Summary of boarding reports from LSTLVs.

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

Comments.

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

Key: Y: Yes; N: No; U: Unknown.

Table 10 **Comments on LSTLV checks**

No	Comments
11	The markings of the International radio Call Sign was slightly worn but still legible.
13	The Transshipment Declaration did not indicate the catch areas as defined by ICCAT, but instead differentiated the catch areas between Morocco and Mauritania.
14	The Transshipment Declaration did not indicate the catch areas as defined by ICCAT, but instead differentiated the catch areas between Morocco and Mauritania. The observer estimated almost twice the amount for swordfish (<i>X. gladius</i>) as compared to the declared amount.

The observer made no Potential Non Compliance (PNC) reports.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
NA						

9 Other Observer Tasks.

9.1 CV waste disposal

The CV collected waste in separate waste categories. An incinerator was used to dispose of combustible material while all other waste was retained on board, except for bio-degradable kitchen waste.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during the deployment.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
19/10/20	16:15	29° 09S	14° 55E	Humpback (<i>Megaptera novaeangliae</i>)	±4	Jumping
23/10/20	11:30	16° 04S	07° 22E	Humpback (<i>M. novaeangliae</i>)	±6	Heading North
26/10/20	11:36	09° 52S	01° 29E	Humpback (<i>M. novaeangliae</i>)	±12	Heading South
05/12/20	13:00	22° 27S	13° 25E	Common dolphin (<i>Delphinus delphis</i>)	±100	Following ship, heading South
05/12/20	13:15	22° 27S	13° 25E	Cape fur seal (<i>Arctocephalus pusillus</i>)	±10	Floating
05/12/20	13:15	22° 27S	13° 25E	Penguin (Unidentified)	±15	Heading South

10 Health and Safety on board the CV

11 Submitting Report to the Master

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

Yes	No
X	

Table 13 Non ROP Transhipments at Sea

Vessel	Call sign	Reg. No.	RFMO Number	Date	Lat	Lon	Comments
				23-10-2020	16° 00 S	07° 18 E	Oil, food and bait
				24-10-2020	16° 29 S	07° 41 E	Oil and bait
				12-11-2020	20° 28 S	20° 54 W	Oil and bait

Table 14 Non ROP Fish Transhipped in Port

Vessel	Call sign	Reg. No.	RFMO Number	Date	ALB	BET	BFT	YFT	SWO	Other
1				14/11/20	1.336	41.080	63.046	20.684	2.104	3.332
2				15/11/20	6.094	32.885	63.069	15.008	1.008	2.087
3				19/11/20	13.804	11.214	63.137	1.805	0.970	2.135
4				20/11/20	0.000	84.442	69.002	47.283	0.000	0.000

ICCAT

Observer Report



Trip Number:	250-20
Vessel Name:	FENG LU
ICCAT Ref. No.	AT000PAN00225
Observer Name:	Peet Botes
Cruise Dates:	From: 06/11/2020 To: 18/12/2020

1 Cruise Summary

In accordance with the bilateral agreement between Van Ocean Shipping Co.,Ltd and Capricorn Fisheries Monitoring cc, Peet Botes (ROP No. 161) joined the *Panama* registered Carrier Vessel (CV) *Feng Lu* (RFMO No. AT000PAN00225) 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 06/11/2020 to 18/12/2020.

The objective of the assignment was to monitor transshipments from Large Scale Pelagic Longline Vessels (LSPLVs), 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:	FENG LU	Call sign:	3ERI4
Port of registration:	PANAMA	Flag State:	PANAMA
Owner:	TILLAGE SEA PTE.LTD	Charterer:	VAN OCEAN SHIPPING CO.,LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4422.86m ³
Size (GRT):	3519t	Length (LOA):	105.37m
Vessel monitoring system (present/absent):	Present: Thrane & Thrane (Sailor) Capsat 6194 terminal control unit TT3027D Antennae		
Tuna products already on board (Quantity)	Yes (202.23t)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	06/11/2020
Method of embarkation*	Portside
Date of departure	07/11/2020
Date of first transshipment	17/11/2020
Date of last transshipment	03/12/2020
Date of return	18/12/2020
Date of disembarkation	18/12/2020
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 8 transhipments at sea, the locations are shown in detail in

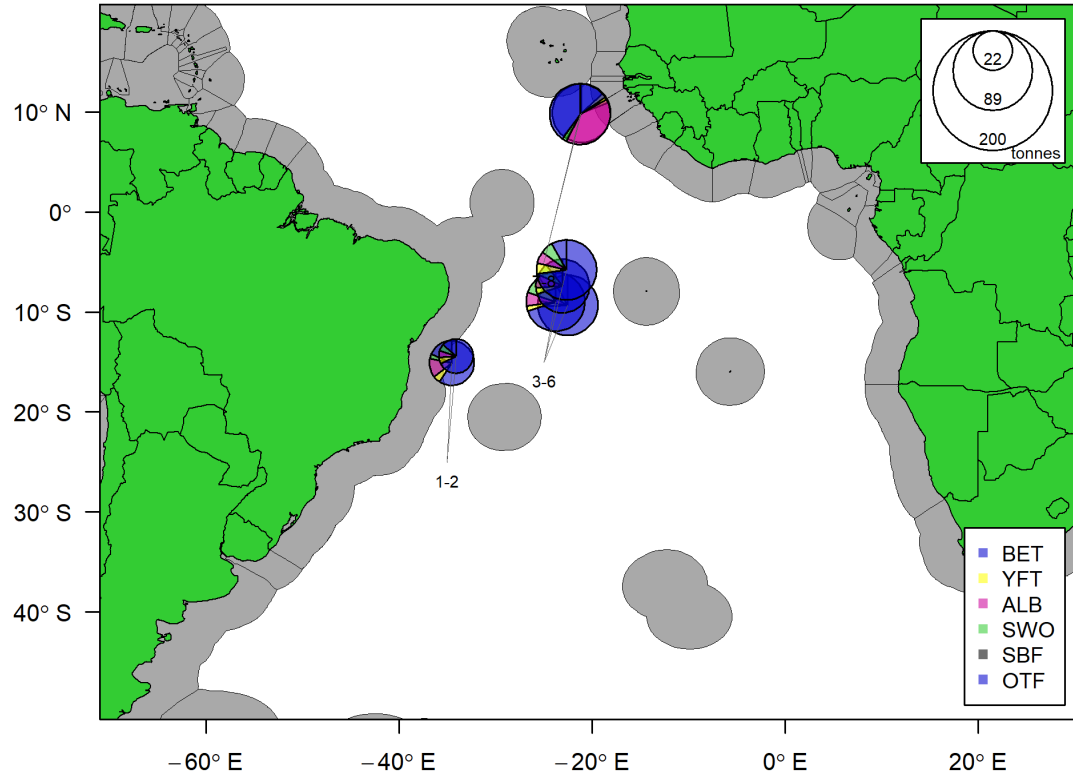


Figure 1, and the numbers received by nationality of vessel are given in Table 1.

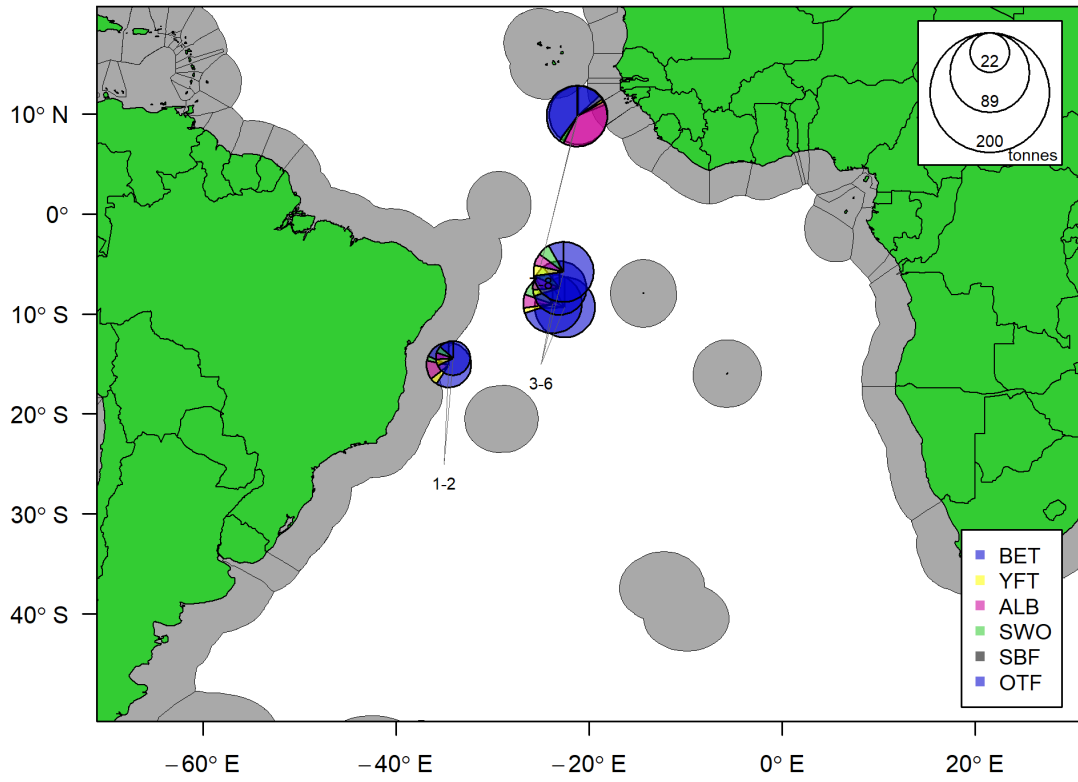


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	8

Comments: The CV also carried out 10 non-ROP transhipments with six of the XXX flagged LSPLVs given in Table 1. Further details are given 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	17/11/2020	15°05.773 S	034°32.687 W	04:44	100
2				Yes	18/11/2020	14°24.572 S	034°05.992 W	04:07	100
3				Yes	21/11/2020	09°19.49 S	022°31.168 W	05:30	100
4				Yes	22/11/2020	08°58.956 S	023°47.42 W	05:12	100
5				Yes	23/11/2020	07°24.217 S	023°03.596 W	03:51	100
6				Yes	24/11/2020	05°47.549 S	022°39.609 W	05:58	100
7				Yes	02/12/2020	09°53.011 N	021°06.752 W	03:02	100
8				Yes	03/12/2020	09°46.451 N	021°16.301 W	01:32	100

Comments:

No Catch Documents were inspected due to any southern bluefin tuna being transhipped during this deployment. Vessels were not boarded for inspection as a precaution due to the Covid-19 pandemic, but the logbook/ATF were passed to the observer.

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	11703.55	12226.00	6235.63	5762.00	2114.35	2016.00	32605.72	37095.00	52659.25	57099.00	4439.75	7.78
2	15559.19	15731.00	1826.20	1588.00	2596.88	2497.00	37034.03	40682.00	57016.31	60498.00	3481.70	5.76
3	69744.61	73912.00	1620.87	2745.00	8289.99	8181.00	8419.59	8369.00	88075.06	93207.00	5131.94	5.51
4	64021.31	66323.00	1721.30	2492.00	8708.85	9595.00	10394.81	9033.00	84846.27	87443.00	2596.73	2.97
5	55953.17	55377.00	2183.52	3127.00	6221.10	5771.00	7907.39	8335.00	72265.18	72610.00	344.83	0.47
6	70369.61	72091.00	3807.71	5806.00	6884.18	6640.00	8645.10	8273.00	89706.59	92810.00	3103.41	3.34
7	35017.08	32516.00	1724.87	2867.00	1581.53	1838.00	11107.03	10097.00	49430.50	47318.00	-2112.50	-4.46
8	21846.05	21764.00	1304.22	2097.00	2078.29	2033.00	3988.76	4356.00	29217.32	30250.00	1032.68	3.41

Comments: None.

6 Species and weight transferred

The vessel contained 202.23t 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.;** 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	105.97	20.25	113.31	20.94
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	12.85	2.46	11.67	2.16
Bigeye tuna	<i>Thunnus obesus</i>	All	344.21	65.79	349.94	64.66
Other fish Unclassified	N/A	All	1.283	0.25	1.258	0.23
Swordfish	<i>Xiphias gladius</i>	N	1.99	0.38	1.53	0.28
Swordfish	<i>Xiphias gladius</i>	S	36.48	6.97	37.04	6.84
Yellowfin tuna	<i>Thunnus albacares</i>	All	20.42	3.90	26.48	4.89

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

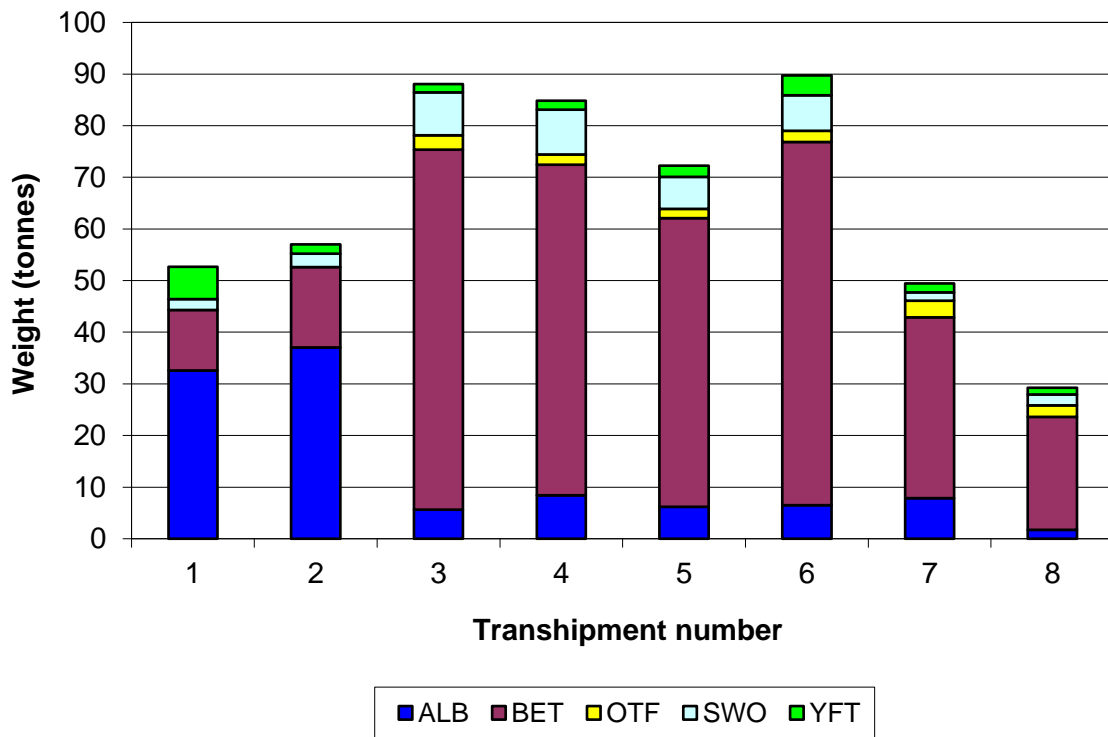


Table 5 Average weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	26.39
Atlantic blue marlin	<i>Makaira nigricans</i>	69.10
Bigeye tuna	<i>Thunnus obesus</i>	39.04
Other fish Unclassified	N/A	19.73
Swordfish	<i>Xiphias gladius</i>	47.15
Yellowfin tuna	<i>Thunnus albacares</i>	30.04

Comments:

BET and YFT were declared as Gilled & Guttled (GG); ALB as Round Weight (RD); and SWO as Dressed (DR) product.

The CV did not have a hook scale to weigh the product. Observed weight estimates were calculated using average weights derived from LSPLV reported weights and numbers.

It was not possible to consistently differentiate bigeye and yellowfin tuna transhipped in mixed strings. These species were therefore counted together, and the weight and number of each species estimated to be in the same proportion as declared in the transhipment declaration. It was also not possible to differentiate Northern and Southern stock of swordfish, and the same method was used to estimate the weights and numbers observed by 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			No	17/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	16/11/2020
2			No	18/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	17/11/2020
3			No	21/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	21/11/2020
4			No	22/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	21/11/2020
5			No	23/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	22/11/2020
6			No	24/11/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	23/11/2020
7			No	02/12/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	02/12/2020
8			No	03/12/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	No	Unk	Yes	PB	02/12/2020

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

Comments: LSPLVs were not boarded to caution against the Covid-19 virus. Consequently, VMS systems were not inspected.

Table 9 Comments on LSPLV checks

No	Comments
1	The vessel was not boarded to caution against the Covid-19 virus. The logbook was incomplete, as the activity codes were not filled, and individual pages were neither dated or signed by the vessel master (Figure 3).

	Figure 3 Incomplete logbook page from XXX
2	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
3	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
4	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
5	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
6	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
7	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.
8	The vessel was not boarded to caution against the Covid-19 virus. No non-compliance was observed.

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
1			25001	LEI		

A PNC was reported on 19/11/2020 for Chang Rong 2. However, on debriefing, the PNC was considered to not be valid and was therefore rescinded.

9 Other Observer Tasks.

9.1 CV waste disposal

Waste disposal consisted of separating and storing garbage by type. However, organic waste such as food and cooking leftovers were thrown overboard whilst at sea.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during this deployment.

9.3 Marine mammals.

Table 11 shows marine mammal sightings made during this deployment.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
04/12/2020	17:20 (GMT)	8°18.213' N	21°20.291' W	Unknown (Dolphin)	20	Resting/Socialising

10 Health and Safety on board the CV

The only potential Health & Safety concern was that no safety / emergency drills were conducted while the observer was onboard the CV.

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	From	Comments
		17/11/2020	15°08.875' S	34°36.876' W	CV	The CV transhipped 15 bottles of 22.7kg Chlorodifluoromethane to the LSPLV.
		21/11/2020	9°16.765' S	22°37.531' W	CV	The CV transhipped 5 bottles of 22.7kg Chlorodifluoromethane to the LSPLV.
		23/11/2020	7°22.052' S	23°08.191' W	CV	The CV transhipped 15 bottles of 22.7kg Chlorodifluoromethane to the LSPLV.
		24/11/2020	5°47.958' S	22°39.039' W	CV	The CV transhipped 25 bottles of 22.7kg Chlorodifluoromethane to the LSPLV.
		02/12/2020	9°53.120' N	21°06.603' W	CV	The CV transhipped 35 bottles of 13.6kg Chlorodifluoromethane to the LSPLV.
		02/12/2020	9°52.047' N	21°08.191' W	LSPLV	The LSPLV discharged 4000 (10kg) cases of bait to the CV.
		03/12/2020	9°46.697' N	21°16.172' W	CV	The CV transhipped 35 bottles of 13.6kg Chlorodifluoromethane to the LSPLV.
		03/12/2020	9°45.901' N	21°16.295' W	LSPLV	The LSPLV discharged 4500 (10kg) cases of bait to the CV.
		04/12/2020	9°39.111' N	21°19.906' W	CV	The CV discharged 2000 (10kg) cases of bait to the LSPLV.
		04/12/2020	8°18.370' N	21°19.824' W	CV	The CV discharged 1500 (10kg) cases of bait to the LSPLV.

ICCAT

Observer Report



Trip Number:	251/20
Vessel Name:	CHIKUMA
ICCAT Ref. No.	AT000LBR00003
Observer Name:	LEVENT ALI ERKAL
Cruise Dates:	From: 19/12/2020 To: 03/03/2021

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries Monitoring CC, Levent Ali Erkal (ROP no.148) joined the Liberian registered Carrier Vessel (CV) Chikuma (RFMO no. 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 19/12/2020 to 03/03/2021.

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:	CHIKUMA	Call sign:	D5JI4
Port of registration:	MONROVIA	Flag State:	LIBERIA
Owner:	Oceanwide Shipping S.A	Charterer:	M.R.S. CO.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,945,44
Size (GRT):	2,930	Length (LOA):	134.15
Vessel monitoring system (present/absent):	Present, CLS		
Tuna products already on board (Quantity)	0		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Panama City, Panama
Date of embarkation	19/12/2020
Date of departure	21/12/2020
Method of embarkation	Transfer vessel in port
Date of first transshipment	01/01/2021
Date of last transshipment	12/02/2021
Port of return	Port Louis, Mauritius
Date of return	01/03/2021
Date of disembarkation	03/03/2021
Method of disembarkation	Portside

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

Due to quarantining requirements in Mauritius from vessels arriving from South Africa, the Chikuma's port call to Cape Town was cancelled in favour of disembarking the observer in Port Louis. Limited flight availability and the requirement for Covid-19 PCR testing prior to disembarkation, delayed repatriation. The observer was able to return home on the 8th March 2021.

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

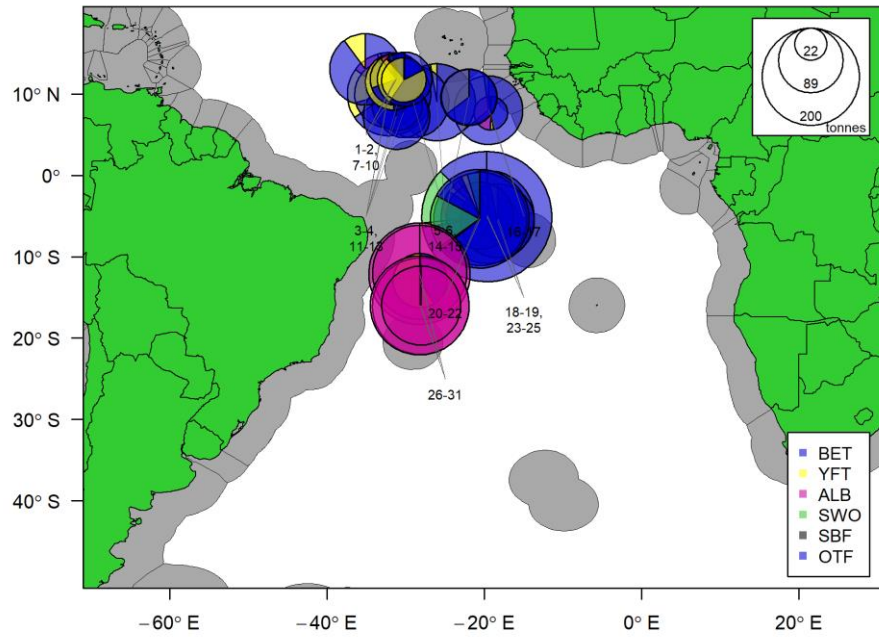


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

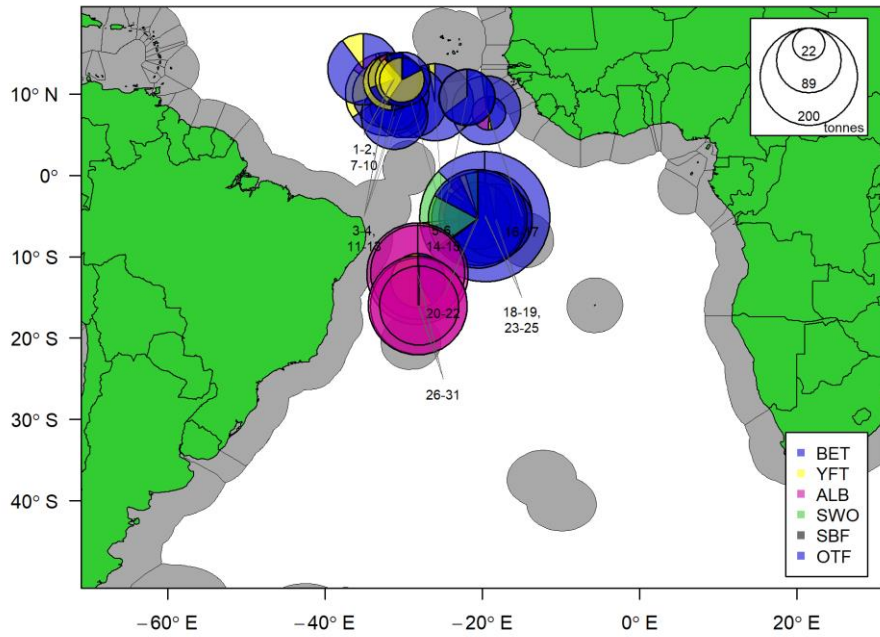


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	3
XXX	11
XXX	14
XXX	1
XXX	2

Comments: : Eight Non-ROP transhipments were conducted during the deployment. Please see **Table 13** for details.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Lat	Lon	Transhi pment time	% Obser ved
1				N	01/01/2021	13°02.306 N	035°08.04 W	03:54	100
2				N	02/01/2021	11°29.585 N	031°32.475 W	01:21	100
3				N	03/01/2021	09°58.911 N	032°07.024 W	03:39	100
4				N	03/01/2021	09°58.508 N	032°15.061 W	05:34	100
5				N	04/01/2021	09°03.716 N	029°04.062 W	03:37	100
6				N	05/01/2021	08°59.28 N	026°02.541 W	03:12	100
7				N	16/01/2021	11°45.363 N	031°16.9 W	07:22	100
8				N	17/01/2021	11°49.674 N	031°10.583 W	05:13	100
9				N	18/01/2021	11°48.446 N	030°08.496 W	03:25	100
10				N	18/01/2021	11°43.538 N	030°14.032 W	03:47	100
11				N	19/01/2021	08°35.73 N	031°05.817 W	04:28	100
12				N	20/01/2021	07°17.008 N	031°10.843 W	04:32	100
13				N	21/01/2021	07°40.088 N	030°16.808 W	05:32	100
14				N	23/01/2021	09°37.343 N	021°57.785 W	02:38	100
15				N	23/01/2021	09°35.383 N	021°57.814 W	02:32	100
16				N	24/01/2021	08°00.645 N	019°29.819 W	02:31	100
17				N	24/01/2021	07°39.031 N	019°11.094 W	02:23	100
18				N	27/01/2021	05°03.728 S	019°41.879 W	12:33	100
19				N	27/01/2021	05°06.722 S	019°35.628 W	09:04	100
20				N	31/01/2021	05°21.036 S	020°32.026 W	01:54	100
21				N	31/01/2021	05°19.265 S	020°35.086 W	01:31	100
22				N	01/02/2021	04°56.923 S	020°34.612 W	05:38	100
23				N	02/02/2021	05°34.452 S	018°20.615 W	03:19	100
24				N	03/02/2021	05°24.055 S	018°15.003 W	05:11	100
25				N	04/02/2021	04°53.355 S	019°38.818 W	10:49	100
26				N	07/02/2021	12°05.058 S	028°15.344 W	09:02	100
27				N	08/02/2021	11°53.941 S	028°13.219 W	06:50	100
28				N	09/02/2021	12°55.398 S	028°10.245 W	02:14	100
29				N	10/02/2021	16°03.61 S	028°05.467 W	06:29	100
30				N	11/02/2021	15°58.977 S	028°12.99 W	08:02	100
31				N	12/02/2021	15°59.002 S	028°02.564 W	05:17	100

Comments: All transhipments were fully observed and estimations could be made by the observer confidently. No vessels were boarded as a precaution during the COVID-19 pandemic.

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	45,372	47,837	28,636	25,096	1,272	1,517	0	0	75,280	74,450	-0.83	-1.11
2	8,672	8,392	669	502	324	324	8,154	8,459	17,819	17,677	-0.14	-0.80
3	90,453	91,088	3,112	2,473	0	0	0	0	93,565	93,561	0.00	0.00
4	77,678	76,943	3,527	3,998	0	0	0	0	81,205	80,941	-0.26	-0.33
5	32,123	30,600	16,073	16,800	0	0	0	0	48,196	47,400	-0.80	-1.68
6	48,947	50,000	0	0	0	0	0	0	48,947	50,000	1.05	2.11
7	70,500	71,841	22,253	21,403	1,089	1,316	15,738	14,947	109,580	109,507	-0.07	-0.07
8	47,002	49,716	18,433	17,053	1,282	1,314	2,183	1,945	68,900	70,028	1.13	1.61
9	29,406	31,154	3,758	3,216	293	260	3,726	3,500	37,183	38,130	0.95	2.48
10	34,347	35,818	1,647	1,322	1,255	1,443	1,165	867	38,414	39,450	1.04	2.63
11	70,619	69,875	0	0	0	0	0	0	70,619	69,875	-0.74	-1.06
12	69,612	72,000	7,812	8,000	0	0	0	0	77,424	80,000	2.58	3.22
13	22,692	25,000	21,091	20,000	1,887	1,900	2,731	3,100	48,401	50,000	1.60	3.20
14	36,675	36,073	1,494	1,786	871	981	1,373	1,336	40,413	40,176	-0.24	-0.59
15	29,340	30,136	9,649	8,727	1,059	1,021	3,217	3,523	43,265	43,407	0.14	0.33
16	28,634	27,637	13,137	13,499	234	271	4,908	5,111	46,913	46,518	-0.39	-0.85
17	4,419	5,422	26,681	25,917	0	0	0	0	31,100	31,339	0.24	0.76
18	189,311	192,597	4,424	3,126	37,564	36,866	32,912	33,899	264,211	266,488	2.28	0.85
19	115,069	114,256	1,912	2,678	0	0	18,992	18,465	135,973	135,399	-0.57	-0.42
20	23,560	23,894	773	497	2,736	2,569	0	0	27,069	26,960	-0.11	-0.40
21	27,276	26,685	919	1,322	0	0	0	0	28,195	28,007	-0.19	-0.67
22	82,057	82,951	3,437	2,721	0	0	0	0	85,494	85,672	0.18	0.21
23	71,488	70,784	0	0	0	0	0	0	71,488	70,784	-0.70	-0.99
24	129,209	127,694	2,336	3,029	6,558	6,188	0	0	138,103	136,911	-1.19	-0.87
25	99,679	98,746	813	1,113	27,402	26,959	27,080	26,368	154,974	153,186	-1.79	-1.17
26	0	0	0	0	0	0	159,374	161,612	159,374	161,612	2.24	1.38
27	0	0	0	0	0	0	141,765	139,657	141,765	139,657	-2.11	-1.51
28	19,835	19,134	26,767	27,075	0	0	0	0	46,602	46,209	-0.39	-0.85
29	0	0	0	0	0	0	144,126	147,000	144,126	147,000	2.87	1.96
30	0	0	0	0	0	0	150,509	153,782	150,509	153,782	3.27	2.13
31	0	0	0	0	0	0	101,013	98,260	101,013	98,260	-2.75	-2.80

Comments:

TS#18; During the transshipment with the XXX, the XXX flagged XXX approached the CV for transshipment. The XXX cooling system had broken and needed to offload catch immediately before it thawed. The vessel masters agreed to suspend the transshipment with the XXX in favour of transshipping with the XXX. The interruption time and position was documented by the observer. The rest of the transshipment with the XXX continued on the 30th of January.

6 Species and weight transferred

The vessel contained no 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! No se encuentra el origen de la referencia..** Average weights by species are shown in **Figure 2 Proportions, by weight, of fish species transferred by transshipment.**

Table 5 and Product types transhipped by species are shown in Table 6.

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	26.83	1.02	25.42	0.96
Albacore	<i>Thunnus alalunga</i>	S	700.72	26.68	703.80	26.63
Atlantic blue marlin	<i>Makaira nigricans</i>	All	22.93	0.87	23.74	0.90
Atlantic blue marlin	<i>Makaira nigricans</i>	N	15.88	0.60	16.80	0.64
Atlantic blue marlin	<i>Makaira nigricans</i>	S	2.27	0.09	2.27	0.09
Bigeye tuna	<i>Thunnus obesus</i>	All	1503.98	57.27	1516.27	57.38
Oilfish	<i>Ruvettus pretiosus</i>	All	16.29	0.62	25.56	0.97
Opah	<i>Lampris guttatus</i>	All	1.37	0.05	1.58	0.06
Other fish Unclassified	N/A	All	32.18	1.23	32.09	1.21
Striped marlin	<i>Tetrapturus audax</i>	All	0.50	0.02	0.58	0.02
Swordfish	<i>Xiphias gladius</i>	All	38.84	1.48	1.52	0.06
Swordfish	<i>Xiphias gladius</i>	N	8.29	0.32	9.43	0.36
Swordfish	<i>Xiphias gladius</i>	S	36.70	1.40	71.98	2.72
Yellowfin tuna	<i>Thunnus albacares</i>	All	219.35	8.35	211.35	8.00

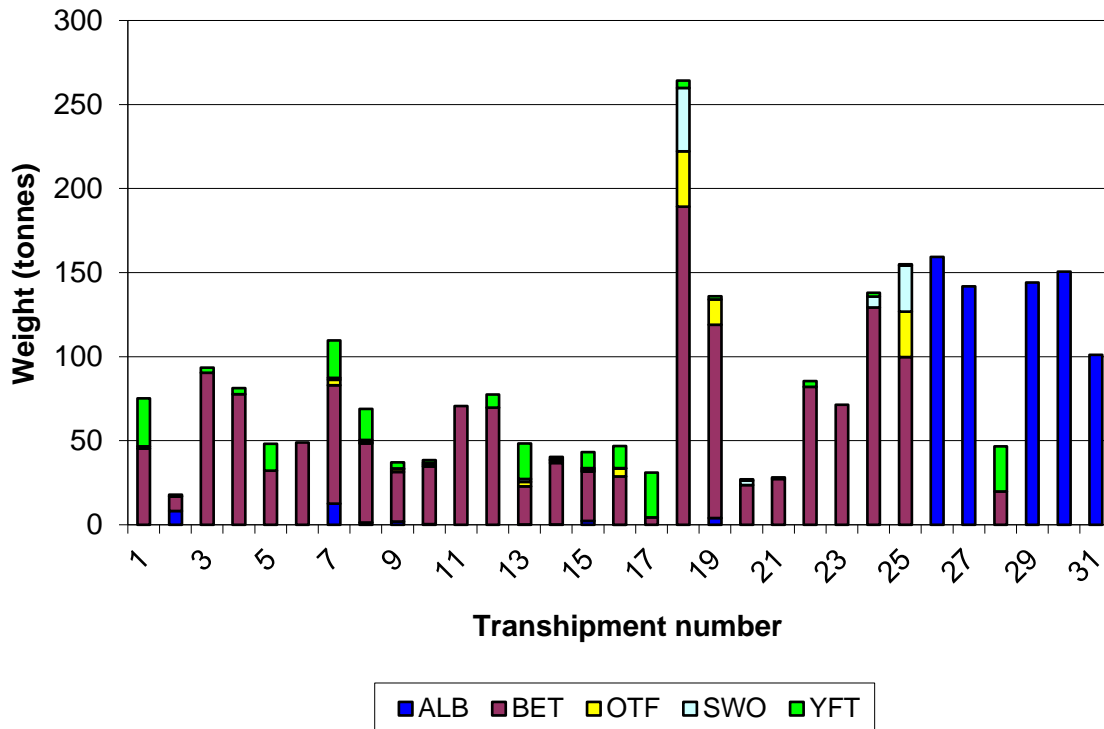


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average processed weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	25.10
Atlantic blue marlin	<i>Makaira nigricans</i>	93.15
Bigeye tuna	<i>Thunnus obesus</i>	49.19
Oilfish	<i>Ruvettus pretiosus</i>	16.56
Opah	<i>Lampris guttatus</i>	16.76
Other fish Unclassified	N/A	13.02
Striped marlin	<i>Tetrapturus audax</i>	18.63
Swordfish	<i>Xiphias gladius</i>	45.46
Yellowfin tuna	<i>Thunnus albacares</i>	40.01

Comments:

The main transhipped species during this deployment was *T. obesus* with 57.38% which was followed by *T. alalunga* with 27.59% and *T. albacares* with 8.00%.

The hook scale was not used by the CV during the deployment and the transshipment declarations were completed based on the LSPLVs' declarations. The numbers provided by the LSPLVs were used by the observer to calculate the average weights for each transhipped species.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	729,217
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	29,950
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	12,858
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	1,516,273
Oilfish	<i>Ruvettus pretiosus</i>	Dressed weight	15,562
Opah	<i>Lampris guttatus</i>	Dressed weight	1,576
Other fish Unclassified	N/A	Other	32,090
Striped marlin	<i>Tetrapturus audax</i>	Dressed weight	0,578
Swordfish	<i>Xiphias gladius</i>	Dressed weight	76,695
Swordfish	<i>Xiphias gladius</i>	Fillet	6,234
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	211,353

Comments: The most transhipped product type was gilled and gutted.

7 Southern bluefin tuna transhipments

Table 7 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

Table 8 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: None.

8 LSTLV Checks

Table 9 Summary of boarding reports from LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF					VMS		Logbooks			
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry	
1			N	01/01/21	Y	Y	Y	Y	Y	Y	08/06/23	Y	Y	Y	Y	Y	EL	31/12/20
2			N	02/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	01/01/21
3			N	03/01/21	Y	Y	Y	Y	Y	Y	26/09/21	Y	Y	Y	Y	Y	PB	02/01/21
4			N	03/01/21	Y	Y	Y	Y	Y	Y	30/03/21	Y	Y	Y	Y	Y	PB	02/01/21
5			N	04/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	03/01/21
6			N	05/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	04/01/21
7			N	16/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	15/01/21
8			N	17/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Unk	Y	EL	16/01/21
9			N	18/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Unk	Y	EL	17/01/21
10			N	18/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	18/01/21
11			N	19/01/21	Y	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	18/01/21
12			N	20/01/21	Y	Y	Y	Y	Y	Y	20/09/21	Y	Y	Y	Y	Y	PB	19/01/21
13			N	21/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	19/01/21
14			N	23/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	23/01/21
15			N	23/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	23/01/21
16			N	24/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	24/01/21
17			N	24/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	24/01/21
18			N	27/01/21	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	26/01/21
19			N	27/01/21	Y	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	PB	26/01/21
20			N	31/01/21	Y	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	PB	30/01/21
21			N	31/01/21	Y	Y	Y	Y	Y	Y	24/09/21	Y	Y	Y	Y	Y	PB	30/01/21
22			N	01/02/21	Y	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	PB	31/01/21
23			N	02/02/21	Y	Y	Y	Y	Y	Y	19/04/21	Y	Y	Y	Y	Y	PB	01/02/21

No	Name	Flag	Boarded	Date	Markings correct			ATF					VMS		Logbooks			
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry	
24			N	03/02/21	Y	Y	Y	Y	Y	31/03/99	Y	Y	Y	Y	Y	Y	PB	02/02/21
25			N	04/02/21	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PB	03/02/21
26			N	07/02/21	Y	Y	Y	Y	Y	31/08/21	Y	Y	Y	Y	Y	Y	PB	06/02/21
27			N	08/02/21	Y	Y	Y	Y	Y	31/08/21	Y	Y	Y	Y	Y	Y	PB	07/02/21
28			N	09/02/21	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	Y	PB	08/02/21
29			N	10/02/21	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	Y	PB	09/02/21
30			N	11/02/21	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	Y	PB	10/02/21
31			N	12/02/21	Y	Y	Y	Y	Y	31/12/21	Y	Y	Y	Y	Y	Y	PB	10/02/21

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

Comments: No vessels were boarded during this deployment. Paperwork was passed to the observer. This was done as a precaution against the spread of COVID-19.

Table 10 Comments on LSTLV checks

No	Comments
8	XXX The VMS photographed by the XXX master was obscured by the camera flash. The observer was unable to determine if VMS had power at the time of transshipment. This is not considered a PNC, just a comment on the quality of the photograph. Figure 3 XXX VMS Unit
9	XXX The VMS photographed by the XXX master was obscured by the camera flash. The observer was unable to determine if VMS had power at the time of transshipment. This is not considered a PNC, just a comment on the quality of the photograph. Figure 4 XXX VMS Unit

No PNC issues were observed during this deployment.

Table 11 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 LSPLVs 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 mammals were observed 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

On embarkation, both of the CV life rafts' service dates were due to expire on 28/01/2021. The servicing company provided a letter extending both expiry dates until 30/04/2021. The observer boarded without issue.



Figure 5 Life Raft Servicing Letter

11 Submitting Report to the Master

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

Yes	No
√	

Table 13 Non ROP Transhipments at Sea

Vessel	Call sign	RFMO Number	Date	Lat	Lon	Products	Comments
			02/01/2021 08:59	11°29.537 N	031°32.906 W	Goods	N/A
			02/01/2021 10:06	11°29.679 N	031°33.473 W	Goods	N/A
			02/01/2021 10:50	11°29.944 N	031°33.863 W	Goods	N/A
			04/01/2021 13:31	09°03.668 N	029°04.351 W	Fuel	N/A
			20/01/2021 07:15	06°59.953 N	031°00.591 W	Goods	N/A
			20/01/2021 08:49	06°59.018 N	031°01.637 W	Food	N/A
			21/01/2021 06:45	08°01.459 N	029°33.337 W	Baits	N/A
			04/02/2021 06:04	05°03.955 S	019°26.419 W	Fuel	N/A

Table 14 Non ROP Transhipments in Port

Vessel	Call sign	RFMO Number	Date	Port	Fish Transhipped?	Products	Comments
			14-Jan-21	Porto Grande St Vincent	Yes	Goods	None.
			09-Jan-21	Porto Grande St Vincent	Yes	Goods	None.
			11-Jan-21	Porto Grande St Vincent	Yes	Goods	None.
			13-Jan-21	Porto Grande St Vincent	Yes	Goods	None.
			12-Jan-21	Porto Grande St Vincent	Yes	Goods	None.
			08-Jan-21	Porto Grande St Vincent	Yes	Goods	None.

ICCAT

Observer Report



Trip Number:	252/20
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Taylan Tolga Koken
Cruise Dates:	From: 27/11/2020 To: 22/01/2021

1 Cruise Summary

The Japan registered Carrier Vessel (CV) Taisei Maru No.15 (RFMO No. AT000JPN00651) conducted a voyage transshipping tuna, and tuna-like species in the Atlantic Ocean from 27/11/2020 to 22/01/2021.

The consortium recorded information of transshipments from Large Scale Pelagic Longline Vessels (LSPLV), with the specific tasks to record these, as outlined by the Commission, were as follows:

- Record and report upon the transshipment activities carried out;
- Report the position of the vessel when engaged in transshipping;
- Verify the data contained in the transshipment declaration to be correct in accordance with the register of authorised vessels; and,
- Compile a general trip report collating all the information collected in accordance with the ICCAT Programme requirements.

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise, Japan	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 MT
Size (GRT):	4,969 Ton	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	None.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, SA
Date of embarkation	27/11/2020
Date of departure	29/11/2020
Method of embarkation	Portside
Date of first transshipment	08/12/2020
Date of last transshipment	14/01/2021
Port of return	Cape Town, SA
Date of return	22/01/2021
Date of disembarkation	22/01/2021
Method of disembarkation	Portside

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

The observer left home on 12/11/2020 to begin a 14 day quarantine period in Cape Town prior to embarkation on the Taisei Maru No.15. The observer produced a negative Covid-19 PCR test result prior to leaving home. The observer undertook this pre-embarkation quarantine period in the InnsCape hotel between 13/11/2020 – 26/11/2020. The observer boarded the vessel on the 27/11/2020 after producing another negative Covid-19 PCR result taken on the 25/11/2020.

At disembarkation, the observer was retested for Covid-19 in order to fly home. The observer was due to fly home on the 24/01/2021, however, due to a flight cancellation the day prior to repatriation, the observer was forced to remain in Cape Town until the 27/01/2021. Another negative Covid-19 PCR test was produced in order to fly. On the 28/01/2021 the observer began a mandatory 10 day quarantine period in Istanbul. The observer produced a further two negative Covid-19 PCR tests before being allowed to return home on the 07/02/2021.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 20 transshipments at sea. The locations are shown in detail in

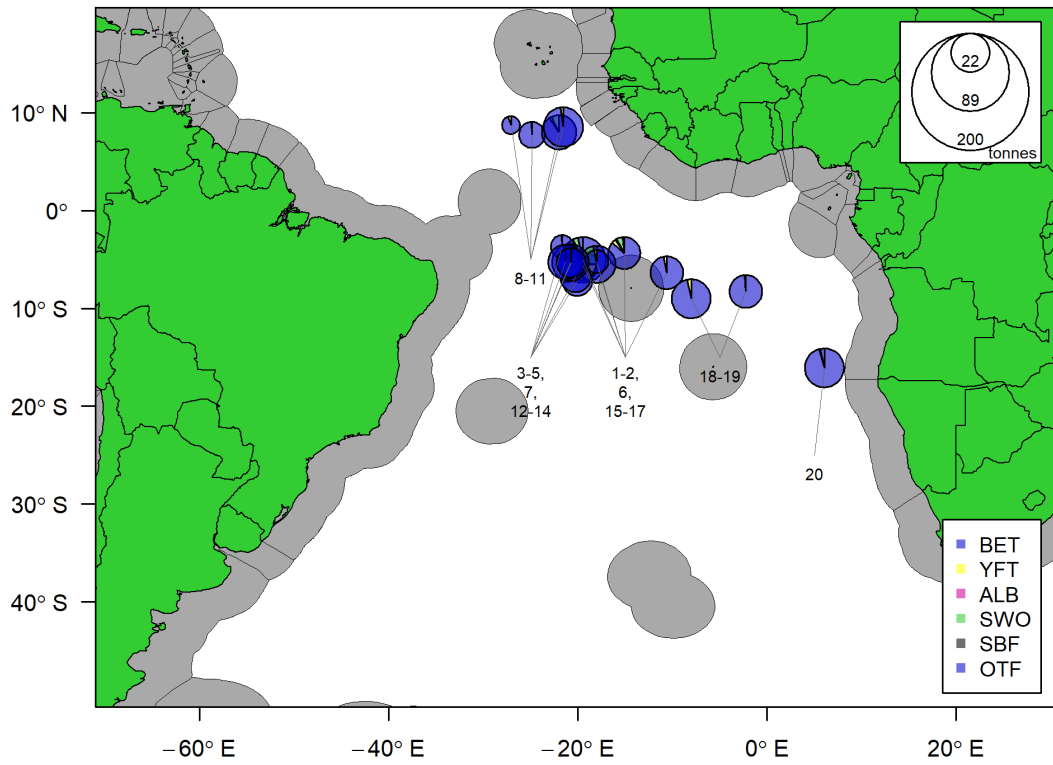


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

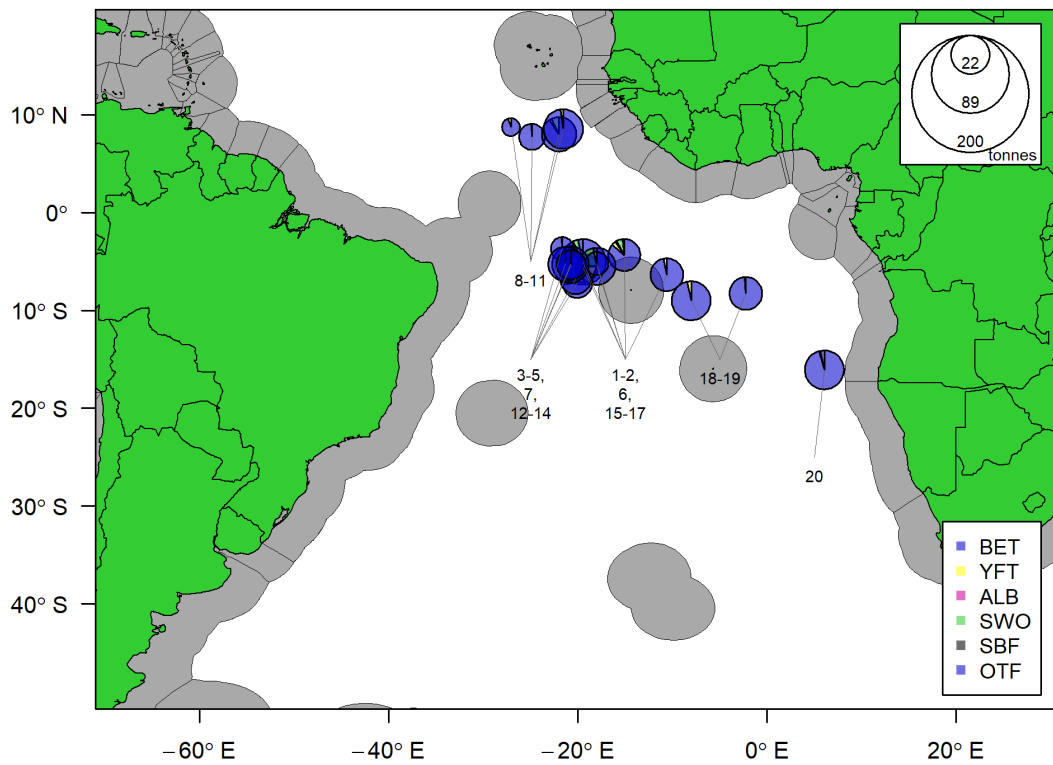


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	13
XXX	7

Comments: In addition to the 20 LSPLVs shown in Table 1, the CV conducted 12 non-ROP transshipments at sea and 9 in-port transshipments containing tuna and tuna-like species in Port Mindelo, Cape Verde that are listed in Table 13 and Table 14 Non ROP Transshipments in Port.

5 Summary of Transshipments Observed.

Table 2 Summary of transshipments.

No	Name	RFMO No	Flag	Inspected	Date	Lat	Lon	Transshipment time	% Observed
1				Yes	08/12/2020	06°20.688 S	010°35.929 W	01:00	100
2				Yes	09/12/2020	04°20.533 S	015°05.966 W	00:24	100
3				Yes	10/12/2020	07°10.857 S	020°03.649 W	01:35	100
4				Yes	11/12/2020	06°46.044 S	020°14.836 W	02:50	100
5				Yes	12/12/2020	05°27.201 S	020°51.694 W	02:03	100
6				Yes	14/12/2020	05°12.36 S	018°00.353 W	01:45	100
7				Yes	15/12/2020	03°41.224 S	021°38.392 W	01:00	100
8				Yes	31/12/2020	07°59.984 N	021°59.56 W	01:25	100
9				No	01/01/2021	08°32.42 N	021°32.559 W	02:52	100
10				Yes	02/01/2021	07°43.994 N	024°51.059 W	00:51	100
11				No	03/01/2021	08°44.03 N	027°04.298 W	01:56	100
12				No	07/01/2021	05°15.162 S	021°17.982 W	00:40	100
13				No	07/01/2021	05°20.477 S	020°42.473 W	02:06	100
14				No	07/01/2021	05°17.241 S	020°47.765 W	01:27	100
15				No	08/01/2021	05°02.17 S	019°27.568 W	00:58	100
16				No	08/01/2021	05°40.088 S	019°25.411 W	02:15	100
17				No	09/01/2021	05°29.483 S	017°58.751 W	01:05	100
18				No	11/01/2021	09°00.594 S	008°01.324 W	01:50	100
19				No	12/01/2021	08°15.825 S	002°14.958 W	01:55	100
20				No	14/01/2021	16°04.02 S	006°03.361 E	01:39	100

Comments: The LSPLVs XXX (TS #1 & #18), XXX (TS #3 & #15), XXX (TS #6 & #17) and XXX (TS #7 & #12) conducted two transshipments during this deployment.

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	26,430	24,900	220	220	0	0	0	0	26,650	25,120	-1,530	-6.09
2	11,577	11,353	653	687	0	0	0	0	12,230	12,040	-190	-1.58
3	40,907	40,239	1,103	1,149	3,450	3,197	0	0	45,460	44,585	-875	-1.96
4	55,844	56,783	1,166	1,252	0	0	0	0	57,010	58,035	1,025	1.77
5	58,004	54,812	1,996	1,996	0	0	0	0	60,000	56,808	-3,192	-5.62
6	39,971	39,484	469	516	0	0	0	0	40,440	40,000	-440	-1.10
7	38,589	38,635	1,331	1,365	0	0	0	0	39,920	40,000	80	0.20
8	33,532	32,992	1,732	1,694	2,820	2,400	209	628	38,293	37,714	-579	-1.54
9	74,132	68,013	1,363	1,363	2,690	2,949	2,185	2,675	80,370	75,000	-5,370	-7.16
10	18,276	15,171	12,078	12,538	1,323	1,386	1,222	1,222	32,899	30,317	-2,582	-8.52
11	28,978	28,703	9,879	9,344	9,348	10,226	1,775	1,727	49,980	50,000	20	0.04
12	19,126	19,200	764	800	0	0	0	0	19,890	20,000	110	0.55
13	23,941	24,499	929	929	7,940	8,031	0	0	32,810	33,459	649	1.94
14	29,457	28,487	353	353	5,270	6,410	0	0	35,080	35,250	170	0.48
15	22,359	21,975	791	791	0	0	0	0	23,150	22,766	-384	-1.69
16	49,890	50,000	0	0	0	0	0	0	49,890	50,000	110	0.22
17	19,770	19,800	200	200	0	0	0	0	19,970	20,000	30	0.15
18	46,445	44,600	85	85	0	0	0	0	46,530	44,685	-1,845	-4.13
19	33,924	32,088	66	66	0	0	0	0	33,990	32,154	-1,836	-5.71
20	57,186	54,459	50	50	362	422	1,962	1,962	59,560	56,893	-2,667	-4.69

Comments: During all transshipments, the weight estimations of the transshipped products were made and recorded from the CV hook scale by both the observer and the CV Officers. The minimum weights that were shown in the scale screen were recorded in the tally sheets. However, the weights on the hook scale fluctuate due to issues with motion compensation.

During the transshipments #8, 9, 10, 11 and 20 the products were transshipped in mixed strings of *Thunnus obesus*, *Thunnus albacares* and *Xiphias gladius*. During the transshipments #13 and 14, the *X. gladius* was transshipped separately and weighed after *T. obesus* and *T. albacares* products were transshipped. In all transshipments, except for the transshipment #16 where only *T. obesus* was transshipped, *T. obesus* and *T. albacares* were transshipped and weighed together.

Transshipments #6, 7, 11, 12, 16 and 17 were stopped prematurely by the CV, based on when the CV hook scale records reached the declared tonnage declared by the LSPLV Masters.

6 Species and weight transhipped

The total declared weight of all species transshipped during the trip is shown in Table 4, a breakdown by transshipment is shown and average weights by species are shown in Figure 2

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

Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (kg)	Observed Percentage	Declared weight (kg)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	N	3,244	0.40	4,243	0.54
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1,950	0.24	1,841	0.23
Atlantic blue marlin	<i>Makaira nigricans</i>	S	1,962	0.24	1,962	0.25
Atlantic sailfish	<i>Istiophorus albicans</i>	W	51	0.01	51	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	728,338	90.58	706,193	89.98
Dolphinfish	<i>Coryphaena hippurus</i>	NW	27	0	16	0
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	NW	0	0	6	0
Striped marlin	<i>Tetrapturus audax</i>	NW	119	0.01	95	0.01
Swordfish	<i>Xiphias gladius</i>	N	16,181	2.01	16,961	2.16
Swordfish	<i>Xiphias gladius</i>	S	17,022	2.12	18,060	2.30
Yellowfin tuna	<i>Thunnus albacares</i>	All	35,228	4.38	35,398	4.51

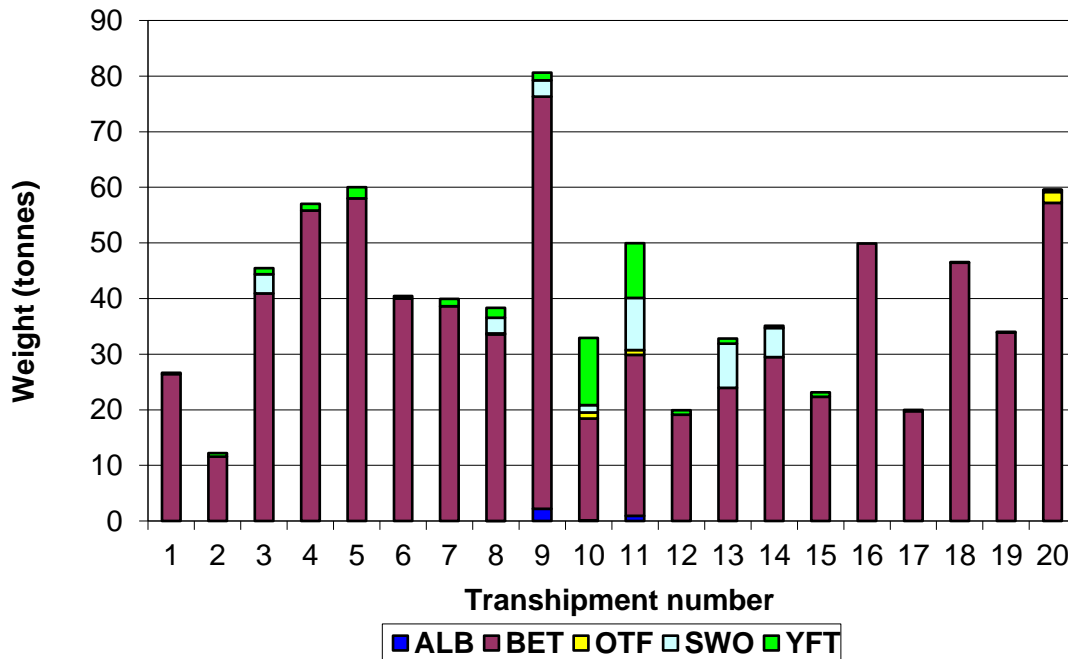


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average processed weight of fish transhipped by species (Kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21.06
Atlantic blue marlin	<i>Makaira nigricans</i>	95.41
Atlantic sailfish	<i>Istiophorus albicans</i>	17.00
Bigeye tuna	<i>Thunnus obesus</i>	59.39
Dolphinfish	<i>Coryphaena hippurus</i>	5.40
Striped marlin	<i>Tetrapturus audax</i>	23.80
Swordfish	<i>Xiphias gladius</i>	45.17
Yellowfin tuna	<i>Thunnus albacares</i>	42.13

Comments: None.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	4,243
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	2,727
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	1,076
Atlantic sailfish	<i>Istiophorus albicans</i>	Dressed weight	51
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	706,193
Dolphinfish	<i>Coryphaena hippurus</i>	Rounded Weight	16
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Dressed weight	6
Striped marlin	<i>Tetrapturus audax</i>	Gilled & gutted	95
Swordfish	<i>Xiphias gladius</i>	Dressed weight	24,235
Swordfish	<i>Xiphias gladius</i>	Fillet	10,786
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	35,398

Comments: *S. commerson* was declared in the TD as 6 kg consisting of one piece. This was not observed by the observer, probably due to its small size.

7 Southern bluefin tuna transshipments

Table 7 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transshipment time	% Observed
N/A									

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

Table 8 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: None.

8 LSTLV Checks

Table 9 Summary of boarding reports from LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF					VMS		Logbooks			
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry	
1			Yes	08/12/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	07-Dec-20
2			Yes	09/12/20	Yes	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	No	Yes	PB	08-Dec-20
3			Yes	10/12/20	No	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	10-Dec-20
4			Yes	11/12/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	10-Dec-20
5			Yes	12/12/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	11-Dec-20
6			Yes	14/12/20	No	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	14-Dec-20
7			Yes	15/12/20	Yes	No	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	14-Dec-20
8			Yes	31/12/20	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	PB	31-Dec-20
9			No	01/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No	U	Yes	PU	31-Dec-20
10			Yes	02/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	31-Dec-20
11			No	03/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	02-Jan-21
12			No	07/01/21	Yes	No	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	06-Jan-21
13			No	07/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	06-Jan-21
14			No	07/01/21	Yes	Yes	Yes	Yes	Yes	Yes	24/09/21	Yes	Y	Yes	Yes	Yes	PB	06-Jan-21
15			No	08/01/21	No	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	08-Jan-21
16			No	08/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	08-Jan-21
17			No	09/01/21	No	Yes	Yes	Yes	Yes	Yes	27/09/21	Yes	Y	Yes	Yes	Yes	PB	08-Jan-21
18			No	11/01/21	Yes	Yes	Yes	Yes	Yes	Yes	02/10/21	Yes	Y	Yes	Yes	Yes	PB	09-Jan-21
19			No	12/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	Yes	Yes	Yes	PB	11-Jan-21
20			No	14/01/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	10-Jan-21

Comments:

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

Key: Y: Yes; N: No; U: Unknown.

The first 10 LSPLVs; except for the Koei Maru No.6 (TS9); were boarded by the observer. The rest of the LSPLVs were not boarded due to precautions taken against Covid-19.

Note for TS #3 & 15; same LSPLV with the same PNC about stern markings.

Note for TS #6 & 17; same LSPLV with the same PNC about bow markings.

Note for TS #7 and 12; same vessel with the same PNC about its IRCS markings.

Table 10 **Comments on LSTLV checks**

No	Comments
1	<p>XXXThe LSPLV was fitted with 2 VMS units. Both seemed functioning.</p> <p>Figure 3 VMS units of the LSPLV XXX</p>
2	<p>XXXThe VMS unit had no power a the time of boarding. The switch was on at the time of boarding.</p> <p>Figure 4 VMS and Switch unit of the LSPLV XXX</p>
3	<p>XXXStern markings were partially worn which might cause the word XXX seems like XXX!. The LSPLV was fitted with 2 VMS units. Both seemed functioning.</p> <p>Figure 5 Stern markings on the left and VMS units on the right of the LSPLV XXX</p>
4	<p>XXX The LSPLV was fitted with 2 VMS unit, of one which was offline. A switch was attached to both VMS devices in between.</p> <p>Figure 6 VMS Units of the LSPLV XXX</p>
6	<p>XXXBow markings were covered with rust and made it difficult to see from a distance. The LSPLV was fitted with 2 VMS units and both seemed functioning.</p>

	<p>Figure 7 Bow markings on the left and VMS units on the right of the LSPLV XXX</p>
7	<p>XXXIRCS number was obscured which might lead it to be confused from a distance. The LSPLV was fitted with 4 VMS units two of which seemed functioning and two off. Two switches were located in between the four units.</p> <p>The following day of the transshipment, the weight of <i>T. obesus</i> was altered from 36,104 kg to 38,635 kg and the <i>T. albacares</i> weight was altered from 3,896 kg to 1,365 kg in the TD.</p> <p>Figure 8 Side markings on the left and VMS units on the right of the LSPLV XXX</p>
9	<p>KOEI MARU No.6 The VMS picture could not be taken by the LSPLV master due to language barrier.</p>
12	<p>Please see the above 7th inspection comment which was made for the same LSPLV on 15/12/2020. Same comments are valid as this was the LSPLV's second inspection during this deployment which was on 07/01/2021.</p>
15	<p>Please see the 3rd inspection comment which was made for the same LSPLV on 10/12/2020. Same comments are valid as this was the LSPLV's second inspection during this deployment which was on 08/01/2021.</p>
17	<p>Please see the 6th inspection comment which was made for the same LSPLV on 14/12/2020. Same comments are valid as this was the LSPLV's second inspection during this deployment which was on 09/01/2021.</p>
18	<p>Please see the 1st inspection comment which was made for the same LSPLV on 08/12/2020. Same comments are valid as this was the LSPLV's second inspection during this deployment, which was on 11/01/2021.</p>
19	<p>XXXThe LSPLV was fitted with 2 VMS units. Both seemed functioning.</p> <p>Figure 9 VMS units of the LSPLV XXX</p>
20	<p>XXX Around 50 pieces of shark fins were observed on the top stern deck of the LSPLV.</p> <p>Figure 10 Shark fins on the top stern deck of the LSPLV XXX</p>

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 11.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1
2			25202	VNL
3 - 15			25203	IIM
6 - 17			25206	IIM
7 - 12			25212	IIM

The last three LSPLVs were inspected twice during the deployment. The same PNCs were not reported again for these vessels.

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 11 Waste management

The CV had 7 bins for different types of waste. Combustible waste was incinerated once the bin was full. No issues were observed during this deployment.

9.2 Unidentified or IUU vessels

No IUU or Unidentified vessels were encountered during the deployment.

9.3 Marine mammals

Below marine mammals and sea bird were observed during the deployment.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	English Name	Abundance	Behaviour
04/12/20	08:15	14°22.898 S	004°55.617 E	Delphinidae	Dolphins nei	20	Resting
09/12/20	08:50	04°28.652 S	015°24.81 W	Delphinidae	Dolphins nei	1	Resting
16/12/20	16:38	04°00.788 N	024°00.874 W	Unknown Bird	Unknown Bird	1	Resting
31/12/20	14:14	08°29.366 N	021°26.33 W	<i>Delphinus delphis</i>	Common dolphin	20	Resting
18/01/21	12:53	21°55.397 S	012°28.11 E	<i>Globicephala melas</i>	Long-finned pilot whale	50	Playing
18/01/21	12:58	22°11.162 S	012°34.548 E	<i>Delphinus delphis</i>	Common dolphin	100	Playing
19/01/21	13:40	27°32.034 S	013°49.083 E	<i>Hyperoodon planifrons</i>	Southern bottlenose whale	1	Resting

Pictures could be taken for the observations made on 16/12/2020, 31/12/2020 and 18/01/2021 where common dolphin was observed. The rest could not be captured in the pictures.

10 Health and Safety on board the CV

No safety issues were observed during this deployment. Fire and abandon ship safety drills were conducted on 10/01/2021.

11 Submitting Report to the Master

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

Yes	No
X	

Table 13 Non ROP Transhipments at Sea

Non-ROP No.	Vessel	Call sign	RFMO Number	Date	Lat	Lon	Products	Comments
1				03-Dec-20	17°20.882 S	005°59.661 E	Fuel	130KL fuel, cigarettes
2				03-Dec-20	17°15.456 S	005°53.847 E	Fuel	100KL fuel. Around 20 pieces of shark fins were observed on the stern upper deck of the LSPLV
3				04-Dec-20	15°08.53 S	005°01.430 E	Fuel	120 KL fuel. Vegetables and drinks
4				05-Dec-20	09°49.26 S	004°27.163 E	Fuel	120KL fuel, groceries and cigarettes. Around 40 pieces shark fins were observed and photographed on the top stern deck.
5				10-Dec-20	07°13.25 S	020°00.729 W	Baits	3,000 cases of baits, cigarettes
6				13-Dec-20	06°39.703 S	019°06.308 W	Baits	3,187 cases of baits
7				17-Dec-20	08°00.831 N	025°10.076 W	Food	Food and beverages
17				04-Jan-21	07°28.506 N	022°59.845 W	Fuel	100KL fuel
18				15-Jan-21	12°49.626 S	008°55.595 E	Fuel	140KL fuel. Second non-ROP transshipment of this LSPLV during this deployment. Around 200 pieces of shark fins were observed on the upper stern deck. Mix of caudal, dorsal and pectoral fins.
19				15-Jan-21	12°52.158 S	008°55.598 E	Fuel	120KL fuel. 2 nd non-ROP of this LSPLV during this deployment. 3 sets (two pectorals, one dorsal and one caudal totally 12 pieces) of shark fins were observed on the stern deck of the LSPLV.
20				16-Jan-21	12°29.382 S	009°00.170 E	Fuel	100 KL fuel
21				16-Jan-21	12°27.15 S	008°59.226 E	Fuel	120 KL fuel

Non-ROP #1 and 18; Shark fin number on the LSPLV XXX was raised from around 20 to 200 during the time passed between the first and second non-ROP transshipments to this LSPLV.

Table 14 Non ROP Transhipments in Port

Non-ROP No.	Vessel	Call sign	RFMO Number	Date	Port	Fish Transhipped?	Products	Comments
8				20-Dec-20	San Vincent	Yes	Fish	No Comment
9				21-Dec-20	San Vincent	Yes	Fish	No Comment
10				22-Dec-20	San Vincent	Yes	Fish	No Comment
11				23-Dec-20	San Vincent	Yes	Fish	No Comment
12				24-Dec-20	San Vincent	Yes	Fish	No Comment
13				25-Dec-20	San Vincent	Yes	Fish & 2,000 cases of bait	No Comment
14				26-Dec-20	San Vincent	Yes	Fish & 3,500 cases of bait	No Comment
15				27-Dec-20	San Vincent	Yes	Fish	No Comment
16				28-Dec-20	San Vincent	Yes	Fish & 2,135 cases of bait	No Comment

Table 15 Non ROP Fish Transhipped in Port

Non-ROP TS No	Species Name	English Name	Stock Area	Product Type	Total Weight (kg)
8	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	63,149
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	24,365
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	727
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	983
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	935
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	1,368
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	657
	<i>Tetrapturus audax</i>	Striped marlin	AT-NE	DR	99
	<i>Lampris guttatus</i>	Opah	AT-NE	DR	1,022
	<i>Katsuwonus pelamis</i>	Skipjack	SKJ-W	RD	58
9	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	61,411

Non-ROP TS No	Species Name	English Name	Stock Area	Product Type	Total Weight (kg)
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	16,280
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	1,557
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	371
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	10,026
10	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	61,609
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	199
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	29
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	468
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	1,218
11	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	61,565
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	6,581
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	199
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	97
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	1,588
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	9,336
12	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	61,785
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	4,217
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	107
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	800
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	2,168
13	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	52,245
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	2,000
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	67
14	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	51,666
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	10,810
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	8,176
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	258

Non-ROP TS No	Species Name	English Name	Stock Area	Product Type	Total Weight (kg)
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	688
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	743
15	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	63,131
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	17,150
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	1,392
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	19,116
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	400
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	174
	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	63,032
16	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	28,936
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	261
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	275
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	97
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	1,162
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	1,800

In-port transshipments took in place in Port Mindelo, Cape Verde. No port authority were present due to the infection risk of Covid-19. All of the in-port transshipments were fully observed by the observer voluntarily. The observer determined the weight of the transshipped products through the CV hook scale. Only the transshipment declaration regarding the in-port transshipments were provided to the observer by the CV which did not contain the numbers of the products. Weights and numbers were observed by the observer.

The main species transshipped in-port was *Thunnus thynnus* (BFT). All observed BFT individuals were tagged, but tag numbers could not be verified because the tagging documents were not supplied the observer.

Observer's estimations on in-port transshipments are shown in Table 16;

Table 16 Observations of In Port Transhipments

Non-ROP TS No	Species Name	English Name	Stock Area	Product Type	# Fish	Total Weight (kg)
8	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	399	63,149
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	469	25,142
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	14	727
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	41	983
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	15	935
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	38	1,368
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	12	657
	<i>Tetrapturus audax</i>	Striped marlin	AT-NE	DR	1	99
	<i>Lampris guttatus</i>	Opah	AT-NE	DR	69	1,022
	<i>Katsuwonus pelamis</i>	Skipjack	SKJ-W	RD	6	58
9	<i>Thunnus thynnus</i>	Northern bluefin tuna	ALL	GG	321	61,411
	<i>Thunnus obesus</i>	Bigeye tuna	ALL	GG	400	15,635
	<i>Thunnus albacares</i>	Yellowfin tuna	ALL	GG	31	1,557
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	9	371
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	337	10,026
10	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	334	61,609
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	3	199
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	24	1,664
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	11	468
11	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	314	61,565
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	128	6,581
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	5	199
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	3	97
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	32	1,588
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	216	10,400
12	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	317	63,540
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	102	4,217
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	5	107
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	18	800
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	60	2,366
13	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	375	52,245
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	47	3,808

	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	2	67
14	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	411	51,666
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	243	14,509
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	200	8,176
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	8	258
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	8	688
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	11	743
	<i>Tetrapturus albidus</i>	White marlin	Null	GG	1	50
15	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	427	63,131
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	550	20,417
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	47	1,392
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	1042	19,116
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	5	400
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	2	174
16	<i>Thunnus thynnus</i>	Northern bluefin tuna	All Atlantic	GG	526	63,032
	<i>Thunnus obesus</i>	Bigeye tuna	All Atlantic	GG	268	32,923
	<i>Thunnus albacares</i>	Yellowfin tuna	All Atlantic	GG	10	261
	<i>Thunnus alalunga</i>	Albacore	ALB-N	RD	5	275
	<i>Xiphias gladius</i>	Sword fish	SWO-N	DR	6	97
	<i>Xiphias gladius</i>	Sword fish	SWO-N	FL	27	1,162
	<i>Makaira nigricans</i>	Atlantic blue marlin	BUM-N	DR	15	1,800

ICCAT

Observer Report



Trip Number:	253-20
Vessel Name:	MEITA MARU
ICCAT Ref. No.	AT000PAN00316
Observer Name:	Martin Phillippe Emanuel
Cruise Dates:	From: 23/11/2020 To: 12/12/2020

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Co. Ltd and the consortium of MRAG Ltd and Capricorn Fisheries Monitoring cc, Martin Phillippe Emanuel (ROP no. 194) joined the Panama registered Carrier Vessel (CV) Meita Maru (AT000PAN00316) 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 23/11/2020 to 12/12/2020. The observer remained on board for an IOTC deployment (Request No. 666-20).

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:	HOHM
Port of registration:	Panama	Flag State:	Panama
Owner:	Panama TRL S.A.	Charterer:	TOEI REEFER LINE CO, LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4069.97 m ³
Size (GRT):	3802	Length (LOA):	106.86
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	642.187t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	23/11/2020
Method of embarkation*	Portside
Date of departure	23/11/2020
Date of first transshipment	28/11/2020
Date of last transshipment	04/12/2020
Date of return	12/12/2020
Date of disembarkation	12/12/2020
Method of disembarkation*	IOTC crossover
Port of return	Walvis Bay, Namibia

*(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 6 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

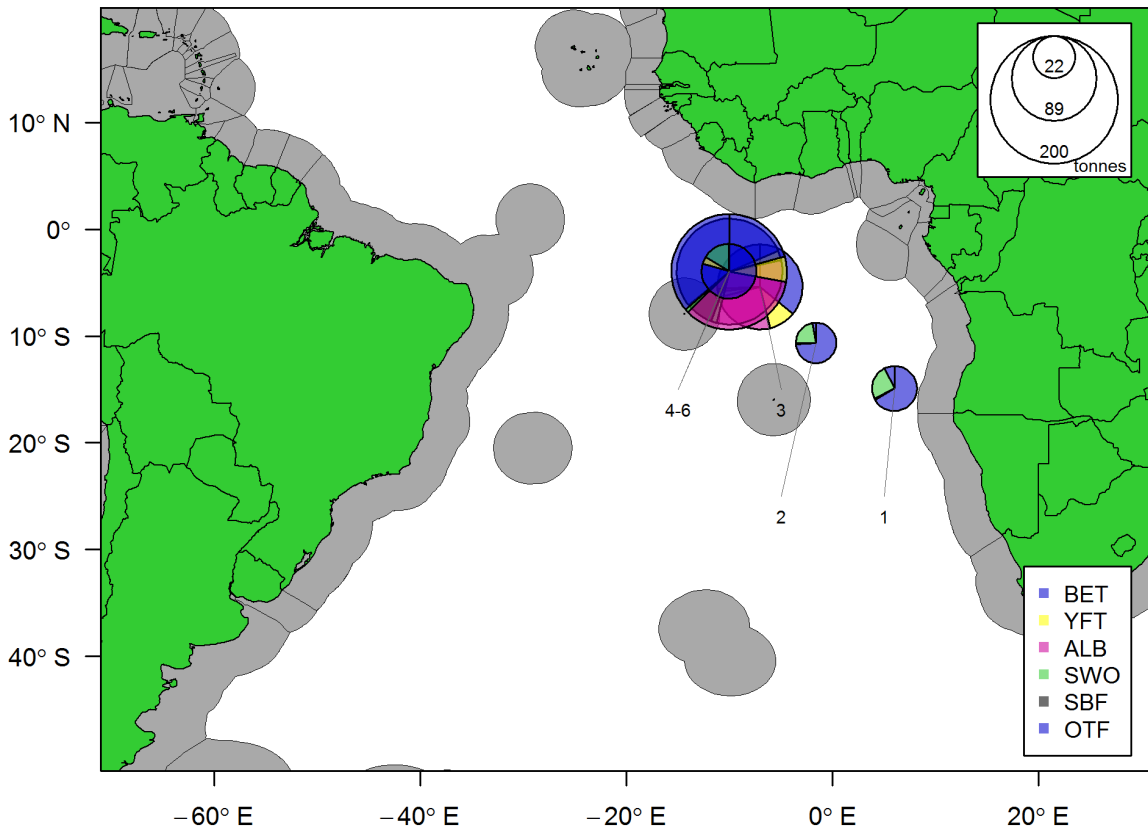


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	2
XXX	4

Comments:

Adding to the transhipments at sea, the carrier vessel also conducted 2 non-ROP transhipments and 1 transhipment in-port (Table 13). The reefer vessel provided the 2 LSPLVs with bait, frozen foods, vegetables, ship supplies, oil and fuel.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	28/11/20	14°54.55 S	005°59.97 E	04:29	100
2				Yes	30/11/20	10°38.58 S	001°36.24 W	07:29	100
3				Yes	02/12/20	05°23.78 S	007°02.96 W	07:02	100
4				Yes	03/12/20	03°57.76 S	010°00.29 W	02:00	100
5				Yes	04/12/20	03°59.16 S	010°02.22 W	01:22	100
6				Yes	04/12/20	03°55.41 S	010°03.72 W	01:20	100

Comments:

All transhipments were fully 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	35,123	35,000	10,213	10,000	2,069	2,000	24,948	25,093	73,510	73,250	-0.26	-0.35
2	28,358	28,293	3,948	4,197	2,245	2,366	54,167	54,536	101,440	102,114	0.67	0.66
3	37,051	37,501	13,374	12,806	1,778	1,778	65,880	65,454	118,083	117,539	-0.54	-0.46
4	32,244	32,002	2,062	1,790	6,600	6,600	0	0	40,906	40,392	-0.51	-1.27
5	16,292	16,292	273	273	4,857	4,857	647	647	22,069	22,069	0.00	0.00
6	18,382	18,270	220	220	6,820	6,865	2,015	2,015	27,437	27,370	-0.07	-0.24

Comments:

The overall difference between observed and declared weights were relatively small (Table 3). Four LSPLVs ensured no mixing of species on strings. This made the accurate estimation of weights and numbers easy work.

6 Species and weight transferred

The vessel contained 642.187t of tuna and tuna-like 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.** and average weights by species are 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	136.57	35.62	136.52	35.67
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.34	0.35	1.34	0.35
Bigeye tuna	<i>Thunnus obesus</i>	All	167.45	43.67	167.36	43.73
Black marlin	<i>Makaira indica</i>	All	0.42	0.11	0.42	0.11
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	3.01	0.78	2.83	0.74
Indo-Pacific blue marlin	<i>Makaira mazara</i>	All	2.66	0.69	2.66	0.70
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.29	0.08	0.29	0.08
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.99	0.26	1.04	0.27
Opah	<i>Lampris guttatus</i>	All	2.39	0.62	2.65	0.69
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	13.88	3.62	13.88	3.63
Swordfish	<i>Xiphias gladius</i>	All	24.37	6.36	24.47	6.39
Yellowfin tuna	<i>Thunnus albacares</i>	All	30.09	7.85	29.29	7.65

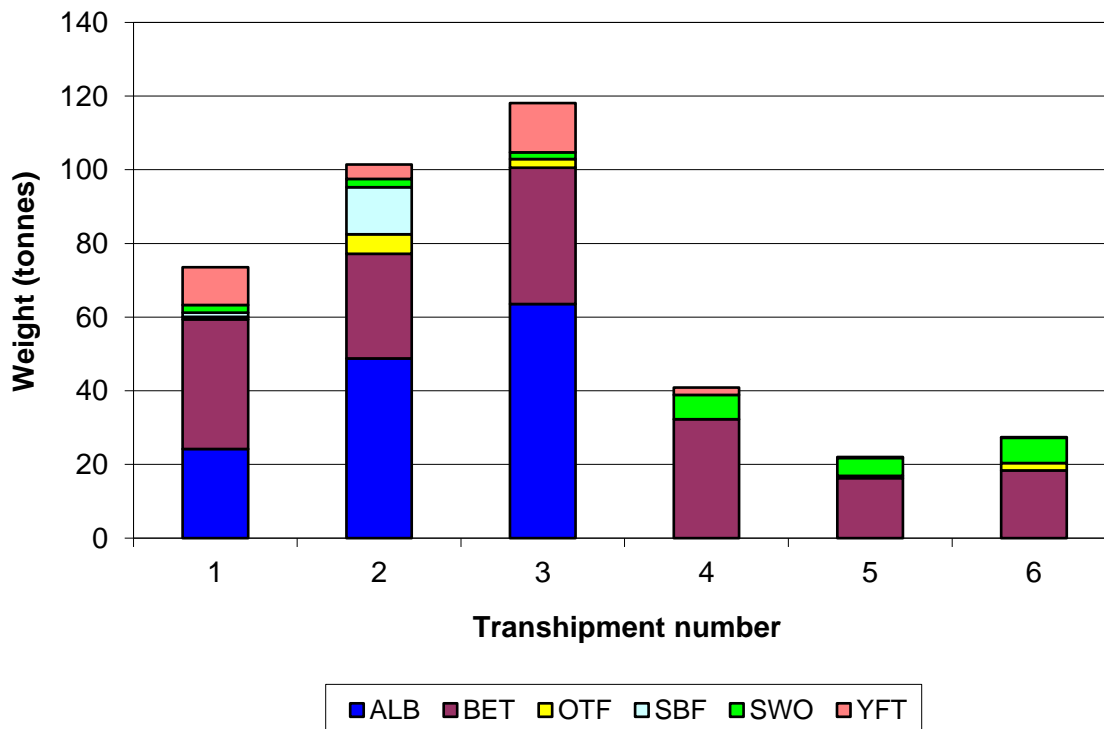


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	13.15
Atlantic blue marlin	<i>Makaira nigricans</i>	111.33
Bigeye tuna	<i>Thunnus obesus</i>	41.32
Black marlin	<i>Makaira indica</i>	83.80
Butterfly kingfish	<i>Gasterochisma melampus</i>	11.78
Indo-Pacific blue marlin	<i>Makaira mazara</i>	98.59
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	22.23
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	13.07
Opah	<i>Lampris guttatus</i>	7.87
Southern bluefin tuna	<i>Thunnus maccoyii</i>	49.39
Swordfish	<i>Xiphias gladius</i>	50.14
Yellowfin tuna	<i>Thunnus albacares</i>	31.57

Comments:

Of the twelve species transhipped, two species contributed to 79.4% of weight transhipped. These were bigeye tuna (*Thunnus obesus*) which contributed 43.73% or 167.36t and albacore (*Thunnus alalunga*) which contributed 35.67% or 136.52t (Table 4). The average weight of the of the two species were 41.32kg and 13.15kg respectively (Table 5).

The carrier vessel did not have a hook scale. Therefore, the observer estimated string weights by sight. The observed weights represented in Table 3 used average weights of

individual species, calculated from the transshipment declaration, and then multiplied by the corresponding number of pieces per species.

The total declared weight of tuna and tuna-like species was 382.734t. The total estimated by the observer was 383.445t.

Table 6 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Product type	Weight transhipped
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	136,520
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	37
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	1,299
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	167,358
Black marlin	<i>Makaira indica</i>	Dressed weight	419
Butterfly kingfish	<i>Gasterochisma melampus</i>	Dressed weight	2,828
Indo-Pacific blue marlin	<i>Makaira mazara</i>	Dressed weight	2,662
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Dressed weight	289
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Dressed weight	1,039
Opah	<i>Lampris guttatus</i>	Dressed weight	2,652
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Gilled & gutted	13,879
Swordfish	<i>Xiphias gladius</i>	Dressed weight	22,990
Swordfish	<i>Xiphias gladius</i>	Fillet	1,476
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	29,286

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				28/11/20	28/11/20	14°54.55 S	005°59.97 E	04:29	100
2				30/11/20	30/11/20	10°38.58 S	001°36.24 W	07:29	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	32	1.157t	CM-JP-20-061-03	1107-1138
2	9 15	234 15	12.144t 0.578t	CM-JP-20-059-02	761-994 995-1009

Comments:

All sampled and photographed southern bluefin (*Thunnus maccoyii*) tuna were tagged and the CCSBT Catch Monitoring Forms were completed.

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	28/11/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	28/11/20
2			Y	30/11/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	29/11/20
3			Y	02/12/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	01/12/20
4			Y	03/12/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PU	02/12/20
5			Y	04/12/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	03/12/20
6			Y	04/12/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	03/12/20

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

Comments.

No issues were found with the LSPLVs.

Table 9 Comments on LSPLV checks

No	Comments
N/A	

The observer made no Potential Non Compliance (PNC) reports during cruise 253-20.

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 Meita Maru complied with shipping regulations regarding waste disposal. Food waste was discarded overboard daily. This waste was macerated and all pieces were smaller than 25mm as per the recommended guidelines. All waste disposal at sea was recorded and signed by the CV Master. No waste was thrown overboard when the CV was at least 12nm from land. Waste was also divided into four categories on the carrier vessel and was stored accordingly. The CV disposed of other stored waste at the next port of call.

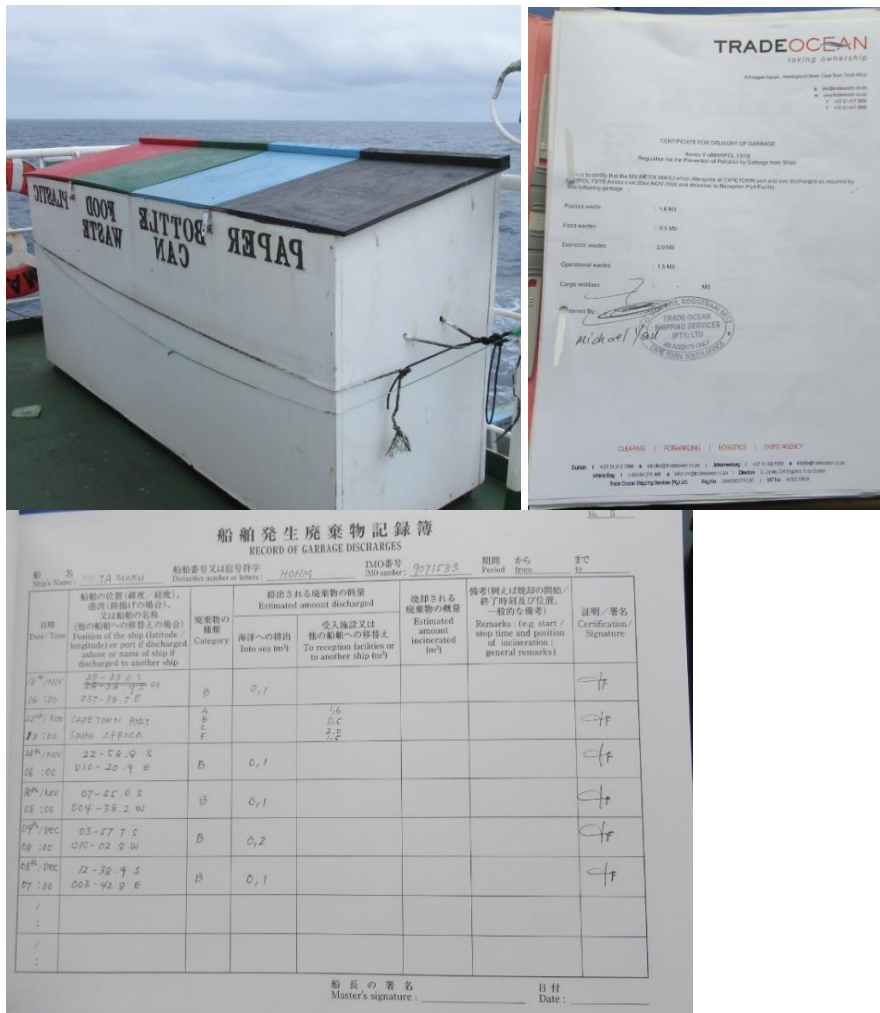


Figure 3 Waste disposal and record keeping system onboard MEITA MARU.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were spotted during the duration of the cruise.

9.3 Marine mammals.

No marine mammals of interest were spotted during the duration of the cruise.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

There were no health and safety concerns onboard MV MEITA MARU for the duration of the deployment. The Captain and crew ensured that the safety standards were always met. All crew wore the appropriate PPE when performing their duties. The vessel was always well kept.

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
		24/11/20	32° 32.46' S	13° 44.88' E	Bait, frozen foods, vegetables, ship supplies and fuel.	Yes
		27/11/20	15° 36.97' S	7° 54.24' E	Bait, frozen foods, vegetables, ship supplies, freon, oil and fuel.	Yes
		12/12/20	22° 53.85 S	14° 29.14' E	Transhipment in-port at Walvis Bay, Namibia. 96.577t was transhipped.	Yes

ICCAT

Observer Draft Report



Trip Number:	254-21
Vessel Name:	Ibuki
ICCAT Ref. No:	AT000PAN00163
Observer Name	Mzwandile Silekwa
Cruise Dates:	From: 20/02/2021 To: 15/06/2021

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG Ltd and Capricorn fisheries Monitoring cc, 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 20/02/2021 to 15/06/2021.

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.

Due to the current Covid-19 safety regulations, the observer was not mandated to visit the LSPLV, however the following documents were transferred over to the CV for verification:

- 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 and X-Band radar)		
Communications equipment:	VHF: Furuno RC-8900 (2) HF: Furuno FS-2575C		
Plotters:	None		
Tuna products already on board (Quantity)	167.55 tons		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, ZAF
Date of embarkation	20/02/2021
Method of embarkation*	Port Side
Date of departure	20/02/2021
Date of first transshipment	26/02/2021
Date of last transshipment	01/05/2021
Date of return	10/06/2021
Date of disembarkation	15/06/2021
Method of disembarkation*	Port Side
Port of return	Shimizu, Japan

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 37 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.

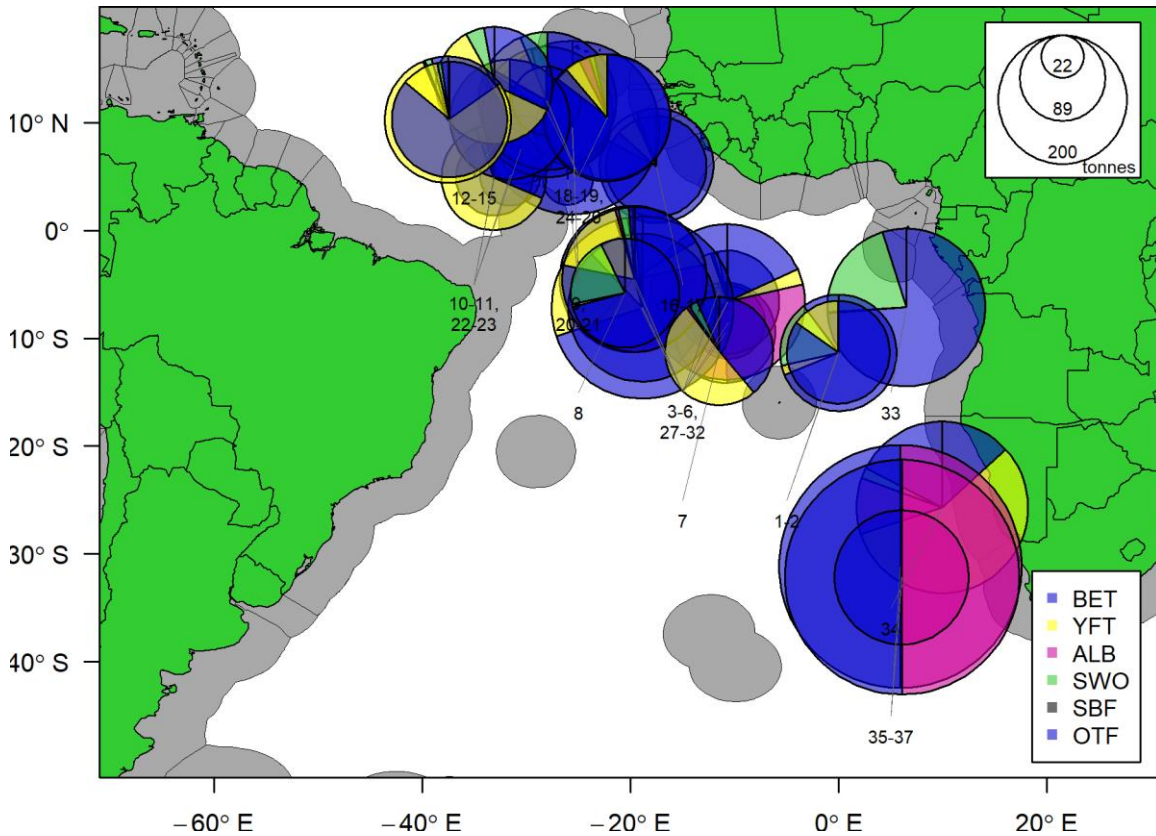


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX.	4
XXX.	10
XXX.	21
XXX.	2

Comments:

In addition to the ICCAT transhipments, the CV conducted a total of 12 non-ROP transfers with LSPLVs. A breakdown was listed in table 10 in the appendices.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Inspected	Transhipment time	% Observed
1				No	26/02/21	11°21.1 S	000°02.4 W	03:00	100.00%
2				No	26/02/21	11°17.4 S	000°03.1 W	02:10	100.00%
3				No	28/02/21	09°29.3 S	010°54.6 W	00:45	100.00%
4				No	01/03/21	08°31.6 S	010°35.9 W	10:45	97.67%
5				No	05/03/21	06°39 S	010°41.4 W	02:15	100.00%
6				No	05/03/21	06°37.4 S	010°43.6 W	00:55	100.00%
7				No	06/03/21	11°10.8 S	011°29.9 W	01:30	100.00%
8				No	09/03/21	05°48.3 S	020°31.8 W	01:30	100.00%
9				No	13/03/21	04°41.6 N	026°01.2 W	03:30	100.00%
10				No	15/03/21	05°07.2 N	031°33.2 W	05:45	100.00%
11				No	16/03/21	07°29.7 N	030°31.7 W	04:20	100.00%
12				No	17/03/21	10°17.5 N	031°34.9 W	01:30	100.00%
13				No	22/03/21	13°27.4 N	033°05.2 W	04:00	100.00%
14				No	24/03/21	10°17.8 N	037°22.7 W	04:25	100.00%
15				No	24/03/21	10°16.7 N	037°32.3 W	03:55	100.00%
16				No	29/03/21	05°59.4 N	017°30.9 N	04:05	100.00%
17				No	29/03/21	05°55.4 N	017°32.3 W	04:35	100.00%
18				No	01/04/21	10°30.2 N	022°12.9 W	03:20	100.00%
19				No	01/04/21	10°27.3 N	022°16.2 W	02:10	100.00%
20				No	02/04/21	09°31.6 N	025°34.5 W	01:00	100.00%
21				No	02/04/21	09°30 N	025°36.1 W	03:00	100.00%
22				No	04/04/21	04°57.8 N	033°03.8 W	04:40	100.00%
23				No	04/04/21	04°53.7 N	033°07.1 W	04:35	100.00%
24				No	11/04/21	10°59 N	028°00.3 W	07:10	100.00%
25				No	12/04/21	12°00.8 N	027°59 W	05:15	100.00%
26				No	13/04/21	12°00.8 N	028°05.2 W	05:40	100.00%

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Inspected	Transshipment time	% Observed
27				No	17/04/21	04°32.8 S	019°36.6 W	03:50	100.00%
28				No	17/04/21	04°30.6 S	019°46 W	03:50	100.00%
29				No	18/04/21	07°09.2 S	018°50.8 W	03:40	100.00%
30				No	18/04/21	07°09.4 S	018°53.6 W	06:20	100.00%
31				No	18/04/21	07°10.8 S	018°58.9 W	04:05	100.00%
32				No	20/04/21	05°44.3 S	011°36.6 W	03:15	100.00%
33				No	24/04/21	07°07.9 S	006°28 E	02:40	100.00%
34				No	28/04/21	25°39.7 S	009°55.7 E	08:35	98.06%
35				No	30/04/21	31°09 S	005°54.4 E	08:35	100.00%
36				No	01/05/21	32°08 S	006°04.4 E	09:35	97.39%
37				No	01/05/21	32°09.4 S	006°01.3 E	02:40	100.00%

Comments:

During transshipments number 4 and 36, the observer took a 15 minutes lunch break for meals due to the duration of the transshipment.

During transshipment number 34, the observer took a 10 break for a meal due to the duration of the transshipment.

None of the transshipping LSPLVs were boarded for inspection due to the to minimise Covid-19 exposure. However, the authorization to fish, authorization to tranship and logbook were transferred to the CV for verification.

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	68.339	68.767	6.767	8.585	1.048	1.06	3.664	4.711	79.818	83.123	3.30	3.98%
2	53.495	56.167	4.729	4.322	0.914	0.558	3.385	3.735	62.523	64.782	2.26	3.49%
3	14.923	15.666	0.688	0.238	0	0	0	0	15.611	15.904	0.29	1.84%
4	120.436	121.106	1.564	1.667	38.085	38.151	27.748	31.107	187.833	192.031	4.20	2.19%
5	34.451	34.256	0.832	1.175	0	0	1.496	1.425	36.779	36.856	0.08	0.21%
6	21.61	21.44	1.805	1.96	0	0	0	0	23.415	23.4	-0.01	- 0.06%
7	30.06	30	0	0	0	0	0	0	30.06	30	-0.06	- 0.20%
8	37.428	37.478	0.175	0.219	0	0	0	0	37.603	37.697	0.09	0.25%
9	9.18	22	58.59	44	1.935	2	2.35	2	72.055	70	-2.06	- 2.94%
10	97.189	92.336	8.246	12.168	4.135	4.258	0	0	109.57	108.762	-0.81	- 0.74%
11	100.138	100.58	13.482	12.39	8.756	7.88	0	0	122.376	120.85	-1.53	- 1.26%
12	26.3	25	2.8	5	0	0	0	0	29.1	30	0.90	3.00%
13	84.028	84.55	7.482	7.094	2.666	1.292	2.8	3.474	96.976	96.41	-0.57	- 0.59%
14	90.267	91.383	9.91	11.47	0	0	0	0	100.177	102.853	2.68	2.60%
15	83.23	83.772	6.314	7.548	0	0	0	0	89.544	91.32	1.78	1.94%
16	9.097	27.705	70.935	52.228	5.076	4.449	2.385	2.49	87.493	86.872	-0.62	- 0.71%
17	7.216	15.665	86.368	79.687	1.281	1.726	3.65	4.288	98.515	101.366	2.85	2.81%
18	72.878	73.214	7.509	8.896	1.302	1.054	1.916	1.916	83.605	85.08	1.47	1.73%
19	48.867	31.714	15.892	29.43	1.42	1.42	1.458	1.458	67.637	64.022	-3.61	- 5.65%
20	31.872	31.74	0.586	0.846	0.699	0.484	0.34	0.34	33.497	33.41	-0.09	- 0.26%
21	58.109	45.279	9.948	18.987	1.184	0.895	2.512	2.193	71.753	67.354	-4.40	-

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
												6.53%
22	26.721	27.938	6.611	4.958	0	0	58.978	60.693	92.31	93.589	1.28	1.37%
23	26.571	22.491	3.601	7.34	0	0	52.595	53.497	82.767	83.328	0.56	0.67%
24	175.959	147.399	28.567	53.449	2.354	2.557	4.756	5.557	211.636	208.962	-2.67	- 1.28%
25	115.924	122.318	16.288	11.372	1.573	1.748	1.675	1.804	135.46	137.242	1.78	1.30%
26	118.883	104.398	10.853	23.541	3.046	3.046	1.47	1.81	134.252	132.795	-1.46	- 1.10%
27	60.072	60.122	0.851	0.672	0	0	0	0	60.923	60.794	-0.13	- 0.21%
28	66.653	66.604	0.394	0.676	0	0	0	0	67.047	67.28	0.23	0.35%
29	52.451	53.472	0.524	0.645	19.972	15.877	5.36	5.496	78.307	75.49	-2.82	- 3.73%
30	116.871	117.28	0.529	0.441	32.746	33.542	8.23	7.695	158.376	158.958	0.58	0.37%
31	59.529	59.476	1.411	2.249	18.42	15.862	7.618	8.822	86.978	86.409	-0.57	- 0.66%
32	59.745	57.264	8.131	10.294	0	0	0	0	67.876	67.558	-0.32	- 0.47%
33	20.964	28.996	45.833	37.997	3.678	2.05	4.877	4.986	75.352	74.029	-1.32	- 1.79%
34	11.196	24.91	113.573	106.349	8.190	3.813	25.068	32.698	158.026	167.77	9.74	5.81%
35	0	0	0	0	0	0	186.543	187.61	186.543	187.61	1.07	0.57%
36	0	0	0	0	0	0	177.162	175.325	177.162	175.325	-1.84	- 1.05%
37	0	0	0	0	0	0	57.42	57.312	57.42	57.312	-0.11	- 0.19%

Comments:

The species summarised under the header "Other" included; albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), Atlantic blue marlin (*Makaira nigricans*), other fish (Unclassified, oilfish (*Ruvettus pretiosus*), shortbill spearfish (*Tetrapturus angustirostris*), Indo-Pacific sailfish (*Istiophorus platypterus*) and striped marlin (*Tetrapturus audax*).

6 Species and weight transferred

The vessel contained 167.567 tons of tuna products when the observer boarded the vessel in Cape Town. The tuna products on board were retained on board from the previous voyage during the offloading process. 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 ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	550.41	16.41	563.94	16.70
Atlantic blue marlin	<i>Makaira nigricans</i>	All	64.30	1.92	65.67	1.94
Bigeye tuna	<i>Thunnus obesus</i>	All	2007.63	59.85	2002.49	59.31
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	4.54	0.14	1.57	0.05
Oilfish	<i>Ruvettus pretiosus</i>	All	6.22	0.19	5.96	0.18
Opah	<i>Lampris guttatus</i>	All	0.16	0.00	0.00	0.00
Other fish Unclassified		All	9.40	0.28	22.09	0.65
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00	2.73	0.08
Striped marlin	<i>Tetrapturus audax</i>	All	0.61	0.02	0.48	0.01
Swordfish	<i>Xiphias gladius</i>	All	157.44	4.69	143.72	4.26
Wahoo	<i>Acanthocybium solandri</i>	All	4.07	0.12	0.00	0.00
Yellowfin tuna	<i>Thunnus albacares</i>	All	549.55	16.38	567.89	16.82

Note all transshipment declarations declared all the stock area for all species as "A.O." and did not specify the area in more detail.

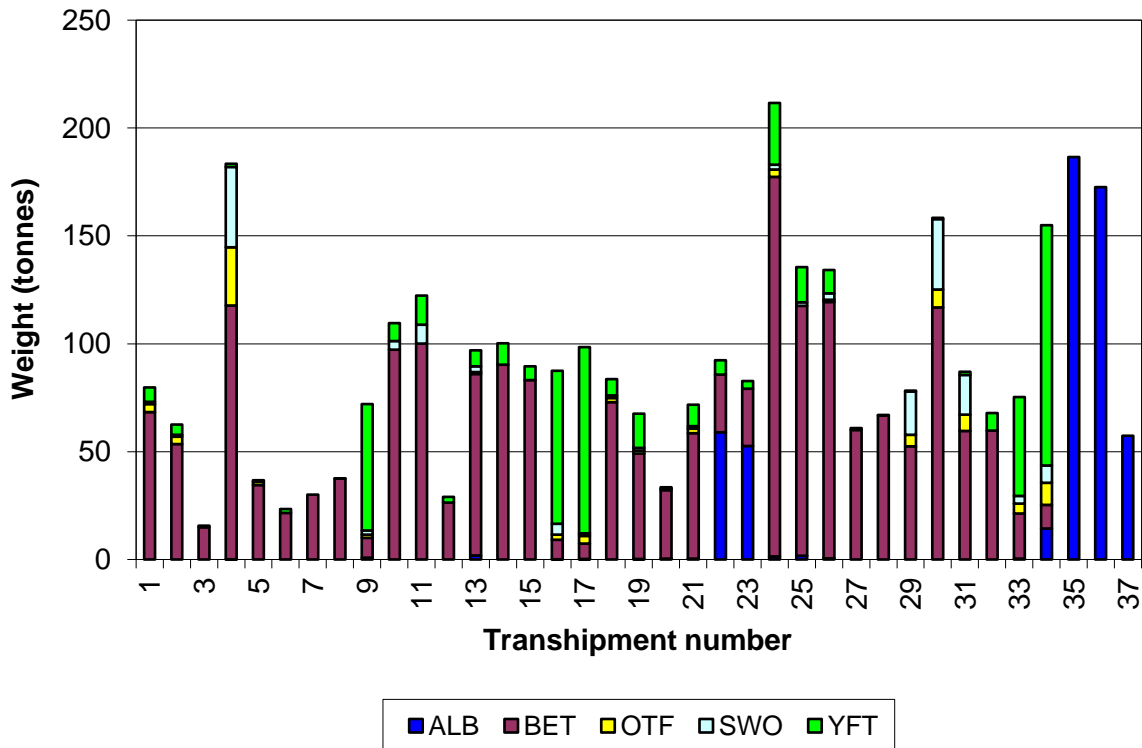


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	21.05
Atlantic blue marlin	<i>Makaira nigricans</i>	84.50
Bigeye tuna	<i>Thunnus obesus</i>	50.62
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	13.76
Oilfish	<i>Ruvettus pretiosus</i>	13.54
Opah	<i>Lampris guttatus</i>	11.07
Other fish Unclassified	N/A	16.46
Striped marlin	<i>Tetrapturus audax</i>	19.06
Swordfish	<i>Xiphias gladius</i>	48.59
Wahoo	<i>Acanthocybium solandri</i>	14.53
Yellowfin tuna	<i>Thunnus albacares</i>	43.04

Table 6 Products Transhipped by species

Common Name	Scientific Name	Product Type	Weight Transhipped(kg)
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	563942
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	56954
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	7290
Atlantic blue marlin	<i>Makaira nigricans</i>	Head off	1425
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	2002486
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Dressed weight	1573
Oilfish	<i>Ruvettus pretiosus</i>	Dressed weight	5960
Other fish Unclassified	N/A	Other	22091
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Dressed weight	2732
Striped marlin	<i>Tetrapturus audax</i>	Dressed weight	433
Striped marlin	<i>Tetrapturus audax</i>	Gilled & gutted	42
Swordfish	<i>Xiphias gladius</i>	Dressed weight	140070
Swordfish	<i>Xiphias gladius</i>	Fillet	3652
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	567893

Comments:

During the deployment the most dominant species transhipped and observed during transhipments were *T. obesus* and *T. albacares*, which contributed 59.31% and 16.82% of the total amount received respectively. *T. alalunga* was the third most declared with 16.70%, followed by the *X. gladius* with a 4.26%.

The product type for *T. obesus* and *T. albacares* was gilled and gutted (GG) and round (RD) for *T. alalunga*. *X. gladius* was declared and transhipped in two product type, fillet (FL) and as dressed (DR). The *M. nigricans* was declared as dressed (DR), however some specimens were observed as headed (HO). Other fish species observed during transhipments were declared as dressed, mostly head, tail and fins were removed.

A 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 Ibuki did not make use of a hook scale and the numbers per species declared by the LSPLV were used to calculate average weights for each species transferred. The average weights were used to calculate the estimated total weight of the observed products.

7 Southern bluefin tuna transshipments

No southern bluefin tuna (*Thunnus maccoyii*) was transhipped during this deployment.

8 LSPLV Inspections

No on-board inspections were conducted during the deployment due to restrictions implemented as a result of Covid-19. The observer did not board any of the LSPLVs.

Table 7 Summary of inspections made on board LSTLVs.

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

No	Name	Flag	Date	Markings correct			ATF				ATT	VMS		Logbook		
				Name	IRCS	Reg. No.	Shown	In Date	Expires	ICCAT Area		Shown	Power	Shown	Type	Last entry
28			17/04/21	Unk	Unk	Unk	Yes	Yes	26/03/26	Yes	Yes	No		Yes	PB	17/04/21
29			18/04/21	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No		Yes	PB	18/04/21
30			18/04/21	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No		Yes	PB	18/04/21
31			18/04/21	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No		Yes	PB	17/04/21
32			20/04/21	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Yes	No		Yes	PB	19/04/21
33			24/04/21	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No		Yes	EL	14/04/21
34			28/04/21	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	26/04/21
35			30/04/21	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Yes	No		Yes	PB	29/04/21
36			01/05/21	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Yes	No		Yes	PB	29/04/21
37			01/05/21	Yes	Yes	Yes	Yes	Yes	08/06/21	Yes	Yes	Yes	Yes	Yes	PB	30/04/21

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

Comments.

Table 8 Comments from inspections

TS No.	Comments
1	The observer did not board the for inspection. A photograph of the VMS antenna was taken and the markings "MAR GE V3 ID:156254 S/N: 13-TM0000133225" was displayed on the antenna.
2	The observer did not board the LSPLV, however a photograph of the MAR GE V2 was taken and the were no markings on the antenna.
3	The observer did not board the LSPLV for inspection, however two VMS antenna were mounted among antennas on top of the bridge and photographs were taken. One of the antennas displayed a label marked "TRITON ID NUMBER 523356" and the second antenna was of a CLS Thorium TST-100 VMS unit. The LSPLV authorization to fish and authorization to tranship were emailed a day prior to transshipment. The logbook was not shown to the observer.
4	The observer did not board the vessel for inspection.
5	The observer did not board the vessel for inspection; however, the logbook and copies of the ATF and ATT were sent over to the CV for verification. An antenna of the MAR GE V3 was mounted among other antennas on top of the wheel house and a photograph was taken.
6	The observer did not board the vessel for inspection, the logbook and authorization to fish and authorization to tranship were brought over to the carrier vessel for verification. There were no VMS antenna that could be seen on top of the wheel house.
7	The vessel was not boarded for inspection, the ATF, ATT and logbook were sent over to the CV for verification. A MAR GE V3 antenna with markings "TRITON ID NUMBER 523112" was mounted among other antennas on top of the wheel house and a photograph was taken.
8	The observer did not board the LSPLV for inspection, however the logbook, authorization to fish and authorization to tranship were brought over to the CV for verification. A "MAR GE V3" antenna was mounted on top of the wheel house and its photograph was taken.
9	The observer did not board the LSPLV for inspection however the logbook, authorization to fish and authorization to tranship were transferred over for verification. The logbook show to the observer was a ring bound notebook with lines drawn using a ballpoint pen. An antenna of a "MAR GE V3" with marking "MAR GE V2 ID: 155783, S/N: 13.TM0000128987" was mounted on top of the wheel house and a photograph was taken.
10	The observer did not board the LSPLV for inspection, the ATF, ATT and the logbook were sent over to the CV for verification. A CLS LEO VMS unit antenna was mounted on top of the wheel house and its photograph was taken.

TS No.	Comments
11	The observer did not board the LSPLV for inspection. However, the ATF and the ATT were transferred to the CV for verification. The logbook was not verified as the fishing vessel informed the observer that the logbook was electronic. An antenna of "MAR GE V3" VMS unit was mounted on top of the wheel house with markings "MAR GE V3 ID: 155336" and "S/N:13. TM0000107779" and a photograph of it was taken.
12	The observer did not board the LSPLV for inspection and the logbook, the ATF and the ATT were brought over to the CV for verification. The log sheets were loose but were print-outs of the electronic log. A photograph of a MAR GE V2 VMS unit antenna was taken.
13	The observer did not board the LSPLV for inspection and the logbook, the ATF and the ATT were brought over to the CV for verification. The log sheets were loose but were print-outs of the electronic log. A photograph of a MAR GE V2 VMS unit antenna was taken.
14	The observer did not board the LSPLV for inspection and the ATF, ATT and the logbook were transferred to the CV for verification and photographs. A THRANE & THRANE VMS unit antenna was mounted on the wheel house and its photograph was taken.
15	The observer did not board the LSPLV and the AFT, ATT as well as the logbook were transferred over to the CV for verification. A photograph of a MAR GE V3 VMS antenna was also taken.
16	The observer did not board the LSPLV for inspection and the ATF, ATT and the last page of an electronic logbook were transferred to the CV for verification. An antenna of a MAR GE V2 VMS unit was also photographed.
17	The observer did not board the LSPLV for inspection and the ATF and the ATT were transferred to the CV for verification. No logbook was shown to the observer, the LSPLV captain informed the observer that the vessel kept an electronic logbook. A MAR GE V3 antenna with markings "MAR GE V3 ID:155588" was also photographed.
18	The observer did not board the LSPLV for inspection and the LSPLV fishing master requested that the camera be sent over to the fishing vessel to photograph the electronic logbook and the VMS unit. The authorization to fish and the authorization to tranship was transferred over to the CV for verification.
19	The observer did not board the LSPLV for inspection and the fishing master requested that the observer's camera be transferred over to the LSPLV allow him to photograph the VMS unit and the logbook. The authorization to fish and authorization to tranship were transferred over to the CV for verification.
20	The observer did not board the LSPLV for inspection and the fishing master of the LSPLV requested that the camera be transferred over to photograph the VMS unit. The ATF, ATT and a copy of the logbook's last page were transferred over to the CV for inspection and photographs.

TS No.	Comments
21	<p>The observer did not board the LSPLV and the fishing master requested that the camera be transferred over to photograph the VMS unit.</p> <p>The ATF, ATT and the fishing log were transferred over to the CV for verification and photographs.</p>
22	<p>The observer did not board the LSPLV for inspection and the ATF, ATT and the fishing logbook were transferred to the CV for verification.</p>
23	<p>The observer did not board the vessel for inspection, the authorization to fish, authorisation to tranship and logbook were brought over to the CV for varication.</p> <p>The authorization to fish did not reflect the fishing area as Atlantic Ocean but as "outside Namibian waters".</p> <p>The antenna of a MAR GE V3 VMS unit was mounted on top of the wheel house and its photograph was taken.</p>
24	<p>The observer did not board the LSPLV for inspection and the ATF, ATT and the fishing logbook sent to the CV for verification.</p> <p>A MAR GE V2 antenna with markings "MAR GE V2 ID:143134" was photographed from the wheelhouse.</p>
25	<p>The observer did not board the LSPLV for inspection and the ATF, ATT and the logbook pages were bought over to the CV for verification.</p> <p>The LSPLV did not display the vessel's NRN.</p> <p>An antenna of MAR GE V2 VMS unit was also photographed from the top of the wheel house.</p>
26	<p>The observer did not board the LSPLV for inspection and the fishing master requested the observer's camera be sent over to photograph the electronic logbook. The ATF and the ATT were brought over to the CV for verification.</p>
27	<p>The observer did not board the LSPLV for inspection but the ATF, The ATT and the logbook were transferred to the CV for verification.</p> <p>The observer could not identify a VMS unit antenna among the antennas mounted on the vessel.</p> <p>The LSPLV name was not displayed on the stern, only port of registration was displayed.</p>
28	<p>The LSPLV name was not displayed on the stern, only the port of registration was displayed. The IRCS displayed on the LSPLV was for FU YUAN YU 7778 as according to the database. The observer did not board the vessel for inspection, the logbook and the authorization to fish were transferred to the CV for verification.</p>
29	<p>The observer did not board the LSPLV for the on-board checks but the ATF, ATT and the logbook were transferred to the CV for verification and photograph.</p> <p>A MAR GE V2 antenna was also photographed from the top of the vessels wheel house.</p>
30	<p>The observer did not board the vessel for the on-board checks and the logbook, ATF and ATT were transferred to the CV for verification.</p> <p>A MAR GE V3 VMS unit antenna was mounted on top of the vessel's wheel house.</p>

TS No.	Comments
31	The LSPLV was not boarded for the on-board checks while the ATF, ATT and the logbook were transferred over to the CV for verification. A MAR GE V3 VMS unit antenna was also photographed from the top of the wheel house.
32	The observer did not board the LSPLV for the on-board checks. The ATF, ATT and the logbook were transferred over to the CV for verification photographs. A MAR GE V3 VMS unit antenna was also photographed on top of the vessel's wheel house.
33	The observer did not board the LSPLV for the on-board checks and the LSPLV's fishing master requested the observer's camera to photograph the electronic logbook. The ATF and ATT were brought over to the CV for verification. A MAR GE V3 VMS unit antenna with markings "ID:154903" was also photographed from the vessel.
34	The authorization to fish was only available in the Japanese version, the CV captain confirmed it to be issued to the LSPLV and in date. The Fishing master of the LSPLV used the observer's camera to record photographs of the VMS and the electronic logbook on board.
35	The observer did not board the LSPLV and the ATF, ATT as well as the logbook were transferred to the CV for verification and photograph. A MAR GE V3 antenna was mounted among other antennas on top of the wheel house.
36	The fishing logbook, ATF and ATT were sent to the CV for the observer's checks. A MAR GE V3 antenna was mounted on top of the wheelhouse and it was photographed.
37	The ATF, ATT and log were sent to the CV for the Observer's checks while the LSPLV fishing master used the observer's camera to photograph the VMS on board.

PNC reports issued during the voyage

There were no potential none compliance issues observed during the deployment.

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

All the LSLVs participating in transshipment could be verified against the ICCAT vessel list.

8.2 Issues with Fishing Licence, logbooks or VMS

There were no issues related to fish licenses, logbooks that were shown to the observer. No issues were reported relating to the VMS units since the observer did not board the LSPVs for inspection, some of the fishing vessel masters requested the camera be transferred to the vessel to photograph the electronic logbooks and the VMS units.

9 Other Observer Tasks.

9.1 CV waste disposal

The kitchen waste was disposed to sea on daily bases. Plastic, cardboard boxes, bottles and metal waste was retained on board for shore disposal. All waste was collected stored in plastic bags in the poop-deck on the starboard side. There were marked drums to separate the waste into different categories. No waste was incinerated during the voyage. Woven bags were placed randomly on main deck to collect used gloves, rope off cuts and other waste. The photographs below displayed the waste collected during the voyage.



Figure 5: Garbage collection and separation system.

9.2 Unidentified or IUU vessels

There were no vessels sighted during the deployment other than the vessel that were engaged in transshipments with the CV.

On the 04/04/2021 as the CV approached the LSPLV for transshipment, a FAD (fish aggregating device) was sighted in position 04°53.734'N and 033°07.064'W drifting passed the CV at about 300 m. There were no markings on the FAD, however the CV radar identified it as "NA1003Buoy". (See Figure 6).



Figure 6: A FAD, NA1003BUOY, with GPS tracking device.

9.3 Marine mammals.

The animals sighted on the 23/02/2021 approached the CV from the port bow. The animals started bow riding as the vessel was steaming after few minutes they swam away, leaping in the playful behaviour heading in the easterly direction.

On the 11/04/2021 the animals were first sighted about 1Nm from the vessels at 08/15. They approached the vessels and were milling around for about 6 hours. They were occasionally seen flapping their tails on the surface and chasing the flying fish that was around the vessel. (See figure 7 below).

On the 06/05/2021 at 08:27 striped dolphins were sighted about half a mile away from the CV on the port bow. The animals were travelling in the same direction as the vessel. The animals moved so fast. It took 15 minutes and the animals were out sight due to the morning sun glare. (See figured 8 below).



Figure 7: Rough-toothed dolphin.



Figure 8: Stripped dolphin.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
23/02/2021	08:20	22°00.81'S	009°08.74'E	Common Dolphin (<i>Delphinus delphis</i>)	20	Travelling
11/04/2021	0815	10°58.98'N	028°00.29'W	Rough-toothed dolphin (<i>Steno bredanensis</i>)	40	Feeding

Date	Time	Lat	Lon	Species	Abundance	Behaviour
06/05/2021	08:27	33 50.21'S	030 28.65'E	Stripped dolphin (<i>Stenella coeruleoalba</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	

Appendices

Table 10 Non ROP Transhipments

Vessel Name	IRCS	ROP Ref Number	Date/time	Latitude	Longitude	Bait	Food	Fuel	Goods	Other
			26/02/2021 05:55	11°23.662 S	000°02.117 W	Baits	Food	Fuel	Goods	
			02/03/2021 05:30	07°24.65 S	010°39.988 W		Food			
			02/03/2021 06:45	07°22.908 S	010°40.787 W	Baits	Food		Goods	Other
			08/03/2021 07:10	05°17.736 S	019°14.592 W		Food		Goods	
			08/03/2021 09:00	05°17.435 S	019°15.586 W		Food		Goods	
			09/03/2021 12:15	05°26.315 S	020°44.095 W		Food		Goods	
			11/03/2021 09:10	03°46.658 N	024°58.941 W	Baits			Goods	
			11/03/2021 14:10	03°44.872 N	025°02.116 W	Baits	Food			
			12/03/2021 09:50	05°00.859 N	024°59.913 W		Food	Fuel		
			17/03/2021 09:15	10°18.721 N	031°38.722 W			Fuel		
			22/03/2021 05:50	13°28.031 N	033°04.491 W		Food			
			22/03/2021 11:30	13°24.262 N	033°09.399 W		Food	Fuel		

Comment:

The CV made a port call to Port Grande in the Cape Verde Islands for bunkering and picking up provisions for LSPLVs. The CV arrived on the 19/03/2021 at 09:00 local time and was anchored in position 16°53.16'N and 025°00.47'W. The CV departed on the 20/03/2021 at 14:45 heading to the fishing to continue with the ICCAT transhipments.

On the 12/05/2021 the CV made a port call at Port Louis in Mauritius for bunkering, provisions and discharging of *T. alalunga*. On arrival the CV was anchored in position 20°07.58'S and 057°28.67'E and the crew was required to undergo PCR test prior to berthing. On the 21/05/2021 the CV Ibuki transhipped fish cargo to the CV Yachiyo in position 20°06.88'S and 057°28.84'E, within Port Louis port limits, as the Ibuki had cancelled the port call to Kaohsiung, Taiwan. The species and quantities transhipped are reflected in table 11 (showing the LSPLVs from which the fish was originally received).

The CV made a port call to Singapore on the 01/06/2021 for bunkering, the CV arrived at pilot station at 16:30 and was assisted by the pilot to anchor position 01°16.02'N and 103°52.92'E. Bunkering was completed at 23:30 and the CV departed immediately, heading to Shimizu, Japan.

Table 11 Transshipment of fish from the IBUKI to the CV Yachio in Port Louis port limits (weight in KG).

LSPLV of origin	Date	BUM	MLS	SFA	SSP	OIL	OTF	TOTAL
	21/05/2021	6215	0	0	0	0	1480	7695
	21/05/2021	5205	364	0	0	0	3253	8822
	21/05/2021	17438	0	1573	2732	5960	8900	36603

ICCAT

Observer Report



Trip Number:	255/21
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000PAN00246
Observer Name:	Henry John Heyns
Cruise Dates:	From: 22/03/2021 To: 03/04/2021

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd. and Capricorn Fisheries Monitoring cc, Mr. Henry John Heyns (ICCAT no. 041) joined the Panama registered Carrier Vessel (CV) Genta Maru (ICCAT reg. no. AT000PAN00246) 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 22/03/2021 to 03/04/2021.

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:	H3EQ
Port of registration:	Panama	FlagState:	Panama
Owner:	Toei Reefer Line Ltd.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,780.72 m ³
Size (GRT):	3,989 t	Length (LOA):	99.06 m
Vessel monitoring system (present/absent):		Yes [Argos (CLS) LEO]	
Tuna products already on board (Quantity)		Yes (1,005.765 t)	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa.
Date of embarkation	22/03/2021
Date of departure	30/03/2021
Method of embarkation*	Portside
Date of first transshipment	31/03/2021
Date of last transshipment	31/03/2021
Port of return	At sea Cross Over, IOTC
Date of return ^{*1}	03/04/2021
Date of disembarkation ^{*1}	03/04/2021
Method of disembarkation*	At sea Cross Over, IOTC

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

Comment: The vessel performed only one at sea ICCAT transshipment and then steamed directly to the Indian ocean where it performed one at sea IOTC transshipment (trip no: 692/21) on 05/04/2021. The observer disembarked the vessel in Singapore on 04/05/2021.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel performed only one at sea transhipment, the location is shown in detail in Figure 1, the numbers received by nationality of vessels are given in Table 1.

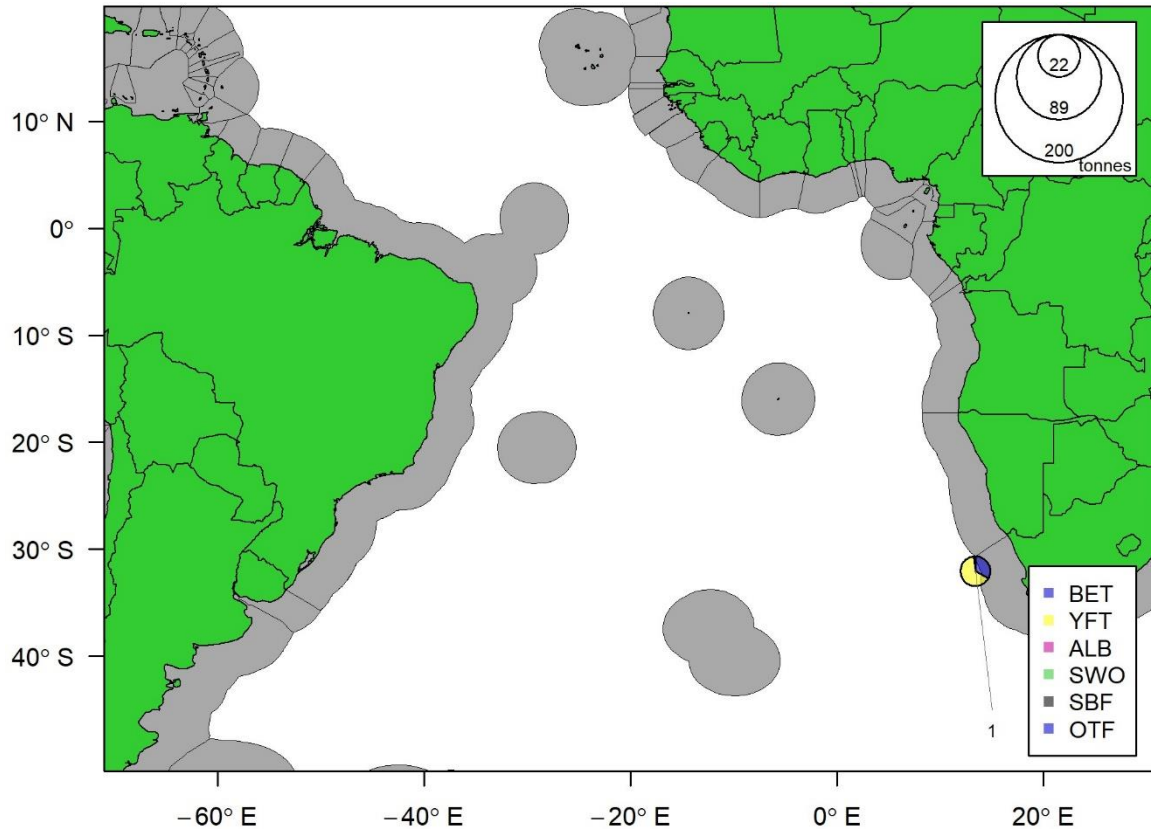


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	1

Comments: The CV performed a total of seven (7) inport fish transhipments in Cape Town. See **Table 12** in Annexure.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				No	31/03/21	32°02 S	013°23 E	02:45	100.00

Comments: The LSPLV was not boarded for the on-board checks as a precaution against COVID-19 infection.

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	17,345	15,301	26,891	30,152	758	816	0	0	44,994	46,269	1,280	2.76

Comments: None.

6 Species and weight transferred

The carrier vessel contained 1,005.765 tonnes of tuna and tuna related products when the observer boarded. The total declared weight of all species transferred during the ICCAT at sea transshipment is shown in **¡Error! No se encuentra el origen de la referencia.** and a breakdown of the 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	17.355	38.55	15.301	33.07
Swordfish	<i>Xiphias gladius</i>	All	758	1.68	816	1.76
Yellowfin tuna	<i>Thunnus albacares</i>	All	26.891	59.77	30.152	65.17

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

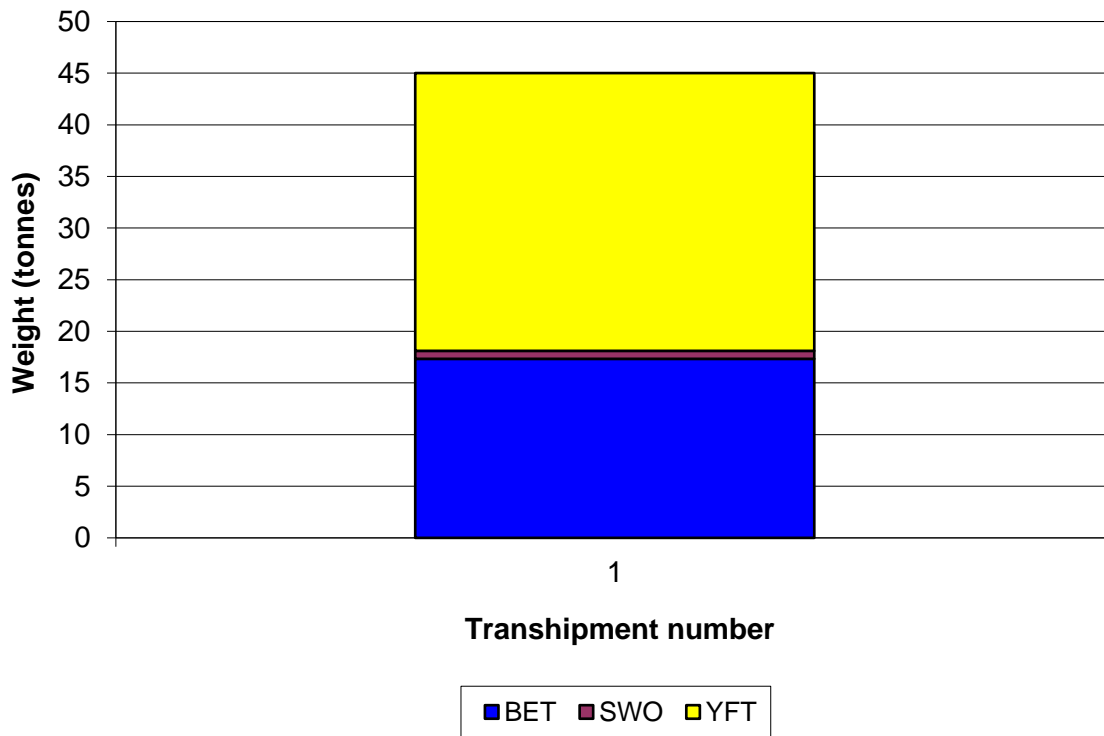


Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Bigeye tuna	<i>Thunnus obesus</i>	33.55
Swordfish	<i>Xiphias gladius</i>	58.31
Yellowfin tuna	<i>Thunnus albacares</i>	39.78

Comments: The vessel performed only one at sea transshipment during this cruise and the observer regarded the LSPLV-supplied weights and numbers for the species transhipped as realistic and utilised same in order to determine his average weights. Although the CV had an electronic hook scale on board, it was not used during this transshipment.

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			No	-	Yes	Yes	Yes	Yes	Yes	06/09/22	Yes	Yes	No	-	Yes	PB	29/03/2021

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

Comments: See Table 9.

Table 9 Comments on LSPLV checks

No	Comments
1	Both ATF and ATT documents were perused and found in order. The LSPLV master presented the observer with two (2) sets of logbooks; one for tuna and tuna related species and the other for sharks and other types of pelagic species.

The observer did not issue a Potential Non-Compliance (PNC) report.

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

Although there were demarcated waste containers positioned outside at the stern of the vessel, it was not utilised correctly insofar that non-biodegradable waste was not sorted and placed in these containers. All non-biodegradable and general waste were placed in two large bags, both situated on the main deck; one on the port side and one situated at the stern. When these bags were full, they were removed and stowed on the muster deck for disposal in port. Although the engine room was equipped with an incinerator device, it was not utilised.

The CV operated a very innovative system whereby drums of 200 litre lubricant were not physically transhipped to a LSPLV but instead the contents were pumped across and the empty drums were retained onboard the CV for re-use.

Galley waste was discarded overboard on a daily basis. The galley was equipped with a macerator device for use when the vessel was sailing in sensitive MARPOL areas.

During the course of the cruise the observer did not notice any crew discarding waste overboard.



Demarcated waste containers positioned at the stern.



Bag for combined non-biodegradable & general waste situated at stern.



Bag situated on port side of main deck for non-biodegradable & general waste generated on the working deck.



Stowage area on muster deck for bags containing non-biodegradable & general waste.



Empty drums retained on board for re-use by the CV.



Galley macerator device and waste receptacles.

9.2 Unidentified or IUU vessels

The observer did not notice any unidentified vessels nor were any pointed out to him.

9.3 Marine mammals.

The observer did not notice any key marine mammal species nor were any sightings reported to him.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
-	-	-	-	-	-	-

10 Health and Safety on board the CV

The observer performed a safety inspection whilst still in Cape Town and all equipment and relevant documentation was in date and in good working order.

The observer was not aware of any safety drills or exercises and/or lectures performed during the ICCAT portion of the cruise.

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 In port transshipments done in Cape Town

No.	Vessel	RFMO Number	Date	Lat	Lon	Comments
01			20/03/2021	33°54 S	018°26 E	Fish (117.7t) + supplies + bait
02			21/03/2021	33°54 S	018°26 E	Fish (121.328t) + supplies + bait
03			22/03/2021	33°54 S	018°26 E	Fish (80.034t) + supplies
04			23/03/2021	33°54 S	018°26 E	Fish (76.218t) + supplies + bait
05			26/03/2021	33°54 S	018°26 E	Fish (217.470 t) only
06			27/03/2021	33°54 S	018°26 E	Fish (178.126 t) only
07			29/03/2021	33°54 S	018°26 E	Fish (250.166 t) only

ICCAT

Observer Report



Trip Number:	256-21
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 28/04/2021 To: 23/06/2021

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and the consortium of MRAG Ltd and Capricorn Fisheries Monitoring cc, Peter Johann Beets (ROP No.152) 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 species in the Atlantic Ocean from 28/04/2021 to 23/06/2021.

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, Mie	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3200 t
Size (GRT):	4992 t	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	110 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	28/04/2021
Method of embarkation*	Portside
Date of departure	30/04/2021
Date of first transshipment	03/05/2021
Date of last transshipment	20/06/2021
Date of return	22/06/2021
Date of disembarkation	23/06/2021
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

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

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

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

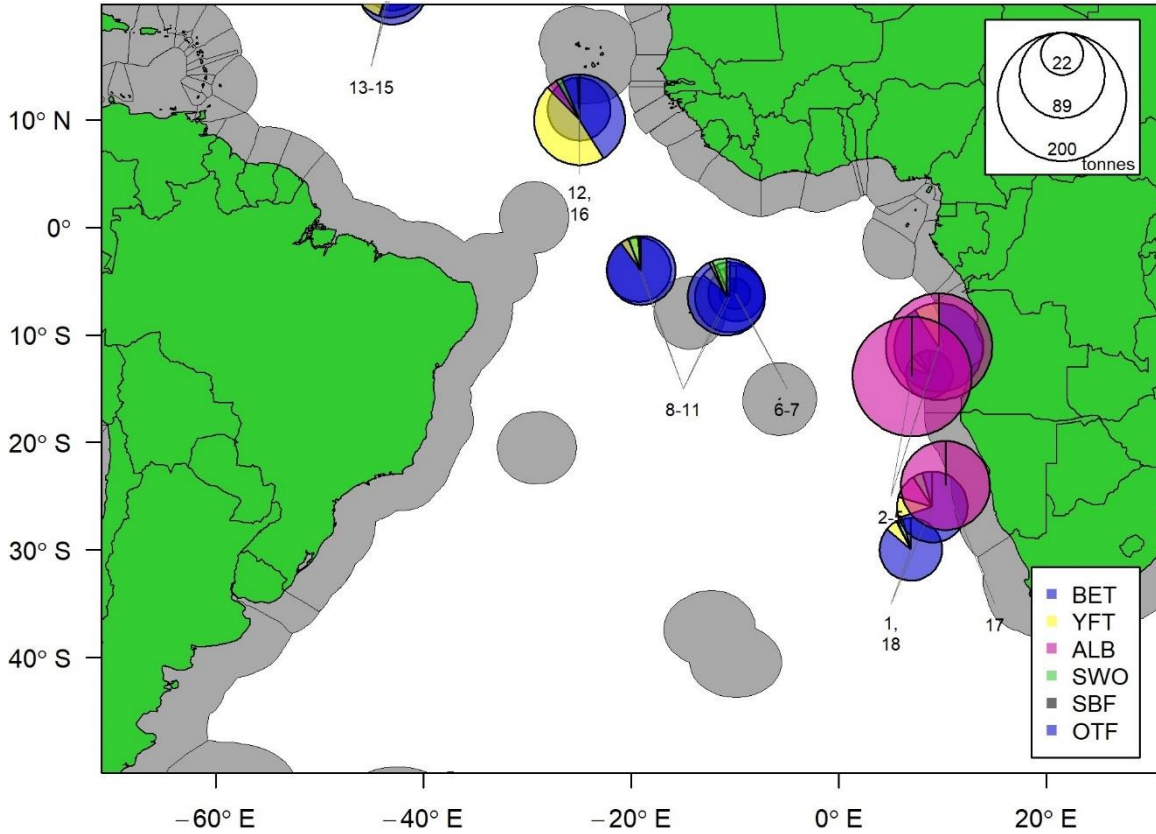


Figure 1, the numbers received by nationality of vessel are given in Table 1.

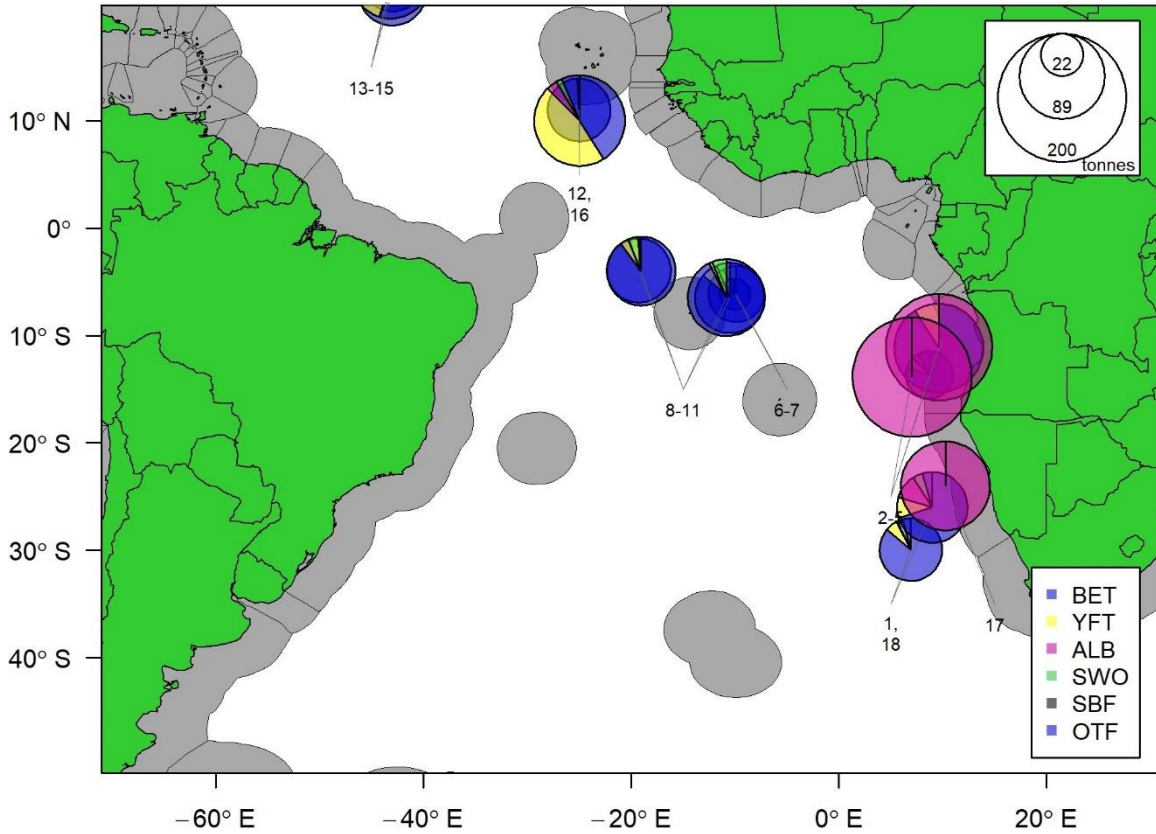


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	7
XXX	8
XXX	2

Comments:

The CV conducted 13 non-ROP transhipments during this deployment. The details pertaining to all non-ROP transhipments are given in Table 13.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				No	03/05/21	29°55.7 S	006°55.5 E	02:29	100.00%
2				No	12/05/21	13°51.9 S	007°02.6 E	04:20	100.00%
3				No	13/05/21	13°39.4 S	008°42.7 E	02:20	100.00%
4				No	14/05/21	11°10.1 S	009°36.6 E	02:00	100.00%
5				No	14/05/21	11°05 S	009°38.1 E	03:10	100.00%
6				No	18/05/21	06°10.2 S	009°59.3 W	01:25	100.00%
7				No	18/05/21	06°08.6 S	009°53.6 W	00:30	100.00%
8				No	19/05/21	06°30.4 S	010°30.4 W	02:48	100.00%
9				No	20/05/21	06°28.2 S	010°50.2 W	04:05	100.00%
10				No	22/05/21	04°00 S	019°02 W	03:30	100.00%
11				No	22/05/21	03°56.9 S	019°15.6 W	03:24	100.00%
12				No	25/05/21	10°59.4 N	025°01.2 W	00:55	100.00%
13				No	31/05/21	22°02.4 N	042°59.8 W	04:40	100.00%
14				No	01/06/21	23°06.6 N	043°09.3 W	08:40	100.00%
15				No	02/06/21	23°03.7 N	042°59 W	09:00	100.00%
16				No	06/06/21	10°00.1 N	024°58.3 W	02:09	100.00%
17				No	17/06/21	23°59.8 S	010°15.1 E	03:38	100.00%
18				No	20/06/21	25°59.3 S	008°58.8 E	06:05	100.00%

Comments:

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	51.202	51.057	0.437	0.436	0	0	0	0	51.639	51.493	-0.15	-0.28%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
2	43.597	44	49.542	50	1.294	2.4	5.349	10.8	99.782	107.2	7.42	6.92%
3	45.523	46.283	10.546	10.722	3.491	2.099	1.848	1.937	61.408	61.041	-0.37	-0.60%
4	40.207	38.034	7.416	7.015	1.911	1.507	4.137	3.945	53.671	50.501	-3.17	-6.28%
5	43.87	42.987	25.007	24.503	3.017	3.476	8.078	7.721	79.972	78.687	-1.29	-1.63%
6	35.536	34.66	2.778	2.71	3.453	3.12	0	0	41.767	40.49	-1.28	-3.15%
7	12.053	12.153	0.176	0.177	0	0	0	0	12.229	12.33	0.10	0.82%
8	54.639	54.807	4.925	4.94	3.724	3.95	0	0	63.288	63.697	0.41	0.64%
9	70.776	71.444	1.04	1.05	4.706	4.706	0	0	76.522	77.2	0.68	0.88%
10	50.74	50.607	2.67	2.663	0	0	0	0	53.41	53.27	-0.14	-0.26%
11	54.629	55.267	2.416	2.444	2.106	2.858	0.833	1	59.984	61.569	1.59	2.57%
12	22.921	23.175	2.069	2.092	1.738	1.064	2.376	2.56	29.104	28.891	-0.21	-0.74%
13	90.296	93.35	9.061	9.367	0	0	0	0	99.357	102.717	3.36	3.27%
14	0	0	0	0	0	0	146.014	147.532	146.014	147.532	1.52	1.03%
15	0	0	0	0	0	0	195.554	184.992	195.554	184.992	-10.56	-5.71%
16	43.893	43.893	3.119	3.119	1.713	1.645	2.681	2.28	51.406	50.937	-0.47	-0.92%
17	45.069	45.635	6.135	6.212	4.249	3.112	9.23	10.124	64.683	65.083	0.40	0.61%
18	0	0	0	0	0	0	103.612	103	103.612	103	-0.61	-0.59%

Comments:

The species which were shown under the column for Other, Vessel included; albacore (*Thunnus alalunga*), Atlantic blue marlin (*Makaira nigricans*), Indo-Pacific sailfish (*Istiophorus platypterus*) and striped marlin (*Tetrapturus audax*).

The species which were shown under the column for Other Observed included; albacore (*Thunnus alalunga*), Atlantic blue marlin (*Makaira nigricans*), Atlantic sailfish (*Istiophorus albicans*) and striped marlin (*Tetrapturus audax*).

6 Species and weight transferred

The vessel contained 110 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.**, 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>	All	453.48	33.76%	4.50	0.34%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	49.12	3.66%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	393.62	29.36%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	25.37	1.89%	16.97	1.27%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	3.62	0.27%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	7.25	0.54%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.79	0.06%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	704.95	52.48%	707.35	52.76%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	0.00	0.00%	0.70	0.05%
Striped marlin	<i>Tetrapturus audax</i>	All	0.07	0.01%	0.11	0.01%
Swordfish	<i>Xiphias gladius</i>	All	31.40	2.34%	7.69	0.57%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	3.00	0.22%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	19.25	1.44%
Yellowfin tuna	<i>Thunnus albacares</i>	All	127.34	9.48%	127.45	9.51%

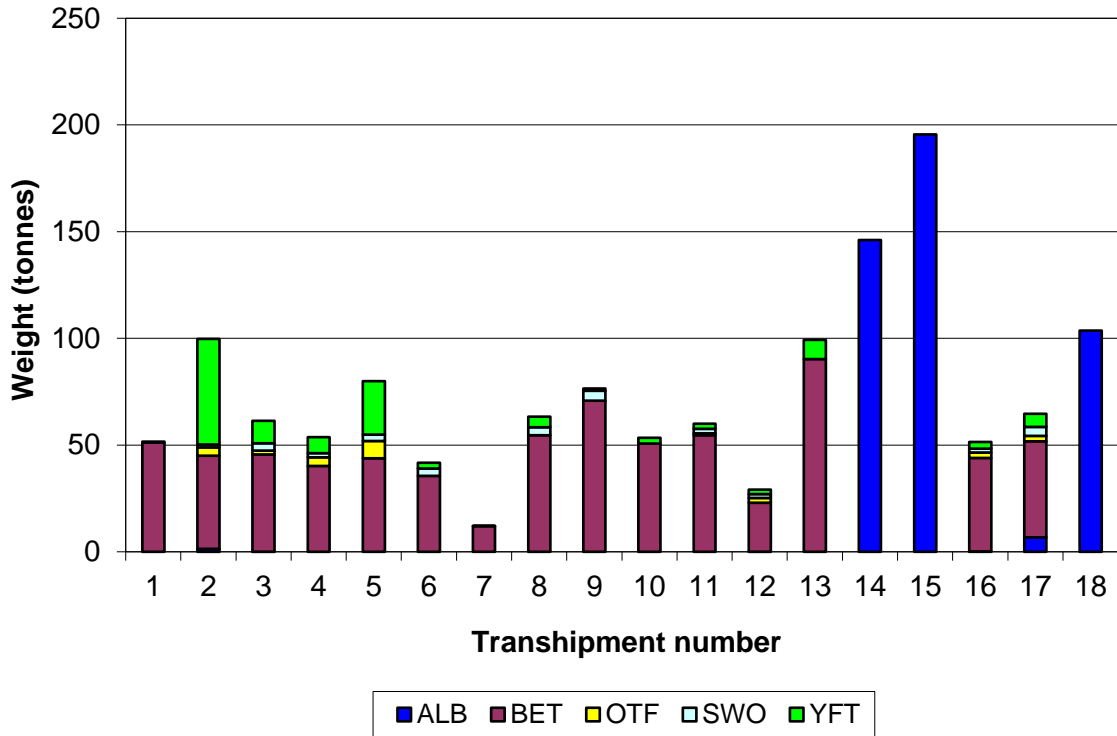


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species(kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21,60
Atlantic blue marlin	<i>Makaira nigricans</i>	95,75
Bigeye tuna	<i>Thunnus obesus</i>	42,40
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	21,22
Striped marlin	<i>Tetrapturus audax</i>	36,50
Swordfish	<i>Xiphias gladius</i>	46,45
Yellowfin tuna	<i>Thunnus albacares</i>	41,04

Comments:

The most commonly declared species was bigeye tuna (*Thunnus obesus*), contributing 52.76% of the tonnage transhipped. Albacore (*T. alalunga*) contributed 33.36% of the transferred tonnage due to three LPLVs that transhipped large quantities of the species exclusively. Yellowfin tuna (*T. albacares*) contributed 9.51% of the transferred tonnage. The remaining 4.37% of the tonnage transhipped consisted of Atlantic blue marlin (*Makaira nigricans* [2.08%]), swordfish (*Xiphias gladius* [2.23%]), Indo-pacific sailfish (*Istiophorus platypterus* [0.05%]) and striped marlin (*Tetrapturus audax* [0.01%]).

Observer estimates were derived from fish counts. Strings were identified to species and counted for each species represented in the string. Total counts for each species were tallied at the end of the transshipment and multiplied by the average weight per fish for each species. Average weights for species were derived from information obtained from LSPLVs which specified the total tonnage declared as well as the number of fish for each species transhipped.

The CV made use of a hook scale and the observer was provided with the summary of the string weights for each transshipment.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	<i>Thunnus alalunga</i>	Rounded Weight	447238
Atlantic blue marlin	<i>Makaira nigricans</i>	Dressed weight	14996
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled & gutted	12847
Bigeye tuna	<i>Thunnus obesus</i>	Gilled & gutted	707352
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Dressed weight	700
Striped marlin	<i>Tetrapturus audax</i>	Gilled & gutted	110
Swordfish	<i>Xiphias gladius</i>	Dressed weight	19052
Swordfish	<i>Xiphias gladius</i>	Fillet	10885
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled & gutted	127450

Comments:

Bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) were gilled and gutted (GG) without exception. Albacore (*T. alalunga*) were transhipped whole (RD) at all times. Sailfish (The observer recorded *Istiophorus albicans* as the species) were transhipped in dressed form (DR) for all transshipments. Atlantic blue marlin (*M. nigricans*) was transhipped either as GG or DR. The processing type appeared to be determined by the vessel from which the transshipment was made. Smaller swordfish (*X. gladius*) were generally transhipped as DR while larger swordfish were filleted (FL). Striped marlin (*T. audax*) was transhipped in very small quantities and were always GG.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped during this deployment.

Table 7 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
N/A									

Table 8 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:

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 9 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			No	03/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	No		Yes	PB	03/05/21
2			No	12/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
3			No	13/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
4			No	14/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
5			No	14/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
6			No	18/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
7			No	18/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	No		Yes	PB	18/05/21
8			No	19/05/21	Yes	Yes	Yes	Yes	Yes	Yes	10/10/21	Yes	Y	No		Yes	PB	18/05/21
9			No	20/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	No		Yes	PB	19/05/21
10			No	22/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	No		Yes	PB	21/05/21
11			No	22/05/21	Yes	Yes	Yes	Yes	Yes	Yes	24/09/21	Yes	Y	No		Yes	PB	21/05/21
12			No	25/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
13			No	31/05/21	Yes	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Y	No		Yes	PB	31/05/21
14			No	01/06/21	Yes	Yes	Yes	Yes	Yes	Yes	31/08/21	Yes	Y	No		Yes	PB	31/05/21
15			No	02/06/21	Yes	Yes	Yes	Yes	Yes	Yes	31/08/21	Yes	Y	No		Yes	PB	01/06/21
16			No	06/06/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
17			No	17/06/21	Yes	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No	*	
18			No	20/06/21	Yes	Yes	Yes	Yes	Yes	Yes	31/12/21	Yes	Y	No		Yes	PB	20/06/21

Comments.

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

Key: Y: Yes; N: No; U: Unknown.

The observer did not board any of the LSPLVs due to COVID 19 precautions. The observer was ordered not to board LSPLVs under any circumstances. ATFs and logbooks, where practically possible, were transferred from the LSPLVs to the CV for the observer's perusal and photographic log.

*The logbooks from xxx flagged LSPLVs could not be examined as these were in electronic format fixed to the vessel.

Additionally, the VMS units could not be examined for the purpose of ascertaining whether or not they were switched on. However, the observer photographed the VMS antennae which were visible from the deck of the CV.

Table 10 Comments on LSPLV checks

No	Comments
13	The vessel markings on the starboard bow were badly faded and could not be read. Figure 3 Partially worn bow markings of the LSPLV xxx

The observer made one (1) Potential Non-Compliance (PNC) report summarised below in Table 11.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
13	xxx	xxx	1	IIM		

In follow-up to PNC01, the xxx said that the starboard bow markings would be amended when sea conditions allowed or alternatively at the dock as soon as possible.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a well managed waste disposal system implemented. Numerous colour-coded and clearly labelled bins were situated at various locations around the CV. In addition, an incinerator was installed in the stern.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were encountered during this deployment.

9.3 Marine mammals.

Marine mammals were observed on six occasions. The information pertaining to marine mammal observations can be seen in Table 12.

In addition to marine mammal sightings, a noteworthy observation occurred on 20/06/2021. Twelve olive ridley turtles (*Lepidochelys olivacea*) were observed over the course of an hour while the observer was in the bridge. The observations occurred from 14:30 to 15:30 on the abovementioned date at or around 26°07.208'S and 009°08.692'E.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
09/05/21	14:00	22°52.375'S	014°27.796'W	Humpback whale (<i>Megaptera novaeangliae</i>)	1	Swimming in northerly direction along Pelican Point, close inshore. One breach observed.
26/05/21	12:00	13°01.201'N	025°42.852'W	Common dolphin (<i>Delphinus delphis</i>)	10(approx.)	Swimming and porpoising alongside vessel in a generally northerly direction.
16/06/21	08:20	22°21.128'S	008°34.648'W	Common dolphin (<i>Delphinus delphis</i>)	15-20 (approx.)	Swimming and porpoising across bow of vessel in a generally south-westerly direction.
20/06/21	15:10	26°09.534'S	009°11.528'E	Bryde's whale (<i>Balaenoptera brydei</i>)	2	Swimming in north-easterly direction.

Date	Time	Lat	Lon	Species	No	Behaviour
20/06/21	15:25	26°11.739'S	009°14.258'E	UNID beaked whale	2 (One adult and one calf)	Swimming in north-easterly direction.
21/06/21	13:15	30°08.815'S	013°56.245'E	Unknown baleen whale	1	Swimming in westerly direction.

10 Health and Safety on board the CV

No health and safety concerns were apparent. The CV had an area identified for quarantine purposes in the event of suspected COVID-19 cases. The area can be cordoned off. All crew members took their temperatures every morning and thorough records were kept on file throughout the voyage.

11 Submitting Report to the Master

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

Yes	No
X	

Table 13 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		02/05/2021	33°01.656'S	008°59.163'E	Bait and general cargo	Yes (5)
		02/05/2021	33°04.262'S	008°45.651'E	Bait and general cargo	Yes (5)
		03/05/2021	29°59.971'S	006°59.031'E	Bait, fuel and general cargo	Yes (5)
		04/05/2021	24°59.339'S	010°39.634'E	Fuel and general cargo	Yes (5)
		04/05/2021	24°56.243'S	010°38.972'E	Fuel and general cargo	Yes (5)
		06/05/2021	22°52.455'S	014°27.786'E	In port transhipment – 146 tonnes	Yes (5)
		10/05/2021	21°57.555'S	009°30.993'E	Fuel and general cargo	Yes (5)
		11/05/2021	18°55.544'S	008°05.206'E	Bait, fuel and general cargo	Yes (5)
		15/05/2021	09°29.162'S	005°47.973'E	Fuel	Yes (5)
		16/06/2021	22°31.595'S	008°59.487'E	Fuel	Yes (5)
		17/06/2021	23°56.215'S	010°14.057'E	Fuel	Yes (5)
		18/06/2021	24°49.128'S	010°20.167'E	Fuel	Yes (5)
		19/06/2021	23°49.946'S	010°30.063'E	Fuel	Yes (5)