ICCAT

Observer Report

Trip Number:	**284/23**
Vessel Name:	**TAISEI MARU NO.15**
ICCAT Ref. No.	**AT000JPN00651**
Observer Name:	**SAMI YILDIZ**
Cruise Dates:	**From: 23/07/2023 To: 20/09/2023**

1 Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA, LTD and consortium of MRAG and Capricorn Fisheries Monitoring cc, Sami Yildiz (Rop No 147) joined the Japan registered Carrier Vessel (CV) TAISEI MARU NO.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 23/07/2023 to 20/09/2023.

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	N/A
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6,335.7 m^3 / 3,200 tons
Size (GRT):	4,969 tons	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):		Present, CLS triton(iridium)	
Tuna products already on board (Quantity)		0	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	23/07/2023
Method of embarkation*	In port (dockside)
Date of departure	24/07/2023
Date of first transhipment	27/07/2023
Date of last transhipment	13/09/2023
Date of return	20/09/2023
Date of disembarkation	20/09/2023
Method of disembarkation*	IOTC cross over
Port of return	IOTC cross over

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 30 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

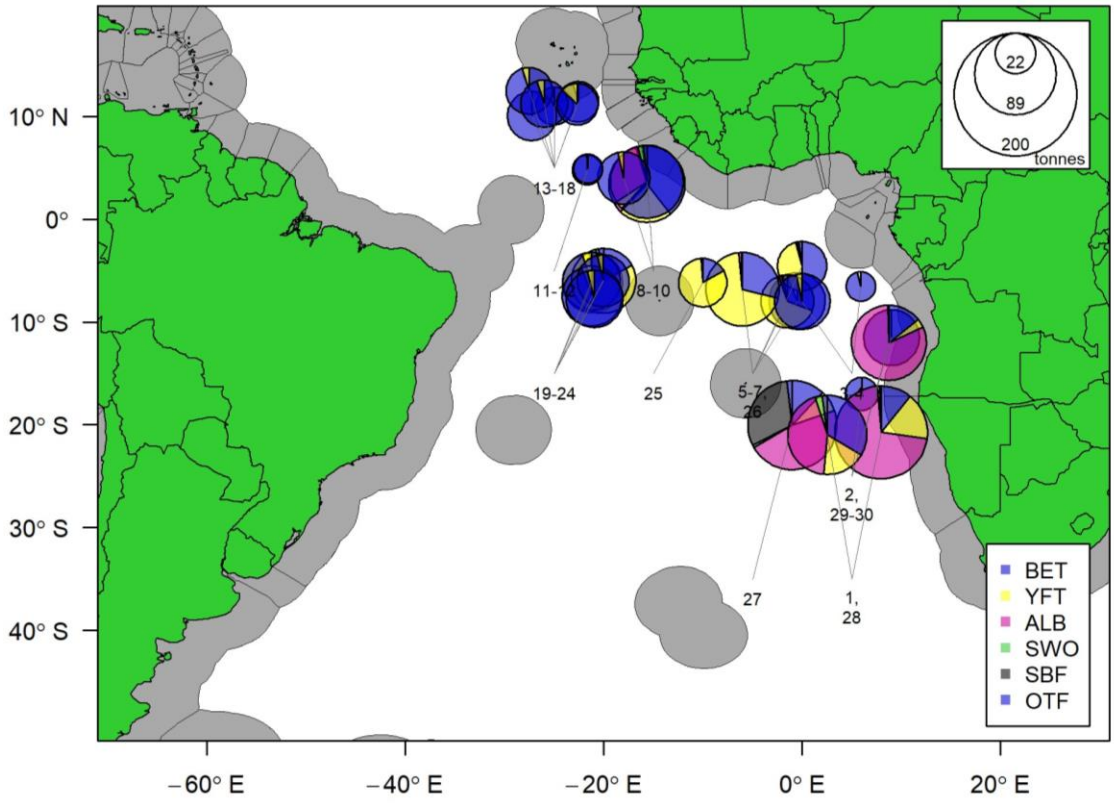

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	19
xxx	11

Comments: 4 Non-ROP transhipments at sea were conducted by the CV during the deployment which were presented 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				Yes	27/07/2023	20°43.955 S	007°57.163 E	07:38	100
2				Yes	28/07/2023	16°59.03 S	005°59.507 E	05:14	100
3				Yes	30/07/2023	06°32.647 S	005°54.5 E	02:02	100
4				Yes	03/08/2023	08°00.049 S	000°00.319 E	01:25	100
5				Yes	04/08/2023	04°33.454 S	000°00.572 W	03:19	100
6				Yes	05/08/2023	07°59.345 S	001°29.957 W	01:01	100
7				Yes	05/08/2023	07°57.197 S	000°30.975 W	01:40	100
8				Yes	08/08/2023	03°25.346 N	015°39.457 W	04:43	100
9				Yes	09/08/2023	03°39.06 N	015°39.091 W	04:07	100
10				Yes	10/08/2023	03°59.467 N	017°59.403 W	04:19	100
11				Yes	11/08/2023	04°47.731 N	021°39.851 W	03:05	100
12				Yes	11/08/2023	04°54.96 N	021°34.757 W	04:47	100
13				Yes	13/08/2023	10°02.727 N	027°13.909 W	05:54	100
14				Yes	14/08/2023	11°15.097 N	025°59.679 W	05:17	100
15				Yes	15/08/2023	11°00.502 N	024°58.271 W	08:58	100
16				Yes	17/08/2023	12°29.158 N	027°29.679 W	07:42	100
17				Yes	23/08/2023	11°25.43 N	022°32.602 W	05:52	100
18				Yes	24/08/2023	11°10.79 N	022°39.054 W	05:00	100
19				Yes	28/08/2023	06°08.798 S	021°08.324 W	03:25	100
20				Yes	28/08/2023	06°03.087 S	021°13.706 W	04:12	100
21				Yes	29/08/2023	07°27.752 S	021°10.415 W	03:57	100
22				Yes	30/08/2023	07°44.236 S	020°56.776 W	04:22	100
23				Yes	31/08/2023	05°59.529 S	020°00.749 W	01:11	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
24				Yes	31/08/2023	05°58.987 S	020°03.439 W	03:41	100
25				Yes	02/09/2023	06°09.934 S	010°01.249 W	05:20	100
26				Yes	03/09/2023	06°48.803 S	006°01.305 W	03:02	100
27				Yes	08/09/2023	20°01.196 S	001°00.163 W	06:16	100
28				Yes	09/09/2023	20°57.815 S	002°31.196 E	05:39	100
29				Yes	12/09/2023	11°30.463 S	008°59.893 E	10:52	100
30				Yes	13/09/2023	12°00.632 S	008°43.974 E	07:06	100

Comments:

Note: The observer monitered 100% of all transhipment.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	41,393	39,987	23,784	22,998	2,515	2,476	37,191	36,137	104,883	101,598	-3,285	-3.23
2	61,101	57,611	3,676	3,520	2,326	2,148	31,013	29,624	98,116	92,903	-5,213	-5.61
3	46,079	46,115	1,663	1,744	0	0	0	0	47,742	47,859	117	0.24
4	15,954	15,410	10	10	0	0	0	0	15,964	15,420	-544	-3.53
5	14,464	14,367	271	271	0	0	0	0	14,735	14,638	-97	-0.66
6	25,574	24,492	127	127	0	0	0	0	25,701	24,619	-1,082	-4.39
7	44,384	41,720	260	260	0	0	0	0	44,644	41,980	-2,664	-6.35
8	37,255	35,990	1,875	1,841	0	0	0	0	39,130	37,831	-1,299	-3.43
9	28,834	27,032	1,246	1,332	0	0	0	0	30,080	28,364	-1,716	-6.05
10	36,800	37,000	1,990	2,026	0	0	0	0	38,790	39,026	236	0.60
11	24,825	26,026	3,905	4,024	0	0	0	0	28,730	30,050	1,320	4.39
12	51,643	51,899	3,277	3,467	0	0	0	0	54,920	55,366	446	0.81

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
13	24,078	21,342	18,747	19,306	392	455	1,273	1,298	44,490	42,401	-2,089	-4.93
14	14,976	15,075	33,814	31,352	212	226	2,121	2,317	51,123	48,970	-2,153	-4.40
15	25,885	27,286	68,890	65,419	313	313	1,142	1,325	96,230	94,343	-1,887	-2.00
16	6,430	6,811	35,804	33,659	230	307	66	66	42,530	40,843	-1,687	-4.13
17	11,686	12,695	51,034	48,950	362	362	788	788	63,870	62,795	-1,075	-1.71
18	11,159	12,500	58,048	57,500	988	988	1,855	1,894	72,050	72,882	832	1.14
19	56,329	55,194	2,891	3,043	0	0	0	0	59,220	58,237	-983	-1.69
20	62,387	59,180	3,573	3,657	0	0	0	0	65,960	62,837	-3,123	-4.97
21	46,245	45,300	0	1,700	0	0	0	0	46,245	47,000	755	1.61
22	58,776	54,606	2,154	2,283	0	0	0	0	60,930	56,889	-4,041	-7.10
23	14,526	14,505	564	604	0	0	0	0	15,090	15,109	19	0.13
24	53,247	51,801	1,903	1,978	0	0	0	0	55,150	53,779	-1,371	-2.55
25	19,820	18,919	0	0	0	0	0	0	19,820	18,919	-901	-4.76
26	56,096	53,883	134	134	0	0	0	0	56,230	54,017	-2,213	-4.10
27	16,592	13,937	3,878	3,985	420	450	77,538	80,000	98,428	98,372	-56	-0.06
28	16,216	16,479	10,428	10,703	1,281	1,350	109,955	110,189	137,880	138,721	841	0.61
29	15,748	16,214	28,027	24,702	1,165	1,232	113,105	108,458	158,045	150,606	-7,439	-4.94
30	37,116	36,857	18,391	19,378	3,006	3,078	49,087	50,176	107,600	109,489	1,889	1.73

Comments: The observer is confident with their weight estimations as they collected the weight data from the CV hook scale.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	N	2,183	0.12	2,470	0.14
Albacore	*Thunnus alalunga*	S	365,194	20.35	362,511	20.65
Atlantic blue marlin	*Makaira nigricans*	N	4,284	0.24	4,284	0.24
Atlantic blue marlin	*Makaira nigricans*	S	2,262	0.13	2,262	0.13
Atlantic sailfish	*Istiophorus albicans*	E	753	0.04	819	0.05
Bigeye tuna	*Thunnus obesus*	All	975,618	54.37	950,233	54.12
Butterfly kingfish	*Gasterochisma melampus*	SE	3,353	0.19	3,421	0.19
Longbill spearfish	*Tetrapturus pfluegeri*	E	106	0.01	132	0.01
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	NE	487	0.03	578	0.03
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	SE	103	0.01	162	0.01
Opah	*Lampris guttatus*	NE	0	0.00	37	0.00
Opah	*Lampris guttatus*	SE	1,859	0.10	1,714	0.10
Skipjack tuna	*Katsuwonus pelamis*	E	15	0.00	38	0.00
Southern bluefin tuna	*Thunnus maccoyii*	All	42,980	2.40	42,247	2.41
Striped marlin	*Tetrapturus audax*	NE	239	0.01	281	0.02
Striped marlin	*Tetrapturus audax*	SE	1,316	0.07	1,316	0.07
Swordfish	*Xiphias gladius*	N	2,497	0.14	2,651	0.15
Swordfish	*Xiphias gladius*	S	10,713	0.60	10,734	0.61
Yellowfin tuna	*Thunnus albacares*	All	380,364	21.20	369,973	21.07

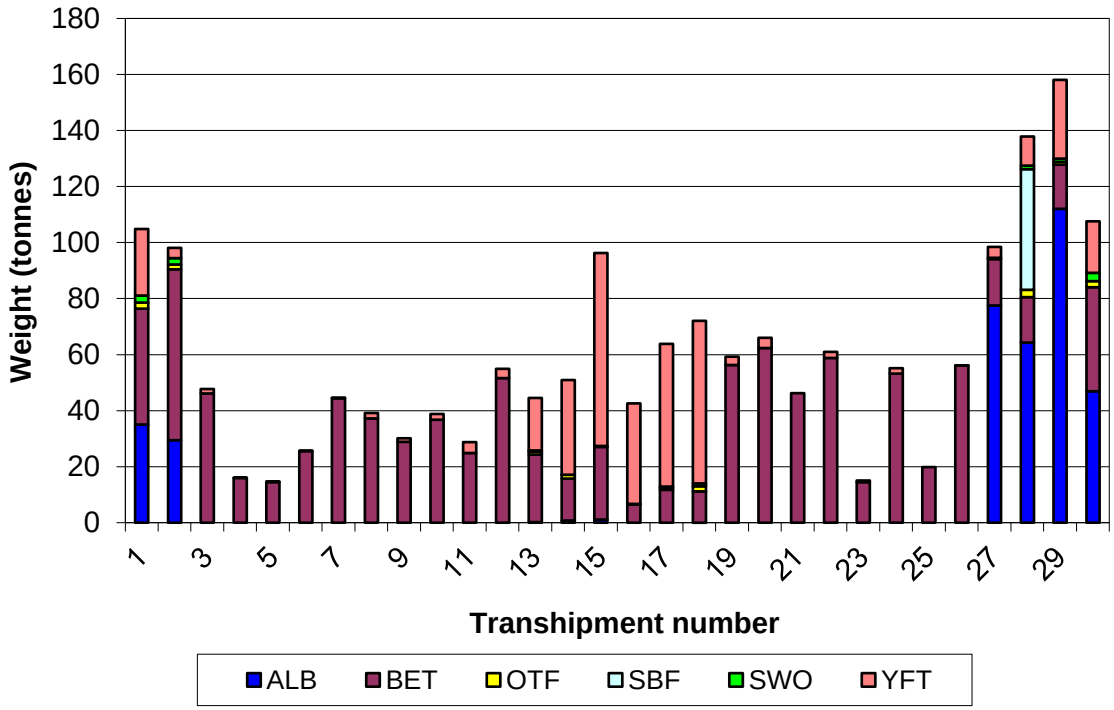

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	12.73
Atlantic blue marlin	*Makaira nigricans*	105.58
Atlantic sailfish	*Istiophorus albicans*	22.15
Bigeye tuna	*Thunnus obesus*	42.22
Butterfly kingfish	*Gasterochisma melampus*	9.01
Longbill spearfish	*Tetrapturus pfluegeri*	26.50
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	9.52
Opah	*Lampris guttatus*	10.87
Skipjack tuna	*Katsuwonus pelamis*	7.50
Southern bluefin tuna	*Thunnus maccoyii*	48.56
Striped marlin	*Tetrapturus audax*	32.40
Swordfish	*Xiphias gladius*	33.50
Yellowfin tuna	*Thunnus albacares*	43.84

Comments: *Thunnus obesus* (54.12%), *Thunnus albacares* (21.07%), and *Thunnus alalunga* (20.79%), were the main three species transhipped during this deployment. The other transhipped species consisted of *Thunnus maccoyii* (2.41%), and *Xiphais gladius* (0.76%), and respectively, *Makaria nigricans*, *Gasterochisma melampus*, *Lamris guttatus*, *Istiophorus albicans*, *Scomberomorus commerson*, *Tetrapturus pfluegeri* and *Katsuwonus pelamis*.

The CV made use of hook scale to weigh the transhipped products. There was only one species (bigeye (*Thunnus obesus*)) transhipped in TS# 25 which provided the observer a clear weight estimation of the transhipped bigeye products. The southern bluefin tuna in

TS#28 was weighed individually which also let the observer to collect a clear weight estimation of the southern bluefin tuna. The rest of the products were transhipped and weighed in mixed strings. In these cases the average weights that were provided by the LSPLVs were used by the observer to estimate the weight of those products in mixed strings. Transhipments were carried out using strings and nets.

In all occasions the transhpment declarations were completed by the CV based on the LSPLVs declarations.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	364,981
Atlantic blue marlin	*Makaira nigricans*	Dressed weight	2,399
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	4,147
Atlantic sailfish	*Istiophorus albicans*	Gilled & gutted	819
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	950,233
Butterfly kingfish	*Gasterochisma melampus*	Dressed weight	3,421
Longbill spearfish	*Tetrapturus pfluegeri*	Dressed weight	132
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Dressed weight	740
Opah	*Lampris guttatus*	Dressed weight	1,751
Skipjack tuna	*Katsuwonus pelamis*	Rounded Weight	38
Southern bluefin tuna	*Thunnus maccoyii*	Gilled & gutted	42,247
Striped marlin	*Tetrapturus audax*	Gilled & gutted	1,597
Swordfish	*Xiphias gladius*	Dressed weight	5,427
Swordfish	*Xiphias gladius*	Fillet	7,958
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	369,973

Comments: *Thunnus obesus*, *Thunnus albacares*, *Thunnus maccoyii*, *Tetrapturus audax* and *Istiophorus albicans* were transhipped as Gilled & gutted (GG) while *Thunnus alalunga* and *Katsuwonus pelamis* were transhipped as Rounded (RD) product type. *Xiphias gladius* was transhipped as both Dressed (DR) and Fillet (FL) and *Makaira nigricans* was transhipped as both GG and DR product types. The rest of species were transhipped as DR product type.

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
28				Yes	09/09/2023	20°57.815 S	002°31.196 E	05:39	100

Table 8 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Catch Tagging Form Number	Tag series number (from – to)
28	9	885	42,247	CM-xxx-23-070-01	T-xxx23-070-000/T-xxx23-070-0030	xxx-23-JHQS-070-0001 - 0885

Comments: None.

The Catch Tagging Form (CTF) document was not provided to the observer. The CTF document was requested by the observer from the CV Chief Officer (C/O) however the observer was informed by the CV C/O that the CV has never provided the previous observers with the CTF documentations. CTF was not requested by the observer from the LSPLV master.

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Y	27/07/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	26-Jul-23
2			Y	28/07/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	27-Jul-23
3			Y	30/07/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	29-Jul-23
4			Y	03/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	02-Aug-23
5			Y	04/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	02-Aug-23
6			Y	05/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	04-Aug-23
7			Y	05/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	04-Aug-23
8			Y	08/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	07-Aug-23
9			Y	09/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	08-Aug-23
10			Y	10/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	09-Aug-23
11			Y	11/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	11-Aug-23
12			Y	11/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	10-Aug-23
13			Y	13/08/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	12-Aug-23
14			Y	14/05/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	13-Aug-23
15			Y	15/08/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	14-Aug-23
16			Y	17/08/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	16-Aug-23
17			Y	23/08/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	22-Aug-23
18			Y	24/08/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	23-Aug-23
19			Y	28/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	28-Aug-23
20			Y	28/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	28-Aug-23
21			Y	29/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	29-Aug-23
22			Y	30/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	30-Aug-23

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
23			Y	31/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	30-Aug-23
24			Y	31/08/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	30-Aug-23
25			Y	02/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	01-Sep-23
26			Y	03/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	02-Sep-23
27			Y	08/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	07-Sep-23
28	KINEI MARU No.128	Japan	Y	09/09/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	08-Sep-23
29	KINEI MARU No. 85	Japan	Y	12/09/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	11-Sep-23
30	WAKASHIO MARU No. 118	Japan	Y	13/09/23	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	12-Sep-23

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 LSPLV checks

No	Comments
N/A	

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

The CV separated plastic, glass, and metel waste and stored them in marked containers on the stern during the deployment for recycling on shore. Paper and galley wastes were incinerated in the container on the stern of the CV. MARPOL and waste disposal posters were displayed in the mess. No MARPOL issues were observed during this deployment.

Figure 3 CV Demarcated containers

Figure 4 Incinerator container

9.2 Unidentified or IUU vessels

No IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Common Name	Number Observed	Behaviour
08/09/23	10:38	05°54.196 S	001°00.042 W	*Physeter macrocephalus*	Sperm whale	2	Unknown
13/09/23	08:07	12°00.632 S	008°43.974 W	*Physeter macrocephalus*	Sperm whale	1	Unknown
20/09/23	14:43	33°46.968 S	026°42.753 E	Unknown	Unknown	1	Unknown

Figure 5 Sperm whale - 08/09/2023

Figure 6 Sperm whale - 13/09/2023

Figure 7 Unknown mammal – 20/09/2023

10 Health and Safety on board the CV

No safety drills was carried out during the deployment. The observer was able to work on the deck safely. No health & safety issues were observed during the deployment. Emergency escape posters were displayed in the main corridors and in the messroom.

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

No	Vessel	Callsing	RFMO Number	Date	Lat	Lon	Products trashipped	Comments	Photo
1				02/08/2023 05:59:00	08°00.170 S	000°00.025 E	Goods,Food	None	Y
2				16/08/2023 06:36:00	11°09.347 N	025°54.023 W	Goods	None	Y
3				16/08/2023 09:23:00	11°06.792 N	025°49.005 W	Baits, Goods	2078 Boxes baits	Y
4				22/08/2023 06:18:00	11°13.965 N	024°28.327 W	Baits, Goods	5080 Boxes baits	Y

ICCAT

Observer Report

Trip Number:	**285-23**
Vessel Name:	**Meita Maru**
ICCAT Ref. No.	**AT000PAN00316**
Observer Name:	**Henry John Heyns**
Cruise Dates:	**From: 14/08/2023 to: 23/09/2023**

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Co. Ltd. and the consortium of MRAG and Capricorn Fisheries Monitoring cc, Henry John Heyns (ROP ref no. 041), joined the Panama registered Carrier Vessel (CV) Meita Maru (RFMO no. AT000PAN00316), as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 14/08/2023 to 23/09/2023.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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 City	Flag State:	Panama
Owner:	Panama TRL SA.	Charterer:	Toei Reefer Line Co. Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,495.85 m^3
Size (GRT):	3,802 t	Length (LOA):	106.98 m
Vessel monitoring system (present/absent):		Yes (CLS Triton)	
Tuna products already on board (Quantity)		Yes (1,397.8 t)	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	14/08/2023
Method of embarkation*	Portside
Date of departure	19/08/2023
Date of first transhipment	23/08/2023
Date of last transhipment	30/08/2023
Date of return	23/09/2023
Date of disembarkation	23/09/2023
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore, Singapore

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

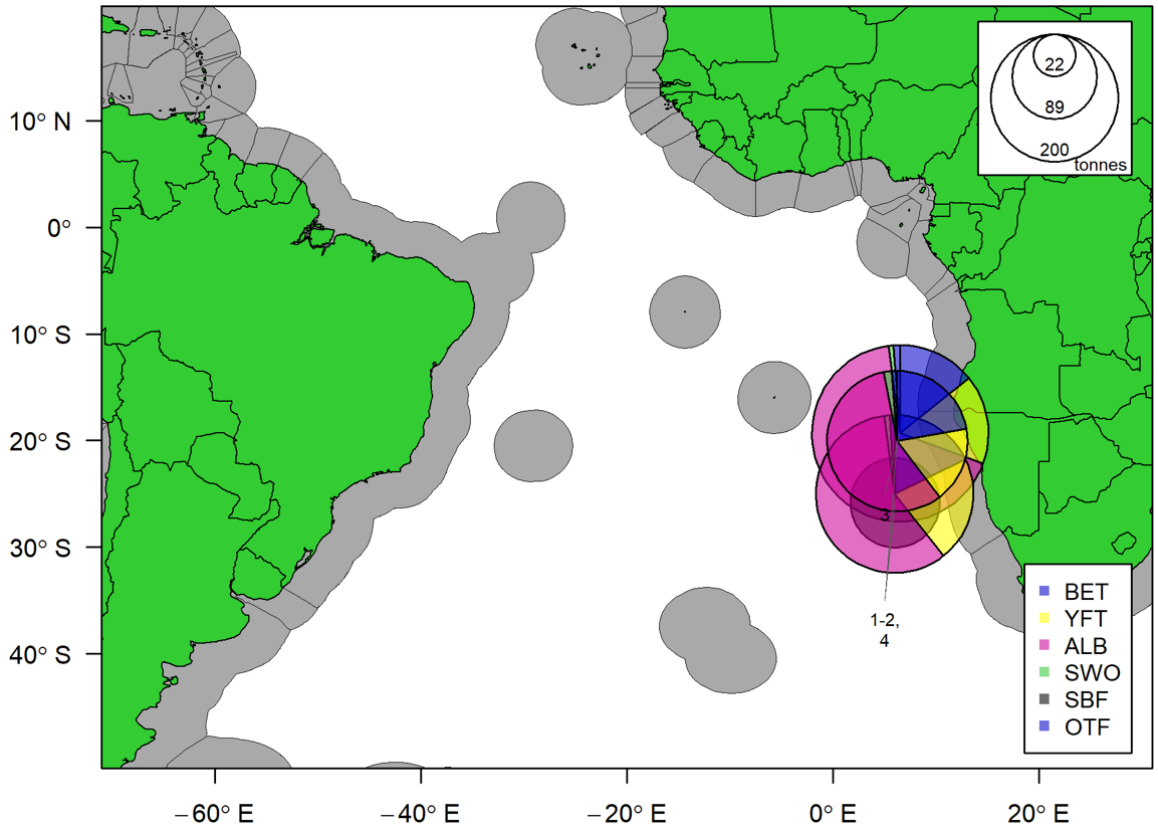

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	4

Comments: The CV also performed two fish transhipments whilst in Table Bay Harbour, Cape Town and one non-ROP transhipment in international waters. Further details of these transhipments are provided in Tables 13 and 14 respectively.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	23/08/23	25°49.216 S	006°00.458 E	07:40	100.00%
2				Yes	25/08/23	24°59.846 S	005°57.995 E	03:35	100.00%
3				Yes	28/08/23	19°18.901 S	006°29.767 E	02:45	100.00%
4				Yes	30/08/23	20°02.569 S	006°12.803 E	14:55	100.00%

Comments: Transhipments number's one and three consisted of volumes in excess of two hundred tonnes and operations were split over two-day periods.

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	36.481	39.212	43.864	45.129	2.116	2.357	172.531	189.265	254.992	275.963	20.97	7.60%
2	0	0	0	0	0	0	68.056	70.801	68.056	70.801	2.75	3.88%
3	38.429	39.144	45.252	47.499	2.521	2.409	138.541	131.145	224.743	220.197	-4.55	-2.06%
4	36.712	38.69	29.087	30.485	2.842	3.217	92.65	102.297	161.291	174.689	13.40	7.67%

Comments: The accurate counting and identification of species for transhipments number's one, three and four were complicated due to very large strings of mixed species being hauled directly out of the LSPLV's hold by the CV's winch and deposited into a cart.

The species included under the column "Other" (observed and declared) included; Southern bluefin tuna *(Thunnus maccoyii)*, swordfish *(Xiphias gladius)*, opah *(Lampris guttatus)*, narrow-barred Spanish mackerel *(Scomberomorus commerson)*, wahoo *(Acanthocybium solandri)*, Atlantic blue marlin *(Makaira nigricans)* and striped marlin *(Tetrapturus audax)*.

6 Species and weight transferred

The carrier vessel contained 1,397.793 tonnes of tuna products by the time the vessel departed from Cape Town port. The total declared weight of all species transferred during the voyage is shown in **Error! Reference source not found.**4 and a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	Percentage	Weight	Percentage
Albacore	*Thunnus alalunga*	All	0.00	0.00%	414.86	55.94%
Albacore	*Thunnus alalunga*	Unk	397.91	56.12%	0.00	0.00%
Atlantic blue marlin	*Makaira nigricans*	All	0.00	0.00%	0.20	0.03%
Atlantic blue marlin	*Makaira nigricans*	Unk	0.20	0.03%	0.00	0.00%
Bigeye tuna	*Thunnus obesus*	All	0.00	0.00%	117.05	15.78%
Bigeye tuna	*Thunnus obesus*	Unk	111.62	15.74%	0.00	0.00%
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	All	0.00	0.00%	1.16	0.16%
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Unk	1.05	0.15%	0.00	0.00%
Opah	*Lampris guttatus*	All	0.00	0.00%	6.04	0.81%
Opah	*Lampris guttatus*	Unk	4.13	0.58%	0.00	0.00%
Southern bluefin tuna	*Thunnus maccoyii*	All	0.00	0.00%	70.80	9.55%
Southern bluefin tuna	*Thunnus maccoyii*	Unk	68.06	9.60%	0.00	0.00%
Striped marlin	*Tetrapturus audax*	All	0.00	0.00%	0.03	0.00%
Striped marlin	*Tetrapturus audax*	Unk	0.03	0.00%	0.00	0.00%
Swordfish	*Xiphias gladius*	All	0.00	0.00%	7.98	1.08%
Swordfish	*Xiphias gladius*	Unk	7.48	1.05%	0.00	0.00%
Wahoo	*Acanthocybium solandri*	All	0.00	0.00%	0.41	0.05%
Wahoo	*Acanthocybium solandri*	Unk	0.39	0.06%	0.00	0.00%
Yellowfin tuna	*Thunnus albacares*	All	0.00	0.00%	123.11	16.60%
Yellowfin tuna	*Thunnus albacares*	Unk	118.20	16.67%	0.00	0.00%

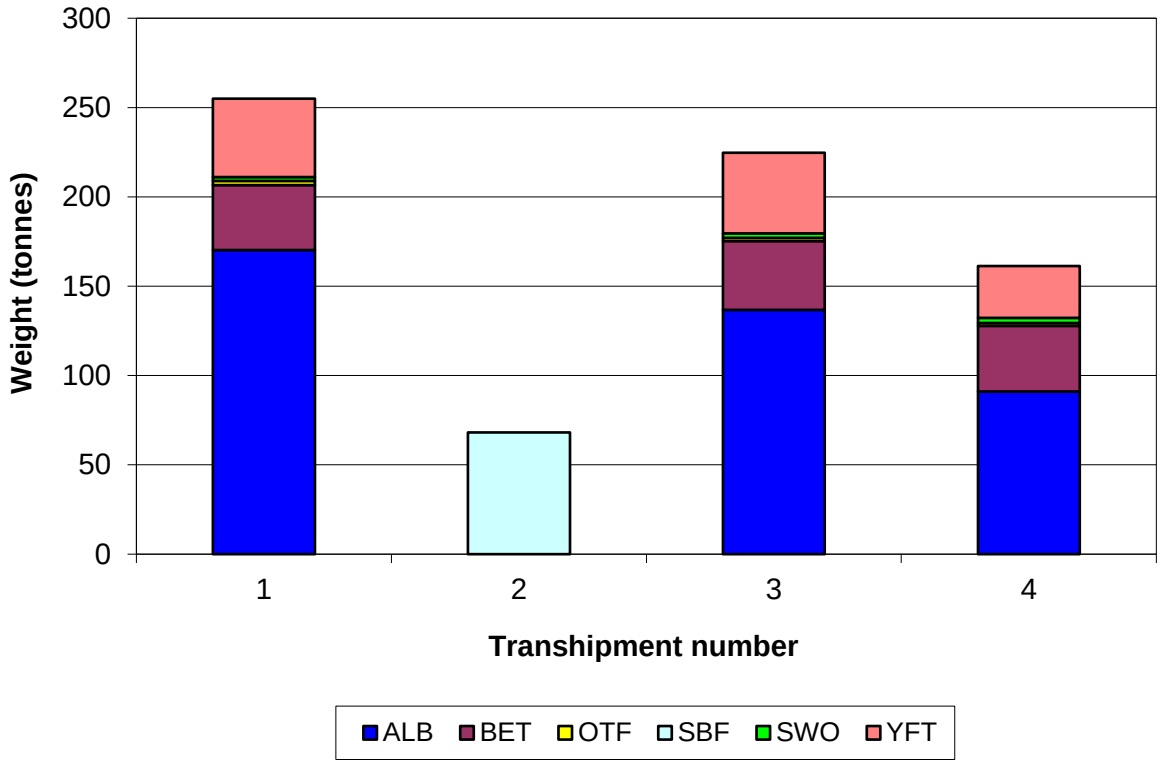

Figure 2 **Proportions, by weight, of fish species transferred by transhipment.**

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	13.06
Atlantic blue marlin	*Makaira nigricans*	40.80
Bigeye tuna	*Thunnus obesus*	19.09
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	13.69
Opah	*Lampris guttatus*	10.39
Southern bluefin tuna	*Thunnus maccoyii*	42.14
Striped marlin	*Tetrapturus audax*	33.00
Swordfish	*Xiphias gladius*	39.78
Wahoo	*Acanthocybium solandri*	12.71
Yellowfin tuna	*Thunnus albacares*	31.98

Table 6 **Product types transhipped by species (Kg)**

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	414862
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	204
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	117046
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Dressed weight	1164
Opah	*Lampris guttatus*	Dressed weight	6037
Southern bluefin tuna	*Thunnus maccoyii*	Gilled & gutted	70801

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Striped marlin	*Tetrapturus audax*	Gilled & gutted	33
Swordfish	*Xiphias gladius*	Dressed weight	3882
Swordfish	*Xiphias gladius*	Fillet	4101
Wahoo	*Acanthocybium solandri*	Dressed weight	407
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	123113

Comments: *Thunnus alalunga* was the most dominant species transhipped, followed by *Thunnus albacares* and *Thunnus obesis* respectively. One transhipment, comprised of *Thunnus maccoyii* only.

The CV did not utilize a hook scale, thus the only weight references available to the observer were information received from the LSPLVs reported records of species transhipped. The species weights and numbers records received from the LSPLVs were generally complete and corresponded fairly closely with the observer's counts as well as visual weight estimates and were thus considered to be a realistic reflection of actual transhipped numbers and weights. The observer utilised this data in order to determine his average weights per species.

7 Southern bluefin tuna transhipments

Table 7 Summary of southern bluefin tuna transhipments

No	Vessel name	ROP No	Flag	Checked	Date	Lat	Long	Hours transhipped	% Observed
02				Yes	25/08/23	24°59.84 S	005°57.99 E	03:35	100

Table 8 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No. Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Catch Tagging Form No.	Tag series number (from – to)
02	09	1680	70.801			001 ~ 1680

Comments: As best as the observer could determine, every fish was marked with a purple plastic tag affixed to the inside of the "throat" as well as a label frozen to the gill operculum, both depicting an identical unique number. The CCSBT Catch Monitoring form was completed for this transhipment.

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
2			Yes	25/08/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	18/08/23
3			Yes	28/08/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	27/08/23
4			Yes	30/08/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	28/08/23
1			Yes	23/08/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	20/08/23

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 LSPLV checks

No	Comments
2	The electronic logbook pages were not numbered, but the daily catches were recorded on consecutive dates.
3	The electronic logbook pages were not numbered, but the daily catches were recorded on consecutive dates.

The observer did not issue any Potential Non-Compliance (PNC) reports.

Table 11 PNC reports made

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

9 Other Observer Tasks.

CV waste disposal

The CV was equipped with demarcated waste containers positioned both inside and outside at various locations on this vessel. Galley food waste was discarded over board on a daily basis. All non-biodegradable waste materials e.g., all types of plastic containers & wrappings, cans, glass containers, paper products etc, were sorted in black plastic bags and stored astern for disposal in port.
The observer did not witness any incineration of waste materials nor did he notice any device designed or adapted for this purpose. During the voyage the observer did not observe any dumping of waste other than bio-degradable kitchen waste.

Figure 3 Galley waste and plastic & paper waste container situated in galley (left) and demarcated waste containers situated on aft deck.

9.1 Unidentified or IUU vessels

The observer did not notice any unidentified vessels, nor were any reported.

9.2 Marine mammals.

The observer did not sight any marine mammals nor were any sightings reported.

Table 12 Marine mammal sightings

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

10 Health and Safety on board the CV

The observer performed a safety inspection beforehand and found all equipment and relevant documentation in date and in good working order. The following safety drills were performed during the observer's stay on board. Life boat, anti-flooding, emergency steering and enclosed spaces drills on the 05/09/2023 and fire and oil spill drills on the 08/09/2023. Smoking was prohibited in the whole accommodation area.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	*X*	

Appendices

Table 13 non-ROP fish transhipments performed in Cape Town port.

Vessel	RFMO Number	Date	SBF	BUK	Comments
		16/08/23	113.949	12.304	Supplies + 126.253 t fish + 5,900 boxes bait
		17/08/23	111.983	14.434	Supplies + 126.417 t fish + 2,500 boxes bait

Table 14 Non-ROP transhipments performed on the High seas.

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/08/23	18°46.99 S	006°27.10 E	Supplies + 150 kl fuel.	Yes

ICCAT

Observer Report

Trip Number:	**283/23**
Vessel Name:	**GENTA MARU**
ICCAT Ref. No.	**AT000PAN00246**
Observer Name:	**Rauf Berkay Eryericer**
Cruise Dates:	**From: 13/09/2023 To: 11/10/2023**

1 Cruise Summary

In accordance with the bilateral agreement between TOEI REEFER LINE, LTD. and consortium of MRAG and Capricorn Fisheries Monitoring cc, Rauf Berkay Eryericer (ROP no. 181) joined the Panama registered Carrier Vessel (CV) GENTA MARU (AT000PAN00246) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 13/09/2023 to 11/10/2023.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	GENTA MARU	Call sign:	H3EQ
Port of registration:	PANAMA	Flag State:	PANAMA
Owner:	PANAMA TRL S.A	Charterer:	TOEI REEFER LINE, LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,654 m^3
Size (GRT):	3,989 t	Length (LOA):	99.06 m
Vessel monitoring system (present/absent):		ARGOS (CLS) LEO	
Tuna products already on board (Quantity)		None	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	13/09/2023
Method of embarkation*	Portside
Date of departure	14/09/2023
Date of first transhipment	21/09/2023
Date of last transhipment	30/09/2023
Date of return	10/10/2023
Date of disembarkation	11/10/2023
Method of disembarkation*	Portside
Port of return	Port Valletta, Malta

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

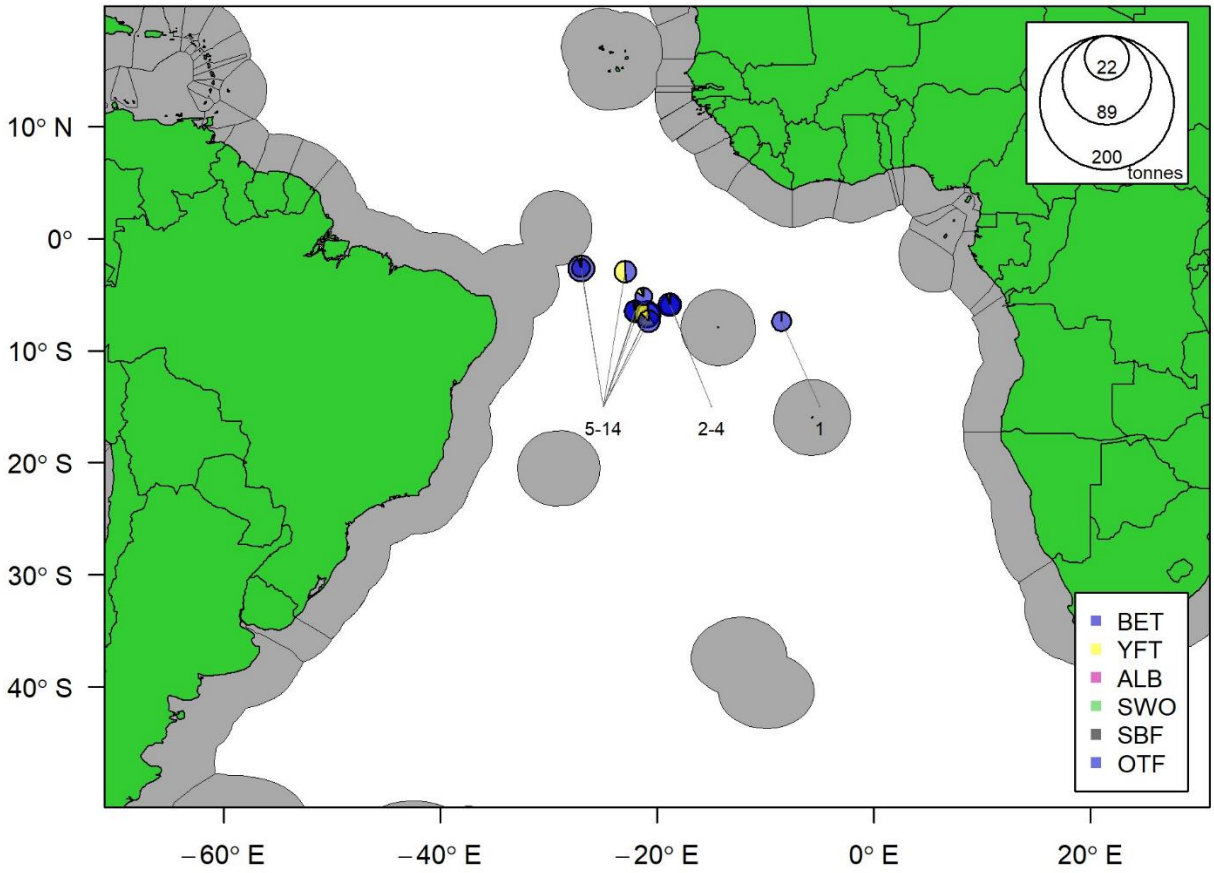

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	2
xxx	12

Comments: No non-ROP transhipment were carried out during this deployment.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	21/09/2023	07°23.421 S	008°31.676 W	01:32	100
2				Yes	23/09/2023	05°58.802 S	018°46.124 W	01:26	100
3				Yes	23/09/2023	05°56.063 S	018°48.236 W	01:11	100
4				Yes	23/09/2023	05°53.507 S	018°50.186 W	01:56	100
5				Yes	24/09/2023	06°29.028 S	022°00.301 W	01:14	100
6				Yes	24/09/2023	06°28.100 S	022°01.919 W	01:44	100
7				Yes	24/09/2023	06°27.142 S	022°04.137 W	01:37	100
8				Yes	25/09/2023	06°44.784 S	020°51.311 W	01:40	100
9				Yes	25/09/2023	06°44.787 S	020°54.177 W	01:41	100
10				Yes	26/09/2023	05°09.327 S	021°14.959 W	01:31	100
11				Yes	27/09/2023	02°40.233 S	026°59.632 W	02:18	100
12				Yes	27/09/2023	02°37.007 S	027°01.859 W	01:00	100
13				Yes	28/09/2023	02°57.054 S	022°56.098 W	01:18	100
14				Yes	30/09/2023	07°21.928 S	020°46.017 W	01:24	100

Comments: The observer boarded all LSPLVs for inspection and all transhipments were fully observed.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	19,946	20,629	79	79	0	0	0	0	20,025	20,708	0.68	3.30
2	21,320	20,917	1,108	1,108	0	0	0	0	22,428	22,025	-0.40	-1.83
3	21,213	20,701	706	662	0	0	0	0	21,919	21,363	-0.56	-2.60
4	25,274	27,516	1,715	1,576	0	0	0	0	26,989	29,092	2.10	7.23
5	24,637	26,125	321	321	0	0	0	0	24,958	26,446	1.49	5.63
6	24,292	24,636	526	570	0	0	0	0	24,818	25,206	0.39	1.54
7	20,179	22,174	1,047	819	0	0	0	0	21,226	22,993	1.77	7.68
8	18,347	19,097	9,199	9,054	0	0	0	0	27,546	28,151	0.61	2.15
9	16,373	15,375	21,088	23,121	0	0	0	0	37,461	38,496	1.04	2.69
10	13,744	14,186	1,681	1,681	1,082	1,082	0	0	16,507	16,949	0.44	2.61
11	35,483	35,907	2,640	2,469	0	0	0	0	38,123	38,376	0.25	0.66
12	17,021	17,821	812	777	0	0	0	0	17,833	18,598	0.77	4.11
13	11,657	12,800	13,485	13,620	0	0	0	0	25,142	26,420	1.28	4.84
14	23,753	23,371	3,605	3,290	0	0	0	0	27,358	26,661	-0.70	-2.61

Comments: No differences greater than 10% were observed between the observed and declared figures. The strings were clearly visible and Yellowfin and bigeye products were marked with different colors which made estimating the numbers of both species easier.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Bigeye tuna	*Thunnus obesus*	All	293,239	83.23	301,255	83.34
Swordfish	*Xiphias gladius*	N	597	0.17	597	0.17
Swordfish	*Xiphias gladius*	S	485	0.14	485	0.13
Yellowfin tuna	*Thunnus albacares*	All	58,012	16.47	59,147	16.36

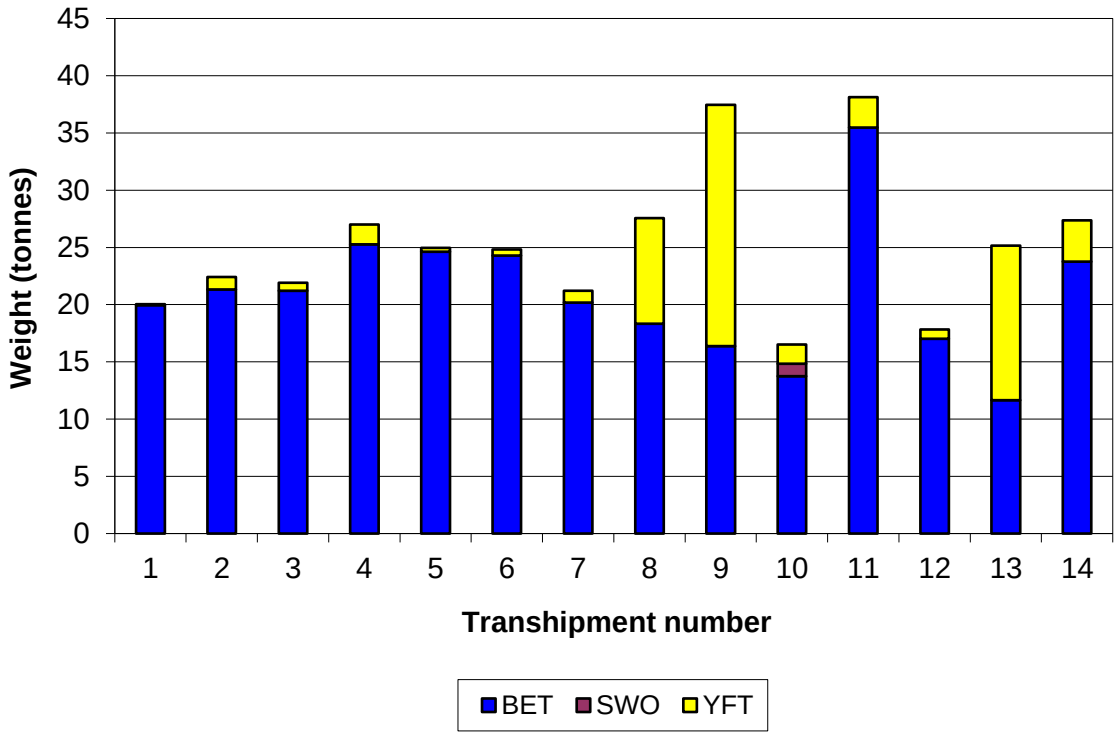

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Bigeye tuna	*Thunnus obesus*	48.37
Swordfish	*Xiphias gladius*	49.18
Yellowfin tuna	*Thunnus albacares*	52.08

Comments: The CV did not make use of a hook scale. The observed weights were derived from the average weights from the LSPLVs declarations.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	301,255
Swordfish	*Xiphias gladius*	Dressed weight	1,082
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	59,147

Comments: All of the bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*) were transhipped as gilled&gutted (GG) product type. All swordfish (*Xiphias gladius*) was transhipped as dressed (DR) product type.

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:

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Y	21/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	20/09/2023
2			Y	23/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	23/09/2023
3			Y	23/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	23/09/2023
4			Y	23/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	23/09/2023
5			Y	24/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	24/09/2023
6			Y	24/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	24/09/2023
7			Y	24/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	24/09/2023
8			Y	25/09/23	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	24/09/2023
9			Y	25/09/23	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	25/09/2023
10			Y	26/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	25/09/2023
11			Y	27/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	26/09/2023
12			Y	27/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	26/09/2023
13			Y	28/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	28/09/2023
14			Y	30/09/23	Y	Y	Y	Y	Y	31/12/23	Y	Y	Y	Y	Y	PB	29/09/2023

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 LSPLV checks

No	Comments
N/A	

The observer made 0 Potential Non Compliance (PNC) reports summarised below in Table 11.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A						

No issues were observed to report as potential non-compliance.

9 Other Observer Tasks.

9.1 CV waste disposal

During this deployment CV appeared to be conscious about disposal of waste. Crew separated the recyclables as glass bottles, plastics, cans and papers and put it in the demarcated containers that kept on the stern of the vessel. Wastes kept in containers and on board to be discarded on arrival to the port.

Figure 3 Damarcated containers

9.2 Unidentified or IUU vessels

No vessels were observed in breach of ICCAT ROP management measures.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

The observer performed a safety inspection whilst in Cape Town harbour and found all equipment and relevant documentation in date and in good working order. During transhipments the observer was able to work on deck safely and the crew was very helpful toward the observer. No safety drills were conducted by the CV during this deployment.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	X	

Table 13 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
N/A						

ICCAT

Observer Report

Trip Number:	**287-23**
Vessel Name:	**Chitose**
ICCAT Ref. No.	**AT000SGP00001**
Observer Name:	**Martin Phillippe Emanuel**
Cruise Dates:	**From: 29/11/2023 To: 03/03/2024**

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG and Capricorn Fisheries Monitoring cc, Martin Phillippe Emanuel (ROP No. 194) joined the Singapore registered Carrier Vessel (CV) Chitose (AT000SGP00001)*)* as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 29/11/2023 to 03/03/2024.

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

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

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

2 Carrier Vessel details

Vessel name:	Chitose	Call sign:	9V6110
Port of registration:	Singapore	Flag State:	Singapore
Owner:	Wang Tat Corporation Pty Ltd	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2,930 t
Size (GRT):	6.534	Length (LOA):	134.15 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		Nil	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape town south Africa
Date of embarkation	29/11/2023
Method of embarkation*	Portside
Date of departure	30/11/2023
Date of first transhipment	05/12/2023
Date of last transhipment	27/01/2023
Date of return	03/03/2023
Date of disembarkation	03/03/2023
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

*(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 17 transhipments at sea, the locations are shown in detail in

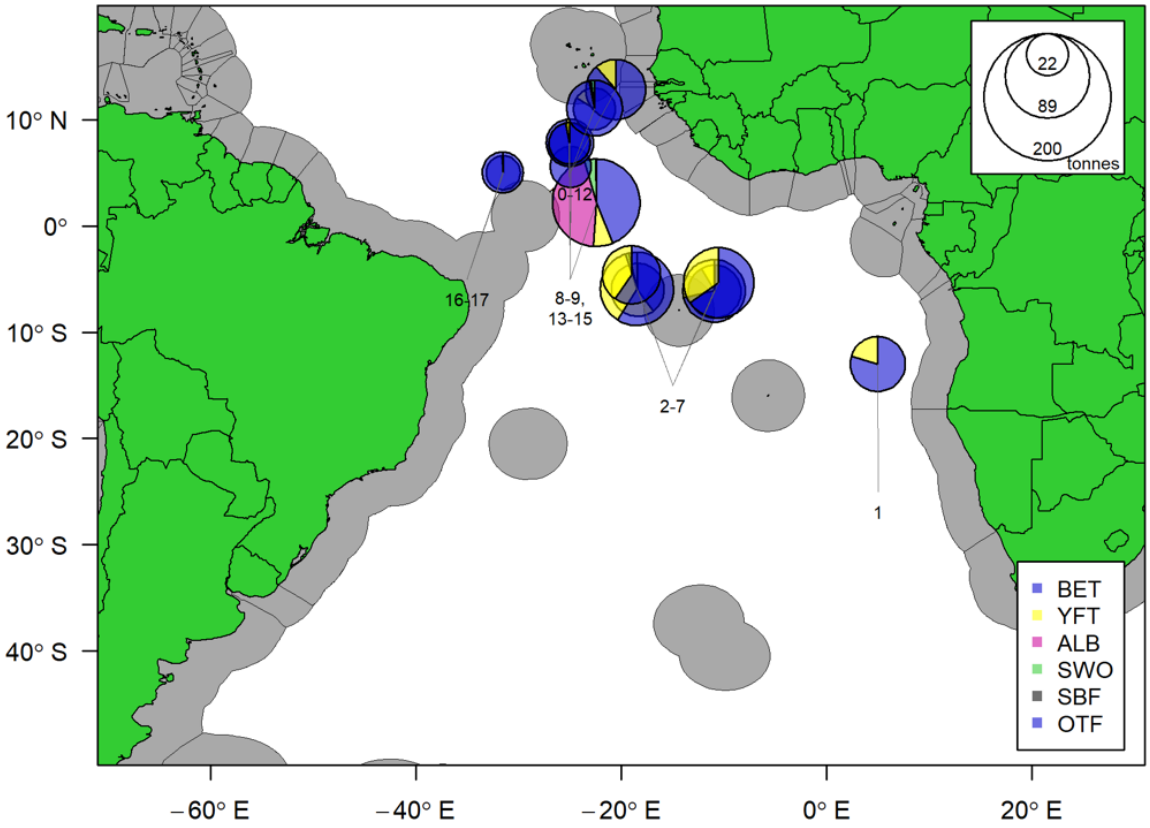

Figure 1, the numbers received by nationality of vessel are given in Table 1.

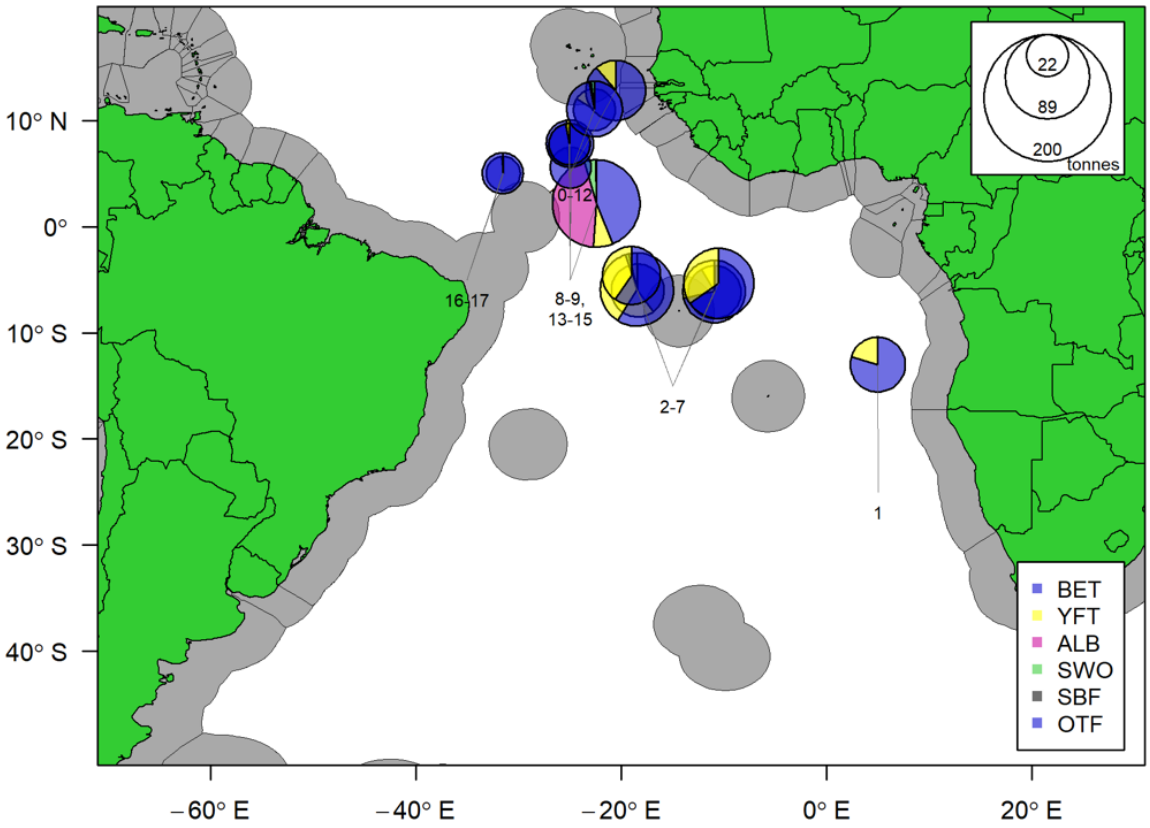

Figure 1 **Location of transhipments.**

Table 1 **Transhipments made by nationality**

Nationality	Transhipments made
xxx	6
xxx	4
xxx	7

Comments: In addition to the transhipments reflected in Table 1, the carrier vessel also conducted 51 non-ROP transhipments, 21 of which were fish transhipments in-port in Mindelo, Sao Vicente (see appendix: Table 13;14 and 15).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	05/12/23	12°58.786 S	004°57.965 E	08:05	100.00%
2				Yes	09/12/23	06°10.029 S	010°55.296 W	01:45	100.00%
3				Yes	09/12/23	06°06.067 S	010°58.813 W	01:45	100.00%
4				Yes	10/12/23	05°20.44 S	010°30.863 W	01:32	100.00%
5				Yes	14/12/23	06°00.391 S	018°24.681 W	01:13	100.00%
6				Yes	14/12/23	05°54.651 S	018°29.275 W	01:00	100.00%
7				Yes	17/12/23	04°35.388 S	019°01.368 W	01:30	100.00%
8				Yes	20/12/23	02°11.22 N	022°27.047 W	01:20	100.00%
9				Yes	21/12/23	05°33.117 N	024°56.084 W	03:33	100.00%
10				Yes	20/01/24	12°49.977 N	020°32.554 W	02:00	100.00%
11				Yes	22/01/24	11°04.993 N	022°36.537 W	02:48	100.00%
12				Yes	22/01/24	11°00.597 N	022°37.374 W	04:13	100.00%
13				Yes	24/01/24	07°47.053 N	025°02.067 W	03:41	100.00%
14				Yes	24/01/24	07°43.659 N	025°05.681 W	02:55	100.00%
15				Yes	25/01/24	07°49.528 N	025°00.434 W	06:10	100.00%
16				Yes	27/01/24	05°00.801 N	031°30.091 W	03:24	100.00%
17				Yes	27/01/24	05°02.229 N	031°32.807 W	03:38	100.00%

Comments:

All transhipments were observed to completion (Table 2). The longest duration for a transhipment was 08:05 whereas the shortest duration was 01:00. The observer was permitted to board all the LSPLVs to carry out inspections.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
1	59.95	60.092	9.948	10.01	5.718	5.637	61.707	61.545	137.323	137.284	-0.04	-0.03%
2	30.181	29.25	0.75	0.75	0	0	0	0	30.931	30	-0.93	-3.10%
3	29.802	29.25	0.861	0.75	0	0	0	0	30.663	30	-0.66	-2.21%
4	35.521	39.155	1.8	0.945	0	0	0	0	37.321	40.1	2.78	6.93%
5	29.513	29.513	0.994	0.994	0	0	0	0	30.507	30.507	0.00	0.00%
6	20.968	20.392	0.264	0.264	0	0	0	0	21.232	20.656	-0.58	-2.79%
7	30.542	30	0	0	0	0	0	0	30.542	30	-0.54	-1.81%
8	26.259	26.259	5.053	5.053	0	0	0	0	31.312	31.312	0.00	0.00%
9	57.407	57.407	7.342	7.342	0	0	0	0	64.749	64.749	0.00	0.00%
10	53.616	53.616	0.465	0.465	1.149	1.149	0.209	0.209	55.439	55.439	0.00	0.00%
11	46.535	45.834	4.166	4.166	0	0	0	0	50.701	50	-0.70	-1.40%
12	50.526	50	20.093	20	0	0	0	0	70.619	70	-0.62	-0.88%
13	58.112	58	30.892	30.5	0	0	0.24	0.24	89.244	88.74	-0.50	-0.57%
14	19.758	20	31.16	30	0	0	0	0	50.918	50	-0.92	-1.84%
15	56.766	56.573	34.807	34.722	1.324	1.324	3.492	3.492	96.389	96.111	-0.28	-0.29%
16	41.315	36.087	28.169	24.474	0	0	0	0	69.484	60.561	-8.92	-14.73%
17	42.847	42.848	11.152	11.152	0	0	0	0	53.999	54	0.00	0.00%

Comments:

All LSPLVs provided the weights and number of units of each species transhipped. In most instances, the estimated amounts compared closely to the declared weights (Table 3). However, the difference between the declared- and the estimated amounts of transhipment 16 exceeded 10%. The observer counted 587 and 972 fish for yellowfin tuna *(Thunnus albacares)* and big eye tuna *(Thunnus obesus)* respectively, while the LSPLV reported 510 and 849 fish for these species. The master of the CV was in agreement with the observer estimate and actually restricted the amount received from transhipment no 17 by 9 t to align the actual received amounts to the amount of space booked by the company who owned these LSTLVs.

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 **Error! Reference s ource not found.**, a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	All	61,71	6,49%	0,00	0,00%
Albacore	*Thunnus alalunga*	N	0,21	0,02%	0,51	0,05%
Albacore	*Thunnus alalunga*	S	0,00	0,00%	61,25	6,52%
Atlantic blue marlin	*Makaira nigricans*	All	3,73	0,39%	3,73	0,40%
Bigeye tuna	*Thunnus obesus*	All	689,57	72,49%	684,28	72,84%
Swordfish	*Xiphias gladius*	All	7,04	0,74%	0,00	0,00%
Swordfish	*Xiphias gladius*	N	1,15	0,12%	2,47	0,26%
Swordfish	*Xiphias gladius*	S	0,00	0,00%	5,64	0,60%
Yellowfin tuna	*Thunnus albacares*	All	187,92	19,75%	181,59	19,33%

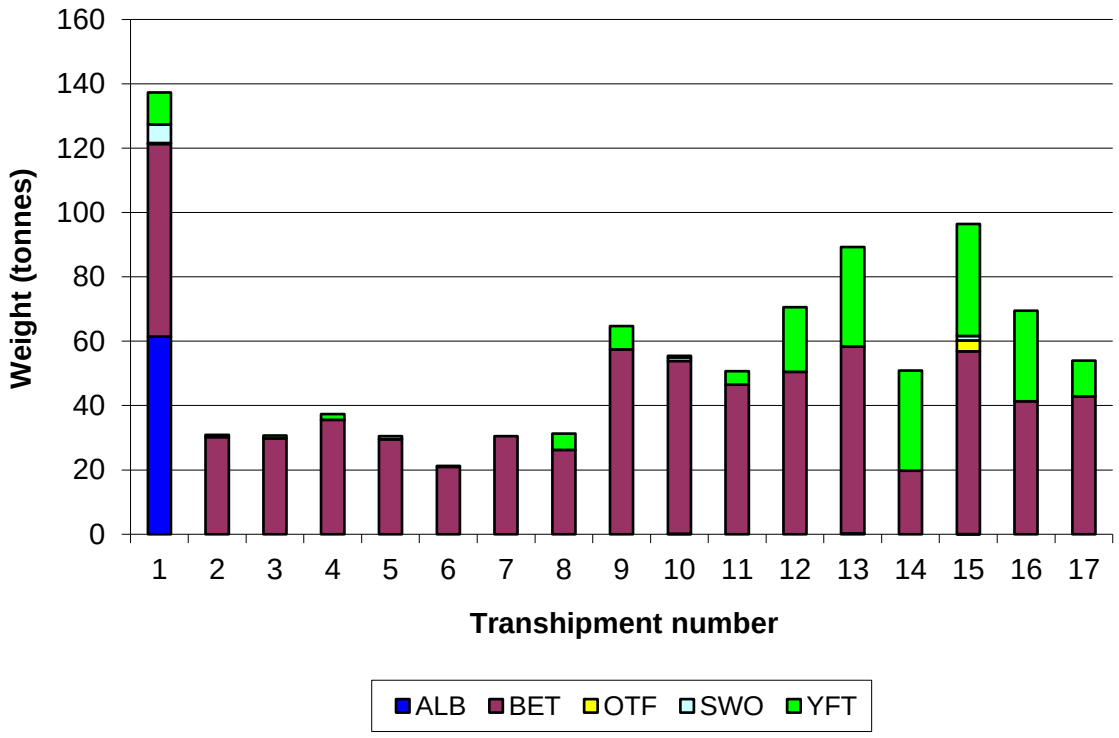

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	13.53
Atlantic blue marlin	*Makaira nigricans*	88.74
Bigeye tuna	*Thunnus obesus*	48.74
Swordfish	*Xiphias gladius*	42.01
Yellowfin tuna	*Thunnus albacares*	42.27

Comments:
Of the five species transhipped during cruise, two species contributed 92.17% of the weight transhipped. These were bigeye tuna (*Thunnus obesus*) which contributed 72.84% or 684.28t and yellowfin tuna (*Thunnus albacares*) which contributed 19.33% or 181.59t (Table 4, Figure 2). The average weights of the two species were 48.74kg and 42.27kg respectively (Table 5).

The carrier vessel was equipped with a digital scale hook scale, which the CV used of for most of the transhipments from xxx - and xxx flagged vessels. Weighted averages were used for transhipments from Japanese flagged vessels.
The observer calculated the average weight for each respective species from the weight a number provided for each species.
The total declared weight of tuna and tuna-like species for at-sea transhipments was 939.459t.

A further 2814.784t of fish was received from 21 Japan flagged LSTLVs in-port at Mindelo, Sao Vicente (Table 13; 14;15). The total declared weight for all ICCAT transhipments was therefore 3754.243t.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Other	240
Albacore	*Thunnus alalunga*	Rounded Weight	61519
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	3727
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	683576
Bigeye tuna	*Thunnus obesus*	Other	700
Swordfish	*Xiphias gladius*	Dressed weight	2561
Swordfish	*Xiphias gladius*	Fillet	5549
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	181587

Comments:
The main product type transhipped were gilled and gutted (GG), which accounted for 868890kg or 92.49% of the transhipped weight. (Table 6).
The product type classified as Other (OT) referred to instances where fish was transhipped as “steaks” in sacks.

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									

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

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 9 Summary of boarding reports from LSPLVs.

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	05/12/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	04/12/23
2			Yes	09/12/23	Yes	Yes	Yes	Yes	Yes	31/12/23	Yes	Y	Yes	Yes	Yes	PB	08/12/23
3			Yes	09/12/23	Yes	Yes	Yes	Yes	Yes	31/12/23	Yes	Y	Yes	Yes	Yes	PB	09/12/23
4			Yes	10/12/23	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	10/12/23
5			Yes	14/12/23	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	13/12/23
6			Yes	14/12/23	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	14/12/23
7			Yes	17/12/23	Yes	Yes	Yes	Yes	Yes	31/12/23	Yes	Y	Yes	Yes	Yes	PB	16/12/23
8			Yes	20/12/23	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	19/12/23
9			Yes	21/12/23	Yes	Yes	Yes	Yes	Yes	31/12/23	Yes	Y	Yes	Yes	Yes	PB	20/12/23
10			Yes	20/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	PB	19/01/24
11			Yes	22/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	21/01/24
12			Yes	22/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	PB	21/01/24
13			Yes	24/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	PB	23/01/24
14			Yes	24/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	23/01/24
15			Yes	25/01/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	PB	24/01/24
16			Yes	27/01/24	Yes	Yes	Yes	Yes	Yes	31/03/28	Yes	Y	Yes	Yes	Yes	PB	26/01/24
17			Yes	27/01/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Y	Yes	Yes	Yes	PB	27/01/24

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 LSPLV checks

No	Comments
N/A	

The observer made no Potential Non-Compliance (PNC) reports summarised below in Table 11.

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

Waste disposal was well managed onboard the CV. Waste was separated by type, in marked containers in the mess room and portside of the CV. An incinerator was also installed in the engine room of the ship. Waste produced on the CV was disposed of in accordance with international maritime standards (see Appendix Figure 3).
Food waste was thrown overboard periodically. This was ground to 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 disposes of other stored waste at the next port of call.

Figure 3 Waste disposal system onboard the CV

9.2 Unidentified or IUU vessels

There were no IUU vessel sightings during the deployment.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
20/01/24	08:00	12°48,3 N	020°33,8W	*Tursiops truncatus*	200	Playing

Date	Time	Lat	Lon	Species	Abundance	Behaviour
27/01/24	11:00	05°01,8 N	031°32,6W	*Tursiops truncatus*	50	Feeding

10 Health and Safety on board the CV

The were no health and safety issues onboard the CV. The observer participated in 8 health and safety drills during the voyage.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	*X*	

Appendices –

Table 13 Non ROP Transhipments at Sea

Vessel Name	IRCS	ROP no	Start	Latitude	Longitude	Baits	Food	Fuel	Goods
			16/12/23 10:33:00	06°01.265 S	020°00.749 W	Yes			
			16/12/23 06:06:00	06°06.395 S	019°56.695 W	Yes			Yes
			21/01/24 07:00:00	09°57.192 N	020°38.806 W			Yes	
			18/12/23 05:54:00	02°07.683 S	019°13.507 W	Yes	Yes		Yes
			18/12/23 08:59:00	02°06.83 S	019°16.423 W	Yes	Yes		Yes
			20/12/23 07:35:00	02°11.655 N	022°29.541 W	Yes	Yes		Yes
			24/01/24 11:27:00	07°41.022 N	025°07.839 W		Yes	Yes	
			23/01/24 06:57:00	11°23.649 N	024°00.805 W	Yes		Yes	
			22/01/24 11:49:00	10°56.098 N	022°38.297 W		Yes	Yes	Yes
			22/01/24 07:30:00	11°01.462 N	022°36.866 W	Yes	Yes	Yes	Yes
			25/01/24 07:05:00	07°47 N	025°03.513 W		Yes		
			17/12/23 07:40:00	04°34.547 S	019°03.624 W	Yes	Yes		Yes
			19/12/23 08:30:00	01°29.99 S	020°12.919 W	Yes	Yes		Yes
			11/12/23 05:49:00	05°09.883 S	010°59.274 W	Yes	Yes		Yes
			10/12/23 07:41:00	05°19.25 S	010°31.56 W	Yes	Yes		Yes
			10/12/23 11:59:00	05°16.325 S	010°33.48 W	Yes	Yes		Yes
			14/12/23 14:35:00	05°53.73 S	018°29.978 W	Yes	Yes		Yes
			09/12/23 06:07:00	06°15.478 S	010°51.451 W	Yes	Yes		Yes
			12/12/23 05:46:00	04°31.557 S	011°00.299 W	Yes	Yes		Yes
			14/12/23 07:18:00	05°59.397 S	018°25.522 W	Yes	Yes		Yes
			05/12/23 15:20:00	12°53.297 S	004°56.162 E		Yes	Yes	
			19/12/23 06:15:00	01°30.968 S	020°10.486 W	Yes	Yes		Yes
			09/12/23 19:43:00	06°04.738 S	010°59.699 W	Yes	Yes		Yes
			20/01/24 06:30:00	12°48.324 N	020°33.825 W		Yes		Yes
			16/12/23 07:44:00	06°04.549 S	019°57.98 W	Yes	Yes		Yes
			15/12/23 06:18:00	05°31.347 S	018°59.322 W	Yes	Yes		Yes

Vessel Name	IRCS	ROP no	Start	Latitude	Longitude	Baits	Food	Fuel	Goods
			21/12/23 10:18:00	05°32.141 N	024°59.359 W	Yes	Yes		Yes
			09/12/23 14:40:00	06°08.265 S	010°56.934 W	Yes	Yes		Yes

Table 14 Non-ROP Transhipments in Port

Vessel Name	IRCS	ROP no	Start	Latitude	Longitude	Baits	Food	Fuel	Goods
			29/12/23 09:08:00	16°53.041 N	025°00.825 W	Yes	Yes	Yes	
			13/01/24 09:15:00	16°53.547 N	025°00.331 W	Yes	Yes	Yes	Yes
			03/01/24 07:30:00	16°53.033 N	025°00.824 W	Yes	Yes	Yes	
			31/12/23 05:55:00	16°53.026 N	025°00.806 W	Yes	Yes	Yes	
			16/01/24 05:45:00	16°53.658 N	025°00.302 W	Yes	Yes	Yes	
			01/01/24 07:00:00	16°53.019 N	025°00.792 W		Yes	Yes	
			17/01/24 05:45:00	16°53.503 N	025°00.443 W			Yes	
			28/12/23 08:19:00	16°53.047 N	025°00.825 W	Yes	Yes	Yes	
			09/01/24 04:50:00	16°53.052 N	025°00.846 W	Yes	Yes	Yes	
			14/01/24 05:40:00	16°53.483 N	025°00.331 W		Yes	Yes	
			15/01/24 05:50:00	16°53.564 N	025°00.274 W		Yes	Yes	
			11/01/24 07:00:00	16°53.041 N	025°00.823 W		Yes	Yes	
			12/01/24 05:55:00	16°53.029 N	025°00.817 W		Yes	Yes	
			07/01/24 06:15:00	16°53.046 N	025°00.837 W	Yes	Yes	Yes	
			08/01/24 05:50:00	16°53.04 N	025°00.835 W	Yes	Yes	Yes	
			06/01/24 06:10:00	16°53.029 N	025°00.818 W	Yes	Yes	Yes	
			05/01/24 06:10:00	16°53.04 N	025°00.833 W	Yes	Yes	Yes	
			30/12/23 08:52:00	16°53.045 N	025°00.738 W			Yes	
			30/12/23 16:18:00	16°53.055 N	025°00.843 W		Yes	Yes	
			24/12/23 05:59:00	16°53.073 N	025°00.803 W	Yes			

Table 15 Non-ROP Fish Transhipments In Port Mindelo, Sao Vicente

No	Vessel Name	Callsign	ROP No	Date	ALB	BET	YFT	BFT	BUM	SWO	OTF	TOTAL
23				27/12/23	0.356	31.081	1.938	0	0	2.279	0	35.654

No	Vessel Name	Callsign	ROP No	Date	ALB	BET	YFT	BFT	BUM	SWO	OTF	TOTAL
24				28/12/23	15.03	103.718	52.615	0	4.334	3.57	0.83	180.097
25				29/12/23	0.079	80.564	10.597	67.726	0	1.506	0	160.472
26				30/12/23	1.526	103.555	18.467	0	0.618	10.827	0.121	135.114
28				31/12/23	0.619	128.154	1.824	46.313	3.127	4.085	0	184.122
29				1/1/24	0.365	55.614	12.947	59.507	2.458	1.515	0	132.406
30				3/1/24	0.022	19.227	6.8	77.822	0.848	31.324	0.112	136.155
31				5/1/24	1.731	110.353	9.251	67.839	3.137	5.292	0	197.603
32				6/1/24	0.396	75.448	6.593	67.07	1.872	2.546	0.193	154.118
33				7/1/24	2.142	40.715	3.272	67.653	0.951	0.853	0	115.586
34				8/1/24	0.403	61.235	1.549	67.867	1.256	1.253	0	133.563
35				9/1/24	2.867	74.806	1.494	67.837	0.662	3.04	0.085	150.791
36				11/1/24	0.212	35.741	12.742	90.423	0.735	0.817	0	140.67
37				12/1/24	0.24	39.611	16.536	90.437	1.899	0.736	0	149.459
38				13/1/24	0.536	66.445	1.835	0	3.314	1.936	0.025	74.091
39				14/1/24	0.236	25.079	44.538	88.945	2.999	2.991	0	164.788
40				15/1/24	0.502	30.208	36.783	115.607	1.616	0.732	0	185.448
41				16/1/24		56.905	4.111	54.893	0	16.596	0	132.505
42				17/1/24	0.394	54.765	21.873	67.839	5.334	1.446	0.491	152.142
43				18/1/24		33.92	26.08	0	0	0	0	60
44				18/1/24		18.84	21.16	0	0	0	0	40

ICCAT

Observer Report

Trip Number:	**288/23**
Vessel Name:	**Yachiyo**
ICCAT Ref. No.	**AT000PAN00240**
Observer Name:	**Eva Maria Vidal Cejuela**
Cruise Dates:	**From: 10/12/23 To: 11/02/2024**

1 Cruise Summary

In accordance with the bilateral agreement between Star Navigation CO.,LTD. and consortium of MRAG and Capricorn Fisheries Monitoring cc, Eva Maria Vidal Cejuela (ROP no.167) joined the Panama registered Carrier Vessel (CV) Yachiyo (AT000PAN00240) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/12/2023 to 11/02/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	Yachiyo	Call sign:	3FXL7
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation CO.,LTD.	Charterer:	M.R.S. Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8,027.20 m^3
Size (GT):	6,607	Length (LOA):	134.16 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		2,390.650 Tons	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Valletta, Malta
Date of embarkation	10/12/2023
Method of embarkation*	Portside
Date of departure	11/12/2023
Date of first transhipment	28/12/2023
Date of last transhipment	13/01/2024
Date of return	13/02/2024
Date of disembarkation	11/02/2024
Method of disembarkation*	At port (by launch)
Port of return	Singapore

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

The observer crossed into IOTC waters on 22nd January 2024.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 21 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

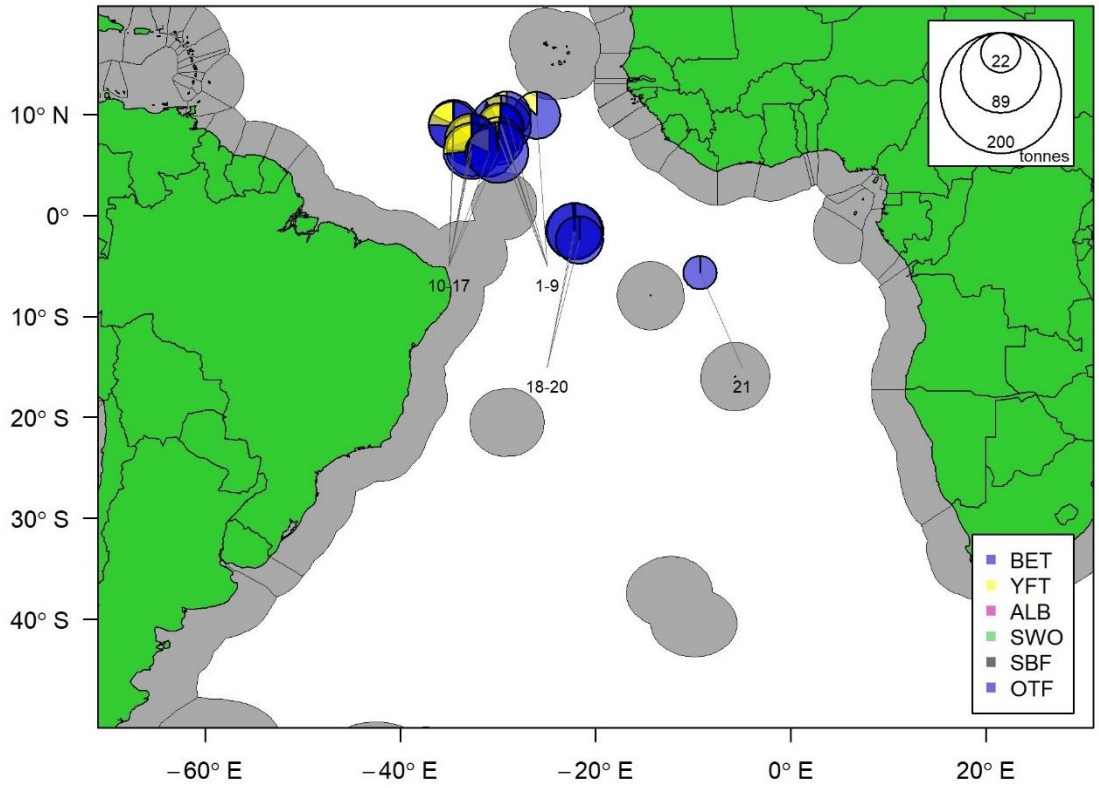

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX.	11
XXX	10
Total	21

Comments: Three non-ROP transhipments were performed during the deployment (Table 13 & 14).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	28/12/2023	09°55.052 N	026°02.212 W	04:39	100
2				Yes	29/12/2023	09°56.67 N	029°05.042 W	05:09	100
3				Yes	31/12/2023	09°00.367 N	029°40.177 W	05:15	100
4				Yes	30/12/2023	08°56.224 N	029°40.74 W	07:38	100
5				Yes	31/12/2023	08°54.8 N	029°44.219 W	05:09	100
6				Yes	31/12/2023	08°47.764 N	029°45.922 W	05:24	100
7				Yes	01/01/2024	07°27.426 N	029°49.871 W	01:41	100
8				Yes	01/01/2024	07°26.154 N	029°51.008 W	02:50	100
9				Yes	01/01/2024	07°23.828 N	029°53.133 W	02:40	100
10				Yes	03/01/2024	08°57.533 N	034°30.769 W	06:17	100
11				Yes	03/01/2024	08°53.246 N	034°37.074 W	05:50	100
12				Yes	04/01/2024	07°30.842 N	032°41.084 W	08:49	100
13				Yes	04/01/2024	07°29.933 N	032°45.406 W	06:00	100
14				Yes	05/01/2024	06°26.208 N	032°38.825 W	05:48	100
15				Yes	05/01/2024	06°23.722 N	032°43.32 W	07:00	100
16				Yes	06/01/2024	06°13.831 N	030°53.287 W	05:50	100
17				Yes	06/01/2024	06°13.349 N	030°00.101 W	04:17	100
18				Yes	09/01/2024	01°33.383 S	022°06.121 W	05:01	100
19				Yes	09/01/2024	01°32.68 S	022°13.809 W	03:38	100
20				Yes	10/01/2024	02°25.971 S	021°40.437 W	04:03	100
21				Yes	13/01/2024	05°39.64 S	009°19.184 W	07:00	100

Comments:

Conditions permitted checks to be carried out on all LSPLVs; all transhipments were monitored for their entire duration.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
1	53,171	52,544	7,596	7,523	0	0	0	0	60,767	60,067	-0.70	-1.17%
2	57,663	56,270	3,812	3,730	0	0	0	0	61,475	60,000	-1.47	-2.46%
3	48,455	48,200	1,810	1,800	0	0	0	0	50,265	50,000	-0.27	-0.53%
4	86,395	86,704	8,440	8,437	0	0	0	0	94,835	95,141	0.31	0.32%
5	28,542	28,581	17,053	17,058	0	0	0	0	45,595	45,639	0.04	0.10%
6	46,555	46,144	13,985	13,863	0	0	0	0	60,540	60,007	-0.53	-0.89%
7	32,804	30,000	0	0	0	0	0	0	32,804	30,000	-2.80	-9.35%
8	40,450	40,450	0	0	0	0	0	0	40,450	40,450	0.00	0.00%
9	56,313	55,484	6,677	6,552	0	0	0	0	62,990	62,036	-0.95	-1.54%
10	55,843	56,150	12,092	12,196	0	0	0	0	67,935	68,346	0.41	0.60%
11	48,004	47,730	15,746	15,643	0	0	0	0	63,750	63,373	-0.38	-0.59%
12	52,962	52,421	8,973	8,847	0	0	0	0	61,935	61,268	-0.67	-1.09%
13	50,626	51,222	22,486	22,730	0	0	0	0	73,112	73,952	0.84	1.14%
14	55,814	54,498	18,682	18,181	0	0	0	0	74,496	72,679	-1.82	-2.50%
15	64,158	62,333	23,516	22,779	0	0	0	0	87,674	85,112	-2.56	-3.01%
16	52,429	51,357	11,491	11,264	0	0	0	0	63,920	62,621	-1.30	-2.07%
17	100,876	98,550	1,484	1,450	0	0	0	0	102,360	100,000	-2.36	-2.36%
18	30,728	30,177	0	0	0	0	0	0	30,728	30,177	-0.55	-1.83%
19	86,420	84,500	1,495	1,500	0	0	0	0	87,915	86,000	-1.92	-2.23%
20	86,085	85,000	0	0	0	0	0	0	86,085	85,000	-1.08	-1.28%
21	61,335	61,000	0	0	0	0	0	0	61,335	61,000	-0.34	-0.55%

Comments:

There was no transhipment with a difference larger than 10% between the vessel and the observed figures.

6 Species and weight transferred

The vessel contained 2,390.650 tons of tuna product when the observer boarded, one in port transhipment was carried out in Mindelo and 115.348 tons were transferred. The total declared weight of all species transferred during the trip is shown in **Error! Reference s ource not found.**4, a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Bigeye tuna	Thunnus obesus	All	1,195,628	87.21	1,179,315	87.17
Yellowfin tuna	Thunnus albacares	All	175,338	12.79	173,553	12.83

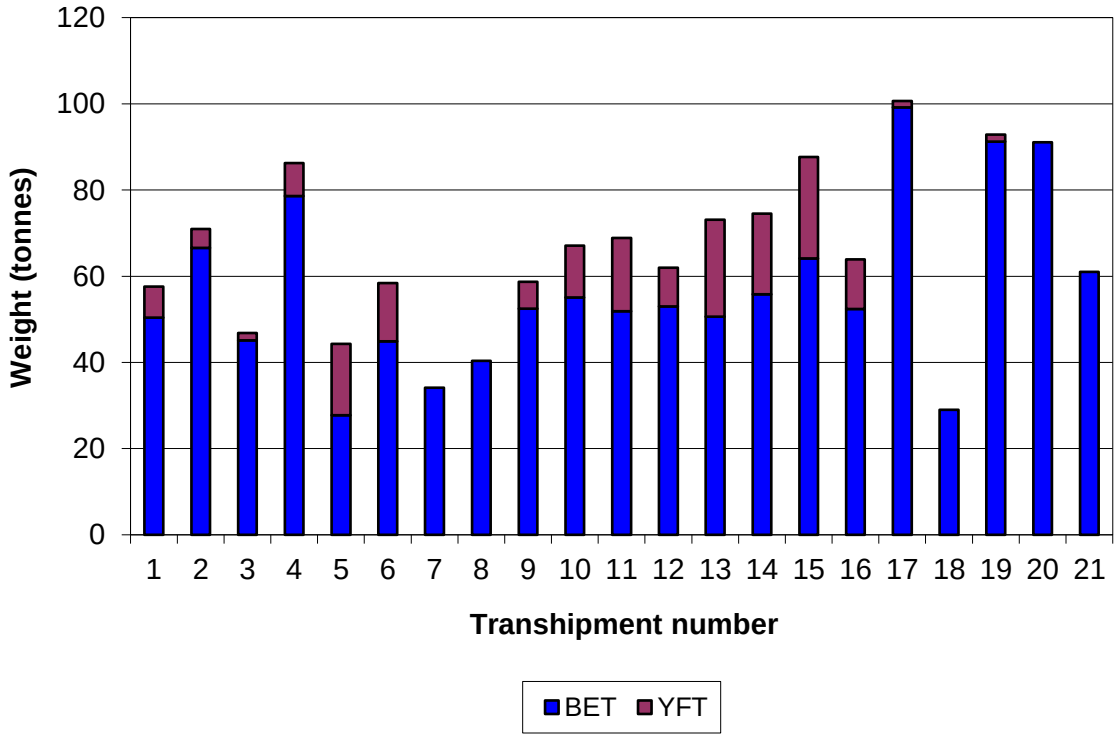

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Bigeye tuna	Thunnus obesus	45.24
Yellowfin tuna	Thunnus albacares	45.51

Comments:

Only Bigeye tuna *(Thunnus obesus)* and yellowfin tuna *(Thunnus albacares*) were transhiped during this deployment. They were processed as gilled and gutted, and frozen on board the LSTLVs prior to transhipment to the CV.

The CV used the hook scale to obtain the total weight of the fish transhiped, except in transhipments 12, 13, 14, 15 and 16.

The observer derived the average weight for each species from the figures provided by the CV hook scale. In transhipments 12, 13, 14, 15 and 16, where the hook scale was not used, the observer derived the average weights from the figures provided in the LSPLV transhipment declarations..

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Bigeye tuna	Thunnus obesus	Gilled & gutted	1,179,315
Yellowfin tuna	Thunnus albacares	Gilled & gutted	173,553

Comments: None

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									

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: No southern bluefin tuna was transhipped during this deployment.

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	28/12/2023	Yes	Yes	Yes	Yes	Yes	31/03/2026	Yes	Y	Yes	Yes	Yes	PB	27/12/2023
2			Yes	29/12/2023	Yes	Yes	Yes	Yes	Yes	31/12/2023	Yes	Y	Yes	Yes	Yes	PB	29/12/2023
3			Yes	30/12/2023	Yes	Yes	Yes	Yes	Yes	31/12/2023	Yes	Y	Yes	Yes	Yes	PB	29/12/2023
4			Yes	30/12/2023	Yes	Yes	Yes	Yes	Yes	31/12/2023	Yes	Y	Yes	Yes	Yes	PB	30/12/2023
5			Yes	31/12/2023	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	31/12/2023
6			Yes	31/12/2023	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	31/12/2023
7			Yes	01/01/2024	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	31/12/2023
8			Yes	01/01/2024	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	31/12/2024
9			Yes	01/01/2024	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	31/12/2023
10			Yes	03/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	02/01/2024
11			Yes	03/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2026	Yes	Y	Yes	Yes	Yes	PB	02/01/2024
12			Yes	04/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	03/01/2024
13			Yes	04/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	03/01/2024
14			Yes	05/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	04/01/2024
15			Yes	05/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	04/01/2024
16			Yes	06/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2025	Yes	Y	Yes	Yes	Yes	PB	05/01/2024
17			Yes	06/01/2024	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	05/01/2024
18			Yes	09/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2026	Yes	Y	Yes	Yes	Yes	PB	08/01/2024
19			Yes	09/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2026	Yes	Y	Yes	Yes	Yes	PB	08/01/2024
20			Yes	10/01/2024	Yes	Yes	Yes	Yes	Yes	31/03/2026	Yes	Y	Yes	Yes	Yes	PB	09/01/2024
21			Yes	13/01/2024	Yes	Yes	Yes	Yes	Yes	31/12/2024	Yes	Y	Yes	Yes	Yes	PB	12/01/2024

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.

Comments.

Table 10 Comments on LSPLV checks

No	Comments
N/A	

The observer made 0 Potential Non Compliance (PNC) reports summarised below in Table 111.

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 vessel was observed to follow Marpol regulations and have posters throughout the vessel to inform crew. There were separate containers for organic and inorganic waste and also for glass and cans, which were retained for disposal onshore. Organic waste was discharged into the sea, paper and plastic waste was incinerated.

Figure 3 Yachiyo waste storage

Figure 4 Yachiyo waste storage

Figure 5 MARPOL poster

Figure 6 Yachiyo Incinerator

9.2 Unidentified or IUU vessels

No sightings of unidentified or IUU vessels was observed during this deployment.

9.3 Marine mammals.

During the transhipment 6 the vessels were surrounded by 50-80 dolphins from 11:00h to 16:00h, unfortunately they cound not be identified down to the species level due to their distance from the CV.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
31/12/2023	11:00	08°41.706 N	029°49.669 W	Delphinidae	70	Playing

10 Health and Safety on board the CV

No Health and Safety Concerns were noted, however the CV performed no safety drills throughout the deployment.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?	Yes X	No

Appendix

Table 13 Non-ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		28/12/2023	9º57.885 N	26º00.376 W	Baits, food and goods were transhipped from the CV to the FV.
		28/12/2023	9º54.965 N	26º01.972 W	Baits, food and goods were transhipped from the CV to the FV.

Table 14 In port transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		20/12/2023	16º53.045 N	25º00.472 W	Transhipment carried out on Port of San Vicent, Cape Verde. BFT, BET, YFT, SWO, WHM and ALB were transferred from the FV to the CV.

Table 15 Fish Transhipped in port

ID	Species Name	English Name	Area	Product Type	Total Weight (kg)
1	Thunnus thynnus	Northern bluefin tuna	All Atlantic	Gilled & gutted	60,848
1	Thunnus obesus	Bigeye tuna	All Atlantic	Gilled & gutted	30,746
1	Thunnus albacares	Yellowfin tuna	All Atlantic	Gilled & gutted	20,850
1	Xiphias gladius	Swordfish	All Atlantic	Gilled & gutted	304
1	Tetrapturus albidus	Atlantic white marlin	All Atlantic	Gilled & gutted	2,293
1	Thunnus alalunga	Albacore	All Atlantic	Gilled & gutted	307

ICCAT

Observer Report

Trip Number:	**289-24**
Vessel Name:	**Taisei Maru No.24**
ICCAT Ref. No.	**AT000JPN00571**
Observer Name:	**Schalk Visagie (ROP No 018)**
Cruise Dates:	**From: 11/01/2024 To: 30/03/2024**

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha LTD and the consortium of MRAG and Capricorn Fisheries Monitoring cc, Schalk Visagie (ROP No 018) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.24 (RFMO No AT000JPN00571) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 11/01/2024 to 30/03/2024.

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	Ise Shi (Japan)	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha LTD	Charterer:	N/A
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6347.5 m^3 3200 M/T
Size (GRT):	4992 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, South Africa
Date of embarkation	11/01/2024
Method of embarkation*	Portside
Date of departure	11/01/2024
Date of first transhipment	16/01/2024
Date of last transhipment	17/03/2024
Date of return	30/03/2024
Date of disembarkation	30/03/2024
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

*(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 28 transhipments at sea, the locations are shown in detail in

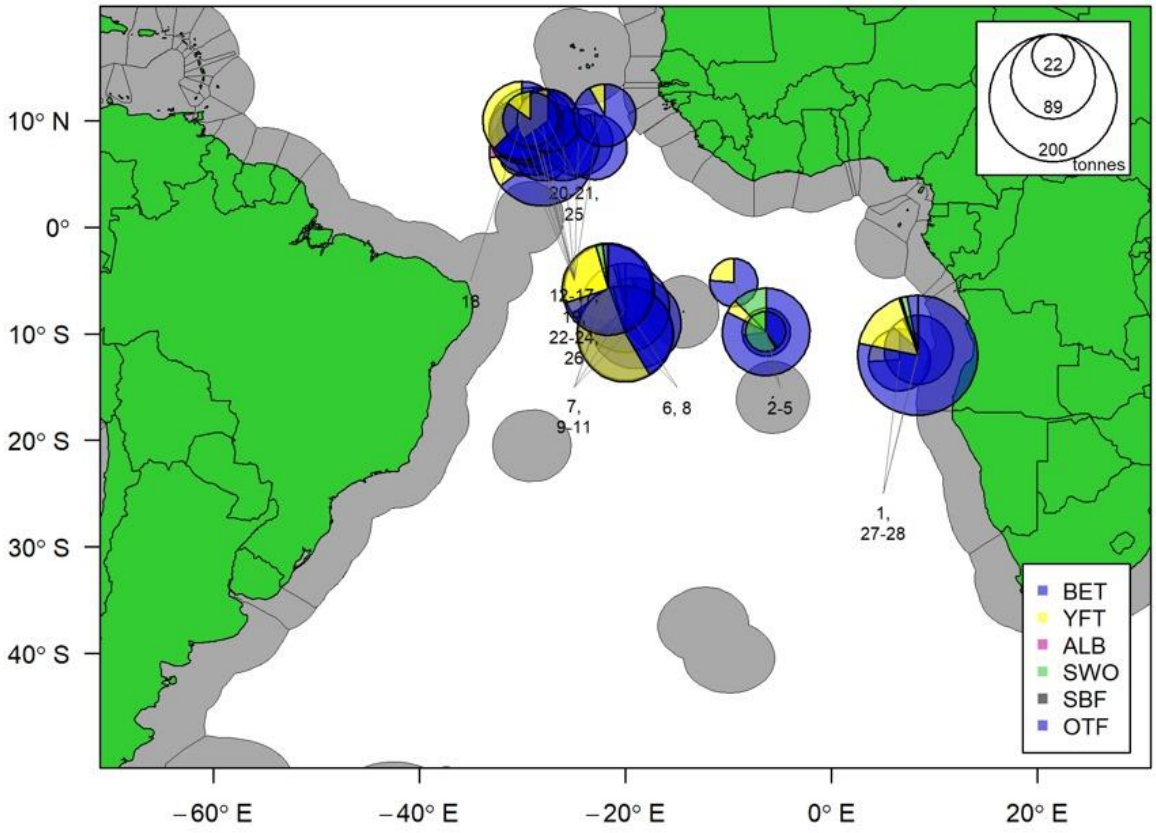

Figure 1 and the numbers received by nationality of vessel are given in Table 1.

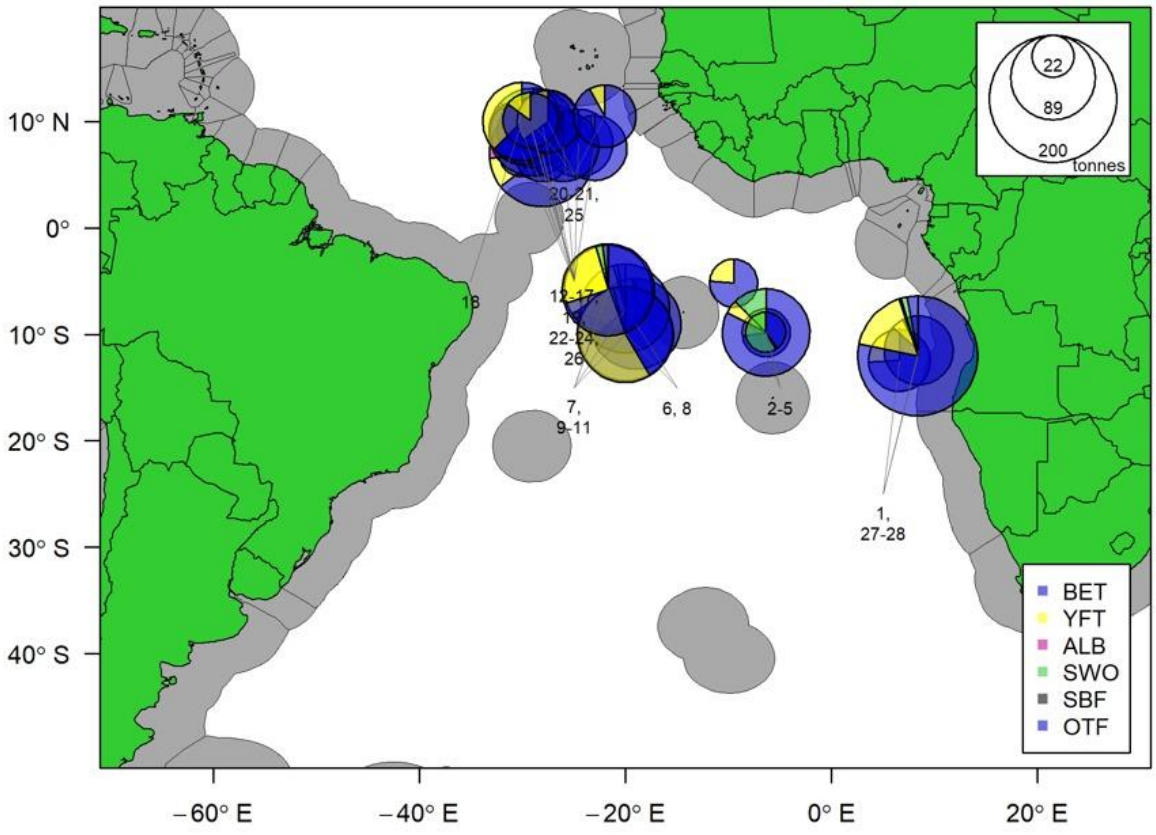

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	17
xxx	11

Comments:
In addition to the transhipments shown in Table 1 (above), there were also 17 non-ROP transhipments carried out, including 8 non-ROP transhipments of at sea and 9 in-port fish transhipments while in port.
28 of the LSPLVS listed in Table 1 were also provided with provisions of food, fuel, goods and/or bait (or a combination thereof).

Details about non-ROP transhipments in appendices. Table 13 details all non-ROP transhipments at sea, Table 14 details all non-ROP transhipments in port while Table 15 describes all non-ROP fish transhipments in port.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	17/01/24	12°31.671 S	006°33.586 E	06:45	100.00%
2				Yes	21/01/24	09°50.532 S	006°20.886 W	01:33	100.00%
3				Yes	21/01/24	09°48.979 S	006°21.704 W	01:20	100.00%
4				Yes	21/01/24	09°46.981 S	006°24.126 W	01:15	100.00%
5				Yes	23/01/24	05°10.443 S	009°30.43 W	05:04	100.00%
6				Yes	25/01/24	09°00.431 S	019°00.391 W	04:22	100.00%
7				Yes	26/01/24	09°59.471 S	020°00.621 W	03:11	100.00%
8				Yes	27/01/24	09°57.592 S	019°58.04 W	01:51	100.00%
9				Yes	28/01/24	07°33.771 S	020°01.862 W	02:13	100.00%
10				Yes	29/01/24	05°44.317 S	021°41.822 W	02:30	100.00%
11				Yes	30/01/24	05°48.675 S	021°40.9 W	03:01	100.00%
12				Yes	02/02/24	06°56.789 N	028°02.931 W	04:33	100.00%
13				Yes	02/02/24	06°54.927 N	028°07.931 W	01:20	100.00%
14				Yes	03/02/24	07°03.57 N	029°58.34 W	02:09	100.00%
15				Yes	04/02/24	09°00.243 N	028°59.614 W	01:23	100.00%
16				Yes	04/02/24	08°59.511 N	029°01.655 W	02:00	100.00%
17				Yes	04/02/24	08°58.499 N	029°03.084 W	01:21	100.00%
18				Yes	05/02/24	09°59.792 N	030°02.827 W	04:00	100.00%
19				Yes	06/02/24	09°01.553 N	029°59.64 W	01:10	100.00%
20				Yes	07/02/24	10°06.563 N	029°13.139 W	05:10	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
21				Yes	08/02/24	10°00.36 N	027°29.469 W	03:30	100.00%
22				Yes	09/02/24	09°29.944 N	028°01.894 W	04:01	100.00%
23				Yes	10/02/24	07°39.492 N	026°01.281 W	04:15	100.00%
24				Yes	11/02/24	07°30.307 N	023°00.626 W	03:48	100.00%
25				Yes	12/02/24	10°29.57 N	022°00.861 W	03:48	100.00%
26				Yes	26/02/24	07°57.881 N	024°32.044 W	03:11	100.00%
27				Yes	04/03/24	11°29.29 S	008°27.092 E	02:15	100.00%
28				Yes	05/03/24	12°00.9 S	008°21.274 E	09:10	100.00%

Comments:

The observer was able to check all vessels and also observed 100% of all fish transhipments; all vessels included.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	89.89	91.901	13.202	13.532	6.124	6.179	30.702	31.144	139.918	142.756	2.84	1.99%
2	29.38	30	0	0	0	0	0	0	29.38	30	0.62	2.07%
3	38.64	40	0	0	0	0	0	0	38.64	40	1.36	3.40%
4	29.88	30	0	0	0	0	0	0	29.88	30	0.12	0.40%
5	54.06	56.39	1.517	1.6	14.724	15.56	0	0	70.301	73.55	3.25	4.42%
6	84.695	85.313	1.022	1.226	13.036	13.462	0	0	98.753	100.001	1.25	1.25%
7	61.245	61.798	2.069	1.954	0	0	0	0	63.314	63.752	0.44	0.69%
8	58.77	58.418	1.543	1.582	0	0	0	0	60.313	60	-0.31	-0.52%
9	52.833	54.201	1.398	1.271	0	0	0	0	54.231	55.472	1.24	2.24%
10	53.177	53.862	1.157	1.077	0	0	0	0	54.334	54.939	0.60	1.10%
11	65.197	63.771	0.494	0.494	0	0	0	0	65.691	64.265	-1.43	-2.22%
12	49.959	50	25.102	30.115	0	0	0	0	75.061	80.115	5.05	6.31%
13	35.236	32.934	17.785	17.785	0	0	0	0	53.021	50.719	-2.30	-4.54%
14	47.408	47.019	4.075	4.165	0	0	0	0	51.483	51.184	-0.30	-0.58%
15	33.579	34	6.141	6.1	0	0	0	0	39.72	40.1	0.38	0.95%
16	22.725	21.951	8.069	8.247	0	0	0	0	30.794	30.198	-0.60	-1.97%
17	23.305	23.043	6.659	7.143	0	0	0	0	29.964	30.186	0.22	0.74%
18	80.8	82.464	7.916	5	11.935	12.536	0	0	100.651	100	-0.65	-0.65%
19	8.457	8.366	0.215	0.215	12.653	12.306	0	0	21.325	20.887	-0.44	-2.10%
20	90.495	88.034	17.625	17.14	0.811	0.811	0.524	0.615	109.455	106.6	-2.86	-2.68%
21	95.894	93.508	19.565	19.89	0.715	0.715	0	0	116.174	114.113	-2.06	-1.81%
22	64.68	64.947	32.2	33.301	1.209	1.404	3.401	3.125	101.49	102.777	1.29	1.25%
23	66.365	65	34.256	35	0	0	0	0	100.621	100	-0.62	-0.62%
24	48.868	50.102	63.408	63.916	1.31	1.27	5.224	5.224	118.81	120.512	1.70	1.41%
25	76.945	77.455	25.231	27.91	2.39	2.643	2.637	2.342	107.203	110.35	3.15	2.85%
26	38.115	37	12.75	13	0	0	0	0	50.865	50	-0.87	-1.73%
27	54.011	53.533	3.797	3.554	0.57	0.591	4.104	4.104	62.482	61.782	-0.70	-1.13%

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
28	145.869	146.701	31.426	31.164	3.1	2.882	7.45	6.675	187.845	187.422	-0.42	-0.23%

Comments: There were no major differences between the observations and any vessel's declared amounts.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	N	0.00	0.00%	0.78	0.04%
Albacore	*Thunnus alalunga*	S	0.00	0.00%	28.51	1.38%
Albacore	*Thunnus alalunga*	Unk	28.53	1.38%	0.00	0.00%
Atlantic blue marlin	*Makaira nigricans*	N	0.00	0.00%	10.53	0.51%
Atlantic blue marlin	*Makaira nigricans*	S	4.01	0.19%	13.41	0.65%
Atlantic blue marlin	*Makaira nigricans*	Unk	21.43	1.04%	0.00	0.00%
Atlantic sailfish	*Istiophorus albicans*	Unk	0.08	0.00%	0.00	0.00%
Bigeye tuna	*Thunnus obesus*	All	0.00	0.00%	1601.71	77.31%
Bigeye tuna	*Thunnus obesus*	Unk	1600.48	77.63%	0.00	0.00%
Swordfish	*Xiphias gladius*	N	0.00	0.00%	18.15	0.88%
Swordfish	*Xiphias gladius*	S	6.12	0.30%	52.21	2.52%
Swordfish	*Xiphias gladius*	Unk	62.45	3.03%	0.00	0.00%
Yellowfin tuna	*Thunnus albacares*	All	0.00	0.00%	346.38	16.72%
Yellowfin tuna	*Thunnus albacares*	Unk	338.62	16.42%	0.00	0.00%

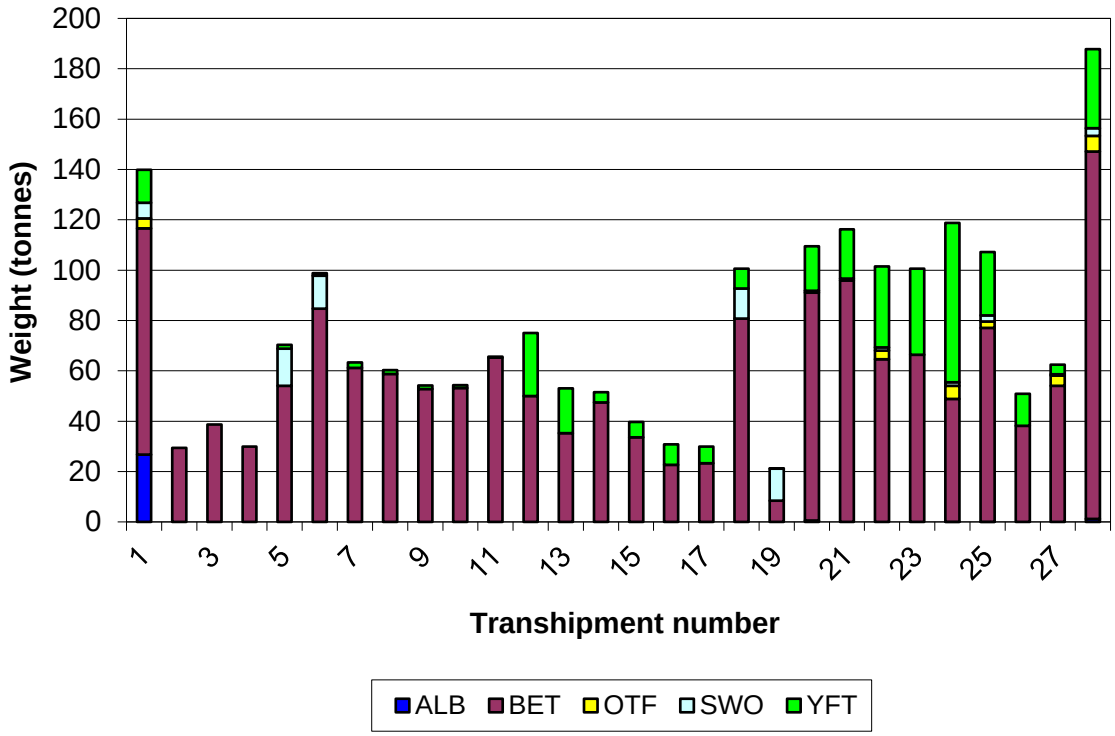

Figure 2 **Proportions, by weight, of fish species transferred by transhipment.**

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	12.98
Atlantic blue marlin	*Makaira nigricans*	115.62
Atlantic sailfish	*Istiophorus albicans*	25.00
Bigeye tuna	*Thunnus obesus*	51.41
Swordfish	*Xiphias gladius*	51.83
Yellowfin tuna	*Thunnus albacares*	43.12

Comments:
Two different methods of transhipment were used during the voyage.

The first method involved the fish being hauled in a string directly from the hold of the LSPLV to the rail-mounted trolley or the receiving hold of the CV. These transhipments were the most difficult to observe as the observer only had a few seconds to estimate the composition of and the number of fish in each string. The observer would first just estimate the number of fish in the string and then would try and estimate how many of each species (together with their product type) were contained in the string.

The second method involved the LSPLV first hauling the fish to the hauling deck of the LSPLV to be assembled in larger strings before being hauled to the CV. This method allowed the observer ample time to actually count the number of fish for each species (and their associated product type) that made up each string prior to the string being lifted off the deck and hoisted across to the carrier vessel.

For most part, the observer relied on the average weight for each species as supplied by the LSPLVs. In cases where there was a drastic difference between the reported and the observed number of fish or where the observer deemed the average weight to be unrealistic, the observer would estimate the average weight for those species based on the fish that was observed, keeping in mind the average weights for the same species as transhipped from other vessels in the same area.

The CV made use of a hook scale and the tally sheet of the hook scale recordings was supplied to the observer as reference.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	29292
Atlantic blue marlin	*Makaira nigricans*	Dressed weight	5434
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	18503
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	1601711
Swordfish	*Xiphias gladius*	Dressed weight	58865
Swordfish	*Xiphias gladius*	Fillet	11494
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	346381

Comments: The products reflected in Table 6 was declared by the LSPLVs. The observer noted the same processing method, except for the Atlantic blue marlin *(Makaira nigricans)* which was declared as dressed for transhipment 28 while the observer noted a gilled and gutted product.

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									

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:
No southern bluefin tuna was transhipped during this deployment.

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg. No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	17/01/24	Yes	Yes	Yes	Yes	No	31/07/22	Yes	Y	Yes	No	Yes	EL	17/01/24
2			Yes	21/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	20/01/24
3			Yes	21/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	20/01/24
4			Yes	21/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	20/01/24
5			Yes	23/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	23/01/24
6			Yes	25/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	25/01/24
7			Yes	26/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	25/01/24
8			Yes	27/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	26/01/24
9			Yes	28/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	27/01/24
10			Yes	29/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	27/01/24
11			Yes	30/01/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	30/01/24
12			Yes	02/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	31/01/24
13			Yes	02/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	02/02/24
14			Yes	03/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	03/02/24
15			Yes	04/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	03/02/24
16			Yes	04/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	03/02/24
17			Yes	04/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	03/02/24
18			Yes	05/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	04/02/24
19			Yes	06/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	04/02/24
20			Yes	07/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	05/02/24
21			Yes	08/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	06/02/24
22			Yes	09/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	07/02/24
23			Yes	10/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	09/02/24
24			Yes	11/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	10/02/24
25			Yes	12/02/24	Yes	Yes	Yes	Yes	Yes	31/07/29	Yes	Y	Yes	Yes	Yes	EL	11/02/24
26			Yes	26/02/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	25/02/24
27			Yes	04/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	No	Yes	EL	04/03/24

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
28			Yes	05/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	04/03/24

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 LSPLV checks

No	Comments
1	The ATF which was provided during the on-board check was not in date, and was valid to 31/07/2022. **Figure 3 ATF document provided by the**
1	The power light of the VMS unit shown to the observer during the on-board check was not illuminated. The captain switched on the unit when this was brought to his attention. **Figure 4 VMS unit on board the**
27	The power light of the VMS unit shown to the observer during the on-board check was not illuminated. The captain switched on the unit when this was brought to his attention. **Figure 5 VMS unit on board the**

The observer made 3 Potential Non Compliance (PNC) reports summarised below in Table 11.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			28901	VNL	AID	
27			28927	VNL		

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a very effective waste disposal system on board. The ship was also equipped with an incinerator which was used on a regular basis.

All waste was separated and stored in specifically designated bins. Galley waste was collected in a bucket inside the galley. This bucket was discharged over the side once full. Metal cans, glass bottles, plastics, operational waste and plastic bottles were all separated and each stored in each own designated bin for recycling once ashore. Plastic water bottles had their labels and caps removed and the bottles, caps and labels were stored separately.

9.2 Unidentified or IUU vessels

No IUU vessels were observed during the deployment.

9.3 Marine mammals.

No marine mammals were observed during the deployment.

Table 12 Marine mammal sightings

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

10 Health and Safety on board the CV

There were no major health and safety concerns regarding the vessel and safety drills were carried out on 24/03/2024.

During this drill the crew practiced:

- Fighting a fire
- Procedures pertaining to flooding and the associated mitigation measures.
- An “oil spill” drill with the crew exercised the rapid containment and cleaning of the spill.
- A lifeboat drill where all crewmembers (observer included) went to their assigned muster stations where lifejackets were donned.

All safety equipment was checked during these drills.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?	Yes ***X***	No

Appendices

Table 13 Non-ROP Transhipments at sea

Vessel	RFMO Number	Date	Lat	Lon	Bait	Food	Fuel	Goods
		30/01/24	05°46.51 S	021°42.84 W	X	X		X
		26/01/24	09°57.94 S	020°06.88 W	X	X		X
		28/01/24	07°32.41 S	020°05.58 W	X	X		X
		29/01/24	05°42.89 S	021°43.87 W	X	X		X
		04/02/24	08°58.53 N	029°03.08 W				X
		10/02/24	07°35.38 N	026°04.77 W	X	X	X	X
		17/03/24	25°59.75 S	038°47.61 E			X	
		02/02/24	06°53.92 N	028°09.28 W	X	X		X
		05/02/24	09°59.92 N	030°02.41 W	X	X		X
		21/01/24	09°48.92 S	006°21.13 W		X		X
		21/01/24	09°47.24 S	006°23.46 W		X		X
		21/01/24	09°45.35 S	006°25.86 W		X		X
		04/02/24	09°00.32 N	028°59.5 W				X
		06/02/24	08°59.38 N	030°00.89 W	X	X		X
		18/01/24	12°00.33 S	005°59.01 E	X	X		X
		02/02/24	06°57.01 N	028°02.46 W		X		X
		26/02/24	07°58.03 N	024°31.56 W			X	X
		07/02/24	10°08.04 N	029°17.11 W	X	X	X	X
		08/02/24	09°57.14 N	027°32.31 W	X	X	X	X
		06/02/24	09°00.38 N	030°00.71 W	X	X		X
		23/01/24	05°04.39 S	009°33.27 W	X	X		X

Vessel	RFMO Number	Date	Lat	Lon	Bait	Food	Fuel	Goods
		25/01/24	08°57.78 S	019°04.95 W	X	X		X
		18/01/24	11°58.29 S	005°59.43 E		X	X	X
		16/01/24	12°01.64 S	003°00.3 E		X	X	X
		06/03/24	12°01.26 S	008°21.21 E			X	X
		09/02/24	09°29.32 N	028°04.64 W	X	X	X	X
		03/02/24	06°59.91 N	030°00.47 W	X	X		X
		11/02/24	07°28.37 N	023°02.91 W	X	X	X	X
		12/02/24	10°25.44 N	022°02.25 W	X	X	X	X
		17/01/24	12°31.9 S	006°33.45 E		X		X
		05/03/24	11°29.66 S	008°27.17 E				X
		19/01/24	09°00.81 S	005°03.58 E		X		X
		27/02/24	05°14.5 N	022°01.27 W		X	X	X
		16/01/24	12°02.65 S	003°01.14 E		X	X	X
		27/01/24	09°56.31 S	020°01.43 W	X	X		X
		04/02/24	08°59.67 N	029°01.62 W				X

Table 14 Non-ROP fish Transhipments in Port

Vessel	RFMO No	Date	ALB	BET	BFT	BUM	SWO	YFT	Total(t)
		15/02/24	0	7.777	67.829	0.881	0.638	7.518	84.643
		16/02/24	2.635	87.215	67.813	3.165	2.825	25.177	188.83
		21/02/24	0	68	0	0	0	12	80
		18/02/24	0	0	61.399	0	0	0	61.399
		17/02/24	0	13.259	61.887	0	0	0.741	75.887
		14/02/24	9.85	92.941	0	2.992	1.571	65.38	172.734
		22/02/24	6.108	108.268	0	1.675	0.931	52.672	169.654
		20/02/24	0	40	0	0	0	20	60

Vessel	RFMO No	Date	ALB	BET	BFT	BUM	SWO	YFT	Total(t)
		19/02/24	0.3	76	51.852	1.8	1	8.1	139.052

ICCAT

Observer Report

Trip Number:	291/24
Vessel Name:	TAISEI MARU NO.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Rauf Berkay Eryericer
Cruise Dates:	From: 10/02/2024 To: 14/04/2024

Cruise Summary

In accordance with the bilateral agreement between TAISEI MARU KAIUN KAISHA, LTD and consortium of MRAG and Capricorn Fisheries Monitoring cc, Rauf Berkay Eryericer (ROP no. 181) joined the Japan registered Carrier Vessel (CV) TAISEI MARU NO.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/02/2024 to 14/04/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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;

1 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd.	Charterer:	N/A
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6,335.7 m^3 / 3,200 tons
Size (GRT):	4,969 tons	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):		CLS TRITON (iridium)	
Tuna products already on board (Quantity)		0	

2 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	10/02/2024
Method of embarkation*	In-Port (dockside)
Date of departure	11/02/2024
Date of first transhipment	16/02/2024
Date of last transhipment	30/03/2024
Date of return	14/04/2024
Date of disembarkation	14/04/2024
Method of disembarkation*	In-Port (by launch)
Port of return	Port Louis, Mauritius

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

3 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 30 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

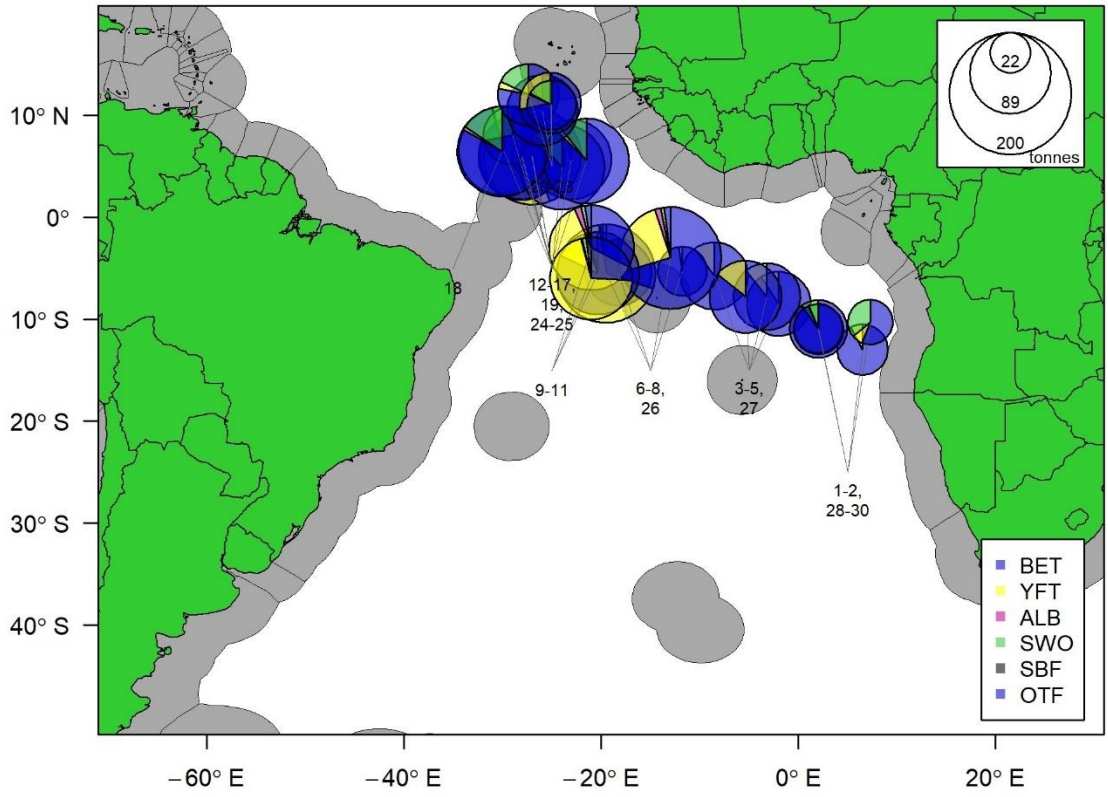

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	22
xxx	8

Comments: The CV also performed a total of eleven (11) non-ROP transhipments four (4) of which were in-port fish transhipments while the rest were at sea non-ROP transhipments. Please see Table 13, Table 14 and

Table 15 for the details.

4 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	16/02/2024	12°58.744 S	006°29.33 E	04:11	100
2				Yes	17/02/2024	10°16.775 S	007°17.489 E	07:30	100
3				Yes	19/02/2024	08°29.275 S	002°00.709 W	05:00	100
4				Yes	20/02/2024	07°47.443 S	003°11.848 W	05:59	100
5				Yes	21/02/2024	07°47.779 S	005°22.045 W	06:44	100
6				Yes	23/02/2024	05°17.656 S	011°45.78 W	02:15	100
7				Yes	25/02/2024	05°24.941 S	018°15.747 W	03:08	100
8				Yes	26/02/2024	05°31.607 S	019°29.755 W	05:37	100
9				Yes	27/02/2024	05°29.271 S	020°20.55 W	05:57	100
10				Yes	28/02/2024	05°59.524 S	021°01.21 W	05:26	100
11				Yes	29/02/2024	02°58.998 S	020°59.72 W	03:09	100
12				Yes	02/03/2024	05°39.705 N	023°01.07 W	03:15	100
13				Yes	04/03/2024	05°59.665 N	027°00.116 W	02:31	100
14				Yes	04/03/2024	05°57.406 N	027°03.263 W	01:58	100
15				Yes	05/03/2024	05°57.095 N	028°00.592 W	03:24	100
16				Yes	05/03/2024	05°54.338 N	028°05.492 W	05:21	100
17				Yes	06/03/2024	06°30.924 N	029°54.488 W	03:40	100
18				Yes	06/03/2024	06°26.055 N	030°01.811 W	03:13	100
19				Yes	07/03/2024	08°01.145 N	028°58.95 W	02:00	100
20				Yes	08/03/2024	12°01.235 N	027°23.432 W	03:00	100
21				Yes	17/03/2024	11°10.748 N	025°10.782 W	06:38	100
22				Yes	19/03/2024	10°59.99 N	025°00.835 W	07:00	100
23				Yes	20/03/2024	10°29.727 N	025°57.496 W	05:09	100
24				Yes	22/03/2024	04°54.905 N	023°58.232 W	04:43	100

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
25				Yes	23/03/2024	05°30.177 N	021°30.391 W	05:12	100
26				Yes	26/03/2024	03°59.425 S	012°59.261 W	01:40	100
27				Yes	27/03/2024	05°45.164 S	008°31.694 W	02:10	100
28				Yes	30/03/2024	10°59.595 S	002°01.917 E	02:00	100
29				Yes	30/03/2024	10°56.45 S	002°01.05 E	02:00	100
30				Yes	30/03/2024	10°53.572 S	002°00.238 E	01:11	100

Comments: None.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	86,244	95,806	3,292	2,752	2,570	892	1,784	1,903	93,890	101,353	7,463	7.36
2	58,066	66,873	63,196	66,283	9,347	8,734	9,770	9,623	140,379	151,513	11,134	7.35
3	114,927	105,355	1,081	940	8,821	8,970	0	0	124,829	115,265	-9,564	-8.30
4	109,327	111,847	474	474	5,645	5,888	0	0	115,446	118,209	2,763	2.34
5	118,868	122,213	701	501	4,809	4,959	0	0	124,378	127,673	3,295	2.58
6	24,591	24,900	567	520	0	0	0	0	25,158	25,420	262	1.03
7	42,247	39,357	281	281	13,693	15,300	0	0	56,221	54,938	-1,283	-2.34
8	104,579	101,104	2,032	1,524	13,210	13,260	0	0	119,821	115,888	-3,933	-3.39
9	94,603	102,072	1,941	1,844	12,108	12,240	0	0	108,652	116,156	7,504	6.46
10	115,900	107,978	2,197	1,528	20,453	20,400	0	0	138,550	129,906	-8,644	-6.65
11	69,078	74,501	5,210	4,993	0	0	0	0	74,288	79,494	5,206	6.55
12	43,283	47,141	2,221	2,320	11,025	10,812	0	0	56,529	60,273	3,744	6.21
13	41,689	43,000	16,447	17,000	0	0	0	0	58,136	60,000	1,864	3.11
14	33,768	31,501	361	361	6,313	6,557	0	0	40,442	38,419	-2,023	-5.27
15	57,363	59,808	7,163	6,219	0	0	0	0	64,526	66,027	1,501	2.27
16	68,145	65,330	7,580	7,241	0	0	0	0	75,725	72,571	-3,154	-4.35

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
17	64,258	63,879	8,196	7,769	0	0	0	0	72,454	71,648	-806	-1.12
18	67,279	71,438	11,231	11,925	0	0	0	0	78,510	83,363	4,853	5.82
19	38,602	37,680	1,045	961	0	0	0	0	39,647	38,641	-1,006	-2.60
20	66,255	67,887	0	0	0	0	2,176	2,176	68,431	70,063	1,632	2.33
21	40,959	46,259	99,271	104,629	1,437	1,166	2,850	2,650	144,517	154,704	10,187	6.58
22	106,747	117,190	39,549	40,883	1,748	1,864	5,906	6,476	153,950	166,413	12,463	7.49
23	81,056	89,870	12,185	13,694	1,859	1,717	4,290	4,264	99,390	109,545	10,155	9.27
24	29,198	37,606	74,554	70,182	1,632	1,673	6,121	5,977	111,505	115,438	3,933	3.41
25	24,907	28,033	70,208	76,340	2,064	1,875	2,678	2,481	99,857	108,729	8,872	8.16
26	39,213	37,871	3,181	3,127	0	0	0	0	42,394	40,998	-1,396	-3.41
27	16,858	18,006	2,871	2,546	11,649	11,589	0	0	31,378	32,141	763	2.37
28	35,320	35,552	313	313	3,881	3,775	0	0	39,514	39,640	126	0.32
29	48,254	47,360	245	245	5,150	5,150	0	0	53,649	52,755	-894	-1.69
30	38,299	35,700	225	225	2,542	2,389	0	0	41,066	38,314	-2,752	-7.18

Comments: None.

5 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	N	7,510	0.30	8,149	0.32
Albacore	*Thunnus alalunga*	S	522	0.02	375	0.01
Atlantic blue marlin	*Makaira nigricans*	N	13,410	0.54	13,097	0.51
Atlantic blue marlin	*Makaira nigricans*	S	11,032	0.44	11,151	0.44
Atlantic sailfish	*Istiophorus albicans*	W	152	0.01	136	0.01
Bigeye tuna	*Thunnus obesus*	All	1,879,883	75.40	1,933,117	75.65
Dolphinfish	*Coryphaena hippurus*	W	179	0.01	155	0.01
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	NW	1,380	0.06	1,244	0.05
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	W	618	0.02	538	0.02
Opah	*Lampris guttatus*	NW	286	0.01	271	0.01
Opah	*Lampris guttatus*	W	185	0.01	168	0.01
Skipjack tuna	*Katsuwonus pelamis*	W	209	0.01	174	0.01
Striped marlin	*Tetrapturus audax*	NW	40	0.00	40	0.00
Striped marlin	*Tetrapturus audax*	W	52	0.00	52	0.00
Swordfish	*Xiphias gladius*	All	10,533	0.42	0	0.00
Swordfish	*Xiphias gladius*	N	41,488	1.66	34,862	1.36
Swordfish	*Xiphias gladius*	S	87,935	3.53	104,348	4.08
Yellowfin tuna	*Thunnus albacares*	All	437,818	17.56	447,620	17.52

Comments:

During this deployment the main species transhipped was bigeye tuna (*T.obesus*) by 75.65%, this was followed by yellowfin tuna (*T.albacares*) by 17.52%, and swordfish (*X.gladius*) by 5.45%. Other transhipped species made up 2.78% of the total amount transhipped.

The CV made use of a hook scale to determine the weight of each transhipped string. These weights were recorded in the CV tally sheet. However, the LSPLVs' figures were used in the Transhipment Declarations (TD). In all transhipments the LSPLVs declaration of weight of the products were fairly close with the CV's weight estimation made via the hook scale. During all transhipments most of the fish were clearly visible for the observer to count individually.

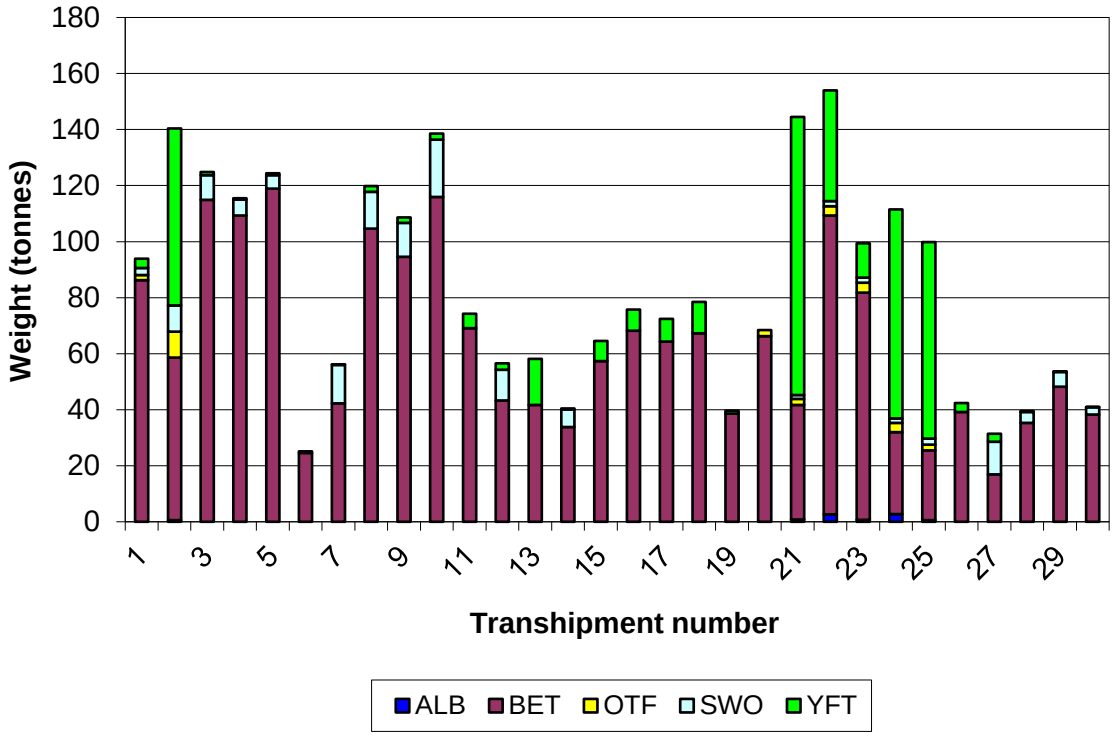

Figure 2 **Proportions, by weight, of fish species transferred by transhipment.**

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	23.62
Atlantic blue marlin	*Makaira nigricans*	109.61
Atlantic sailfish	*Istiophorus albicans*	15.20
Bigeye tuna	*Thunnus obesus*	51.55
Dolphinfish	*Coryphaena hippurus*	5.97
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	8.16
Opah	*Lampris guttatus*	15.70
Skipjack tuna	*Katsuwonus pelamis*	5.65
Striped marlin	*Tetrapturus audax*	18.40
Swordfish	*Xiphias gladius*	50.78
Yellowfin tuna	*Thunnus albacares*	45.45

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	8,524
Atlantic blue marlin	*Makaira nigricans*	Dressed weight	15,895
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	8,353
Atlantic sailfish	*Istiophorus albicans*	Dressed weight	136
Bigeye tuna	*Thunnus obesus*	Dressed weight	66
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	1,933,051
Dolphinfish	*Coryphaena hippurus*	Dressed weight	155
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Dressed weight	1,782
Opah	*Lampris guttatus*	Dressed weight	439
Skipjack tuna	*Katsuwonus pelamis*	Dressed weight	62
Skipjack tuna	*Katsuwonus pelamis*	Rounded Weight	112
Striped marlin	*Tetrapturus audax*	Dressed weight	23
Striped marlin	*Tetrapturus audax*	Gilled & gutted	69
Swordfish	*Xiphias gladius*	Dressed weight	125,560
Swordfish	*Xiphias gladius*	Fillet	13,650
Yellowfin tuna	*Thunnus albacares*	Dressed weight	55
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	447,565

Comments:
All of the *T.obesus* and *T.albacares* were transhipped as gilled & gutted (GG) product type except for transhipment #22 where one piece from each species was transhipped as dressed weight (DR). The *X.gladius* was transhipped both under dressed weight (DR) and fillet (FL) and *M.nigricans* was transhipped both as GG and DR.

6 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									

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: No SBF was transhipped during this deployment

7 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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Y	16/02/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	15/02/2024
2			Y	17/02/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	16/02/2024
3			Y	19/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	18/02/2024
4			Y	20/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	19/02/2024
5			Y	21/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	20/02/2024
6			Y	23/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	22/02/2024
7			Y	25/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	25/02/2024
8			Y	26/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	26/02/2024
9			Y	27/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	27/02/2024
10			Y	28/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	28/02/2024
11			Y	29/02/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	29/02/2024
12			Y	02/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	01/03/2024
13			Y	04/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	03/03/2024
14			Y	04/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	03/03/2024
15			Y	05/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	04/03/2024
16			Y	05/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	04/03/2024
17			Y	06/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	05/03/2024
18			Y	06/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	05/03/2024

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
19			Y	07/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	06/03/2024
20			Y	08/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	PU	07/03/2024
21			Y	17/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	17/03/2024
22			Y	19/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	18/03/2024
23			Y	20/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	19/03/2024
24			Y	22/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	20/03/2024
25			Y	23/03/24	Y	Y	Y	Y	Y	31/07/27	Y	Y	Y	Y	Y	EL	22/03/2024
26			Y	26/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	25/03/2024
27			Y	27/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	26/03/2024
28			Y	30/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	29/03/2024
29			Y	30/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	29/03/2024
30			Y	30/03/24	Y	Y	Y	Y	Y	31/12/24	Y	Y	Y	Y	Y	PB	29/03/2024

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 LSPLV checks

No	Comments
N/A	

The observer made 0 Potential Non Compliance (PNC) reports summarised below in Table 11.

Table 11 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
N/A						

8 Other Observer Tasks.

8.1 CV waste disposal

During this deployment the CV crew appeared to be conscious about the disposal of waste. The crew separated recyclable waste, paper and cardboard was incinerated in the incinerator positioned on the stern of the CV, all other waste was kept in demarcated containers on board to be discarded upon arrival in port. Organic galley waste was ground and discarded into the sea.

Figure 3: Demarcated containers

Figure 4: Incinerator

8.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment,

8.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

9 Health and Safety on board the CV

The observer performed a safety inspection whilst in Cape Town harbour and found all equipment and relevant documentation in date and in good working order. During transhipments the observer was able to work on deck safely and the crew was very helpful towards the observer. No health and safety issues were encountered during the trip.

10 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	X	

Table 13 Non ROP Transhipments

Vessel	Callsign	RFMO Number	Date	Lat	Lon	Products	TranshipmentComments
			17/02/2024	10°16.775 S	007°17.489 E	Goods	Dry cargo transferred to fishing vessel.
			26/02/2024	05°30.966 S	019°26.831 E	Bait	1500 boxes of bait transferred to this FV.
			03/03/2024	04°59.715 N	023°00.373 W	Bait	5000 boxes of bait transferred to this FV.
			18/03/2024	10°48.230 N	023°29.650 W	Bait, Fuel	1000 boxes of bait & 100 K/L fuel transhipped to the FV.
			20/03/2024	10°20.063 N	026°05.916 W	Fuel	60 K/L fuel oil transferred to this FV.
			01/04/2024	17°59.082 S	006°02.807 E	Fuel	100 K/L fuel oil transferred to this FV.
			01/04/2024	17°54.757 S	005°59.814 E	Fuel	150 K/L fuel oil transferred to this FV.

Table 14 Non ROP Transhipments in Port

Vessel	Call sign	RFMO Number	Date	Port	Fish Transhipped?	Products	Comments
			11/03/2024	Sao Vicente	Yes	Fish	137.210t fish transferred from fishing vessel.
			12/03/2024	Sao Vicente	Yes	Fish, Goods	107.638t fish transferred from fishing vessel. Some dry cargo transferred to fishing vessel.
			13/03/2024	Sao Vicente	Yes	Fish, Goods	184.806t fish transferred from fishing vessel. Some dry cargo transferred to fishing vessel.
			14/03/2024	Sao Vicente	Yes	Fish, Goods	102.739t fish transferred from fishing vessel. Some dry cargo transferred to fishing vessel.

Table 15 Non ROP Fish Transhipped in Port

Non-ROP TS No	Species Name	English Name	Stock Area	Product Type	Total Weight (kg)
4	*Thunnus obesus*	Bigeye tuna	All Atlantic	Gilled & gutted	48,500
	Thunnus albacares	Yellowfin tuna	All Atlantic	Gilled & gutted	900
	Thunnus thynnus	Northern bluefin tuna	All Atlantic	Gilled & gutted	77,418
	Xiphias gladius	Swordfish	Northern stock	Dressed weight	1,951
	Xiphias gladius	Swordfish	Northern stock	Fillet	8,441
5	*Thunnus obesus*	Bigeye tuna	All Atlantic	Gilled & gutted	90,555
	Thunnus albacares	Yellowfin tuna	All Atlantic	Gilled & gutted	13,579
	Thunnus alalunga	Albacore	Northern stock	Rounded Weight	488
	Xiphias gladius	Swordfish	Northern stock	Dressed weight	694
	Xiphias gladius	Swordfish	Northern stock	Fillet	700
	Makaira nigricans	Atlantic blue marlin	Northern stock	Dressed weight	1,622
6	*Thunnus obesus*	Bigeye tuna	All Atlantic	Gilled & gutted	97,084
	Thunnus albacares	Yellowfin tuna	All Atlantic	Gilled & gutted	3,387
	Thunnus alalunga	Albacore	Northern stock	Rounded Weight	2,570
	Thunnus thynnus	Northern bluefin tuna	All Atlantic	Gilled & gutted	77,180
	Xiphias gladius	Swordfish	Northern stock	Dressed weight	3,126
	Xiphias gladius	Swordfish	Northern stock	Fillet	94
	Makaira nigricans	Atlantic blue marlin	Northern stock	Dressed weight	1,365
7	*Thunnus obesus*	Bigeye tuna	All Atlantic	Gilled & gutted	24,010
	Thunnus albacares	Yellowfin tuna	All Atlantic	Gilled & gutted	551
	Thunnus thynnus	Northern bluefin tuna	All Atlantic	Gilled & gutted	77,626
	Xiphias gladius	Swordfish	Northern stock	Fillet	552

ICCAT

Observer Report

Trip Number:	292
Vessel Name:	Tuna Princess
ICCAT Ref. No.	AT000PAN00337
Observer Name:	Julio Ocon
Cruise Dates:	From: 28/01/2024 To: 19/02/2024

1 Cruise Summary

In accordance with the bilateral agreement between Star Navigation S.A. and consortium of MRAG and Capricorn Fisheries Monitoring cc, Julio Ocon (ROP no.165) joined the Panama registered Carrier Vessel (CV) Tuna Princess (RFMO No AT000PAN00337) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/01/2024 to 19/02/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	Tuna Princess	Call sign:	3E2595
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	M.R.S. Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5107.46 m^3
Size (GT):	4902	Length (LOA):	121 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		1400.76T	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Porto Grande St Vincent, Cape Verde
Date of embarkation	28/01/2024
Method of embarkation*	Transfer vessel in port
Date of departure	28/01/2024
Date of first transhipment	31/01/2024
Date of last transhipment	10/02/2024
Date of return	19/02/2024
Date of disembarkation	19/02/2024
Method of disembarkation*	IOTC Crossover
Port of return	IOTC Crossover

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

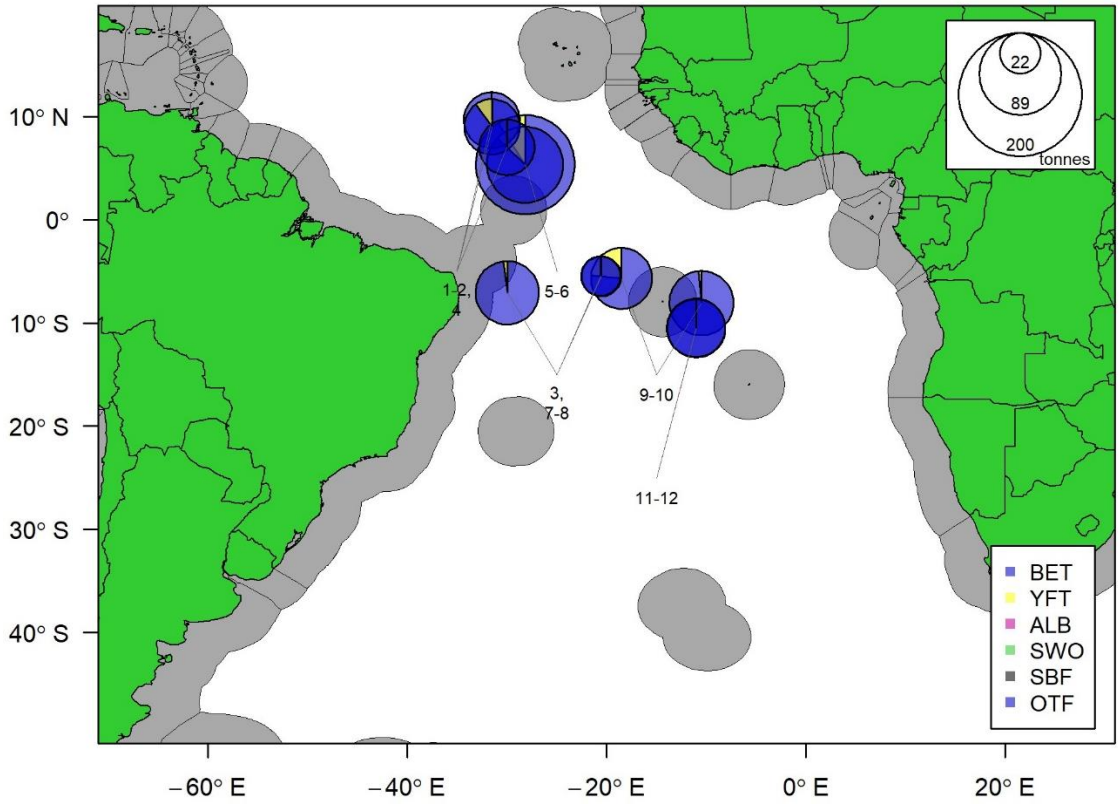

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	8
xxx	4
Total	12

Comments:

No non ROP transhipments were performed during the trip.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	31/01/2024	09°39.292 N	031°31.237 W	08:15	100
2				Yes	01/02/2024	09°00.004 N	031°29.861 W	05:05	100
3				Yes	02/02/2024	07°04.223 W	029°58.223 W	03:40	100
4				Yes	02/02/2024	07°01.35 N	030°00.498 W	02:25	100
5				Yes	03/02/2024	05°20.657 N	028°10.126 W	02:25	100
6				Yes	03/02/2024	05°19.808 N	028°11.7 W	02:35	100
7				Yes	06/02/2024	05°29.175 S	020°31.112 W	03:25	100
8				Yes	06/02/2024	05°27.225 S	020°35.227 W	03:00	100
9				Yes	07/02/2024	05°40.897 S	018°30.652 W	01:10	100
10				Yes	09/02/2024	08°04.435 S	010°29.429 W	01:45	100
11				Yes	10/02/2024	10°30.945 S	010°59.735 W	02:25	100
12				Yes	10/02/2024	10°28.543 S	011°02.22 W	03:30	100

Comments:

During the deployment all transhipments were fully monitored.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	144,780	145,378	14,530	14,622	0	0	0	0	159,310	160,000	690	0.43%
2	84,816	82,055	12,687	12,262	0	0	0	0	97,503	94,317	-3,186	-3.38%
3	49,200	50,810	0	0	0	0	0	0	49,200	50,810	1,610	3.17%
4	43,400	45,000	4,840	5,000	0	0	0	0	48,240	50,000	1,760	3.52%
5	50,650	50,000	0	0	0	0	0	0	50,650	50,000	-650	-1.30%
6	45,810	46,392	14,040	14,232	0	0	0	0	59,850	60,624	774	1.28%
7	67,000	66,399	1,040	985	0	0	0	0	68,040	67,384	-656	-0.97%
8	62,600	64,266	1,273	1,273	0	0	0	0	63,873	65,539	1,666	2.54%
9	25,400	25,744	0	0	0	0	0	0	25,400	25,744	344	1.34%
10	24,430	25,175	0	0	0	0	0	0	24,430	25,175	745	2.96%
11	53,400	54,731	0	0	0	0	0	0	53,400	54,731	1,331	2.43%
12	54,700	55,645	0	0	0	0	0	0	54,700	55,645	945	1.70%

Comments:

No transhipments had a difference larger than 10% between the declared and observed figures.

6 Species and weight transferred

The vessel contained 1400.76T of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Bigeye tuna	*Thunnus obesus*	All	706,186	93.58	711,595	93.63
Yellowfin tuna	*Thunnus albacares*	All	48,410	6.42	48,374	6.37

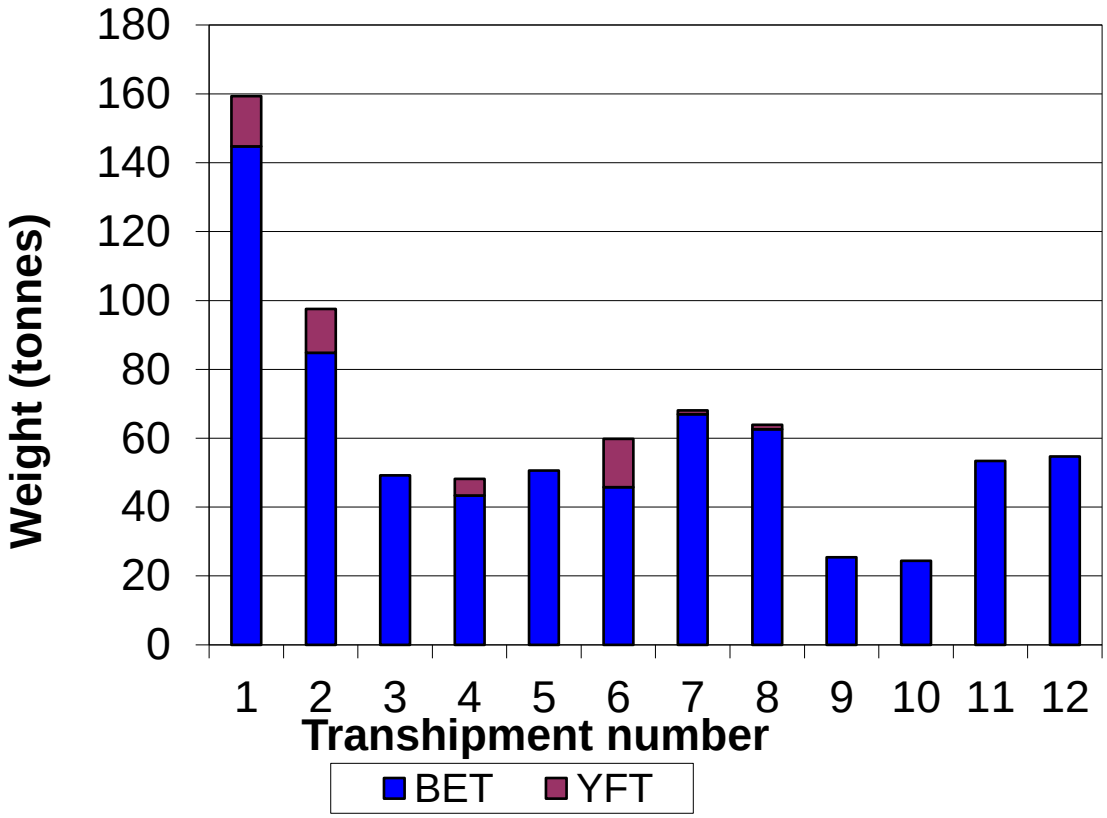

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Bigeye tuna	*Thunnus obesus*	48.86
Yellowfin tuna	*Thunnus albacares*	43.46

Comments:

All species were processed and frozen onboard the LSTLVs prior to transhipment to the CV.
All the fish in this deployment was transferred as gilled and gutted, 2 different species were transferred:
Bigeye tuna (*Thunnus obesus*) and Yellowfin tuna (*Thunnus albacares*).

All the fish was unloaded to the LSTLVs main deck prior to be transferred to the C/V hold so it was relatively easy to count one by one.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	711,595
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	48,374

Comments:

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									

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:

No southern bluefin tuna was transhipped during this deployment.

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			ATF					VMS		Logbooks		
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	31/01/24	Yes	Yes	Yes	Yes	Yes	12/10/24	Yes	Y	Yes	Yes	Yes	PB	30/01/2024
2			Yes	01/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	31/01/2024
3			Yes	02/02/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	01/02/2024
4			Yes	02/02/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	01/02/2024
5			Yes	03/02/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	02/02/2024
6			Yes	03/02/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	02/02/2024
7			Yes	06/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	06/02/2024
8			Yes	06/02/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	06/02/2024
9			Yes	07/02/24	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	06/02/2024
10			Yes	09/02/24	Yes	Yes	No	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	08/02/2024
11			Yes	10/02/24	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	08/02/2024
12			Yes	10/02/24	Yes	Yes	Yes	Yes	Yes	31/03/27	Yes	Y	Yes	Yes	Yes	PB	08/02/2024

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.

Comments.

Table 10 Comments on LSPLV checks

No	Comments
9	xxx IIM: LSPLV marking not displayed correctly. The name markings on the bow of the xxx were obscured by rust and algae and could not be read clearly. The consortium notified the CPC on 07/02/2024, the CPC responded on 19/02/2024 notifying the consortium that the vessel had been ordered to romove the fouling on the bow and provided pictures as evidence that it had been removed. xxx **Figure 3 xxx**

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

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
09			29209	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

Waste was stored in colour coded bins and all non-plastic waste was incinerated onboard. No MARPOL incidents were observed.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the trip.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

No marine mammals were sighted during this deployment.

10 Health and Safety on board the CV

No health and safety issues were observed, the CV performed Fire and abandon ship drills on 18/02/2024.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?	Yes *X*	No

ICCAT

Observer Report

Trip Number:	293/24
Vessel Name:	OCEAN STAR
ICCAT Ref. No.	AT000PAN00332
Observer Name:	OGUZHAN AYAZ
Cruise Dates:	From: 22/01/2024 To: 05/03/2024

1 Cruise Summary

In accordance with the bilateral agreement between Shandong Marine Group and consortium of MRAG and Capricorn Fisheries Monitoring cc, Oguzhan Ayaz (ROP no. 214) joined the Panama registered Carrier Vessel (CV) Ocean Star (AT000PAN00332) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 22/01/2024 to 05/03/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	Ocean Star	Call sign:	3E3345
Port of registration:	Panama	Flag State:	Panama
Owner:	Hongkong Xiang Kun Shipping Co., Limited	Charterer:	Shandong Marine Group
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5,040.68 m^3
Size (GRT):	5,566	Length (LOA):	117.52 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		592,512 kg (Loin processed weight)	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cesme, Turkiye
Date of embarkation	22/01/2024
Method of embarkation*	Portside
Date of departure	24/01/2024
Date of first transhipment	05/02/2024
Date of last transhipment	27/02/2024
Date of return	05/03/2024
Date of disembarkation	05/03/2024
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 18 transhipments at sea, the locations are shown in detail in

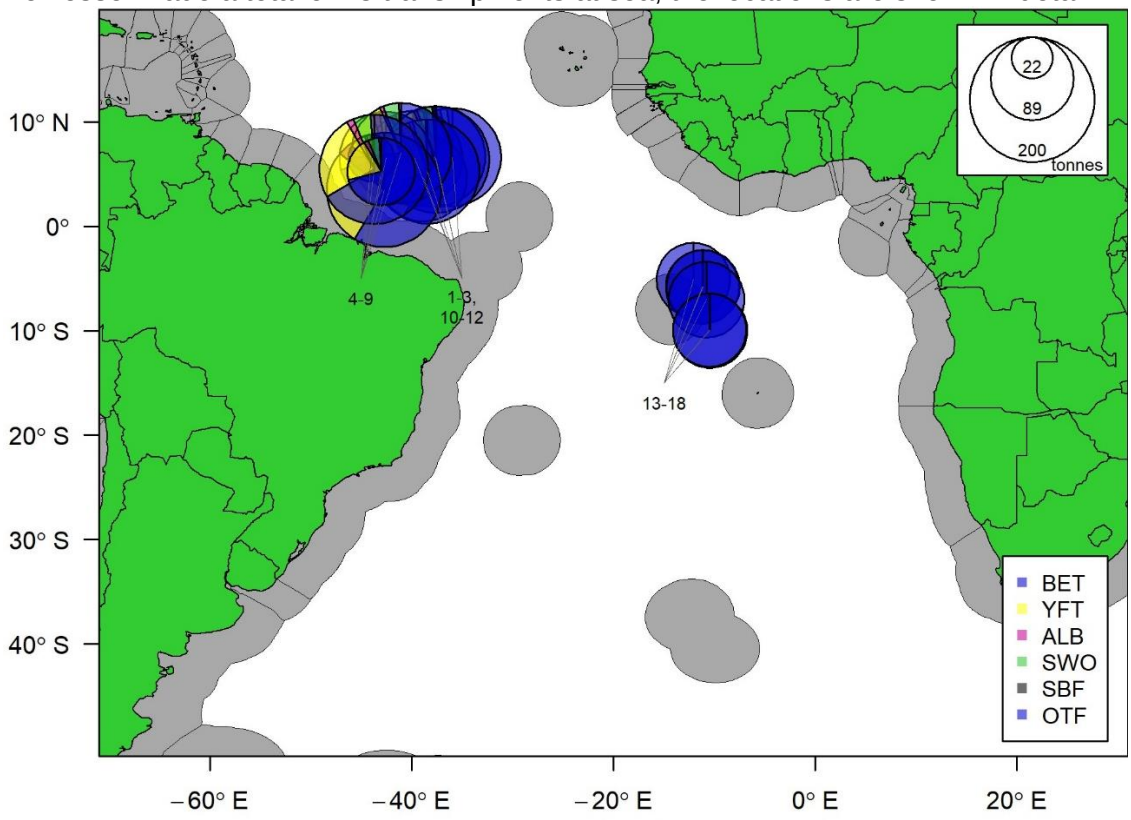

Figure 1, the numbers received by nationality of vessel are given in Table 1.

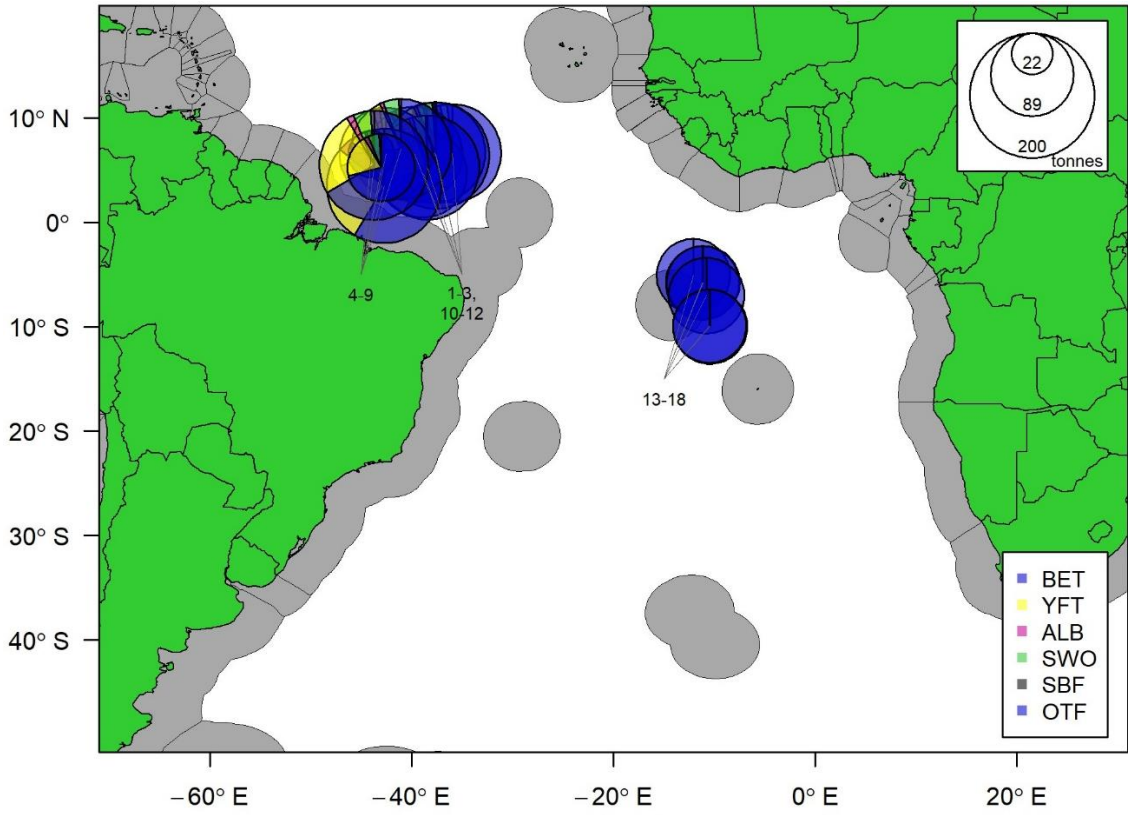

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	18

Comments: None.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				No	05/02/2024	06°37.601 N	035°59.241 W	11:25	100
2				No	06/02/2024	06°40.567 N	037°41.957 W	12:47	100
3				No	07/02/2024	06°30.523 N	039°43.203 W	11:40	100
4				No	08/02/2024	06°59.546 N	041°02.165 W	09:35	100
5				No	09/02/2024	06°31.396 N	042°32.85 W	10:40	100
6				No	11/02/2024	06°31.806 N	043°59.808 W	09:15	100
7				No	12/02/2024	05°26.561 N	043°44.637 W	08:40	100
8				No	13/02/2024	05°13.956 N	043°01.842 W	11:20	100
9				No	14/02/2024	03°28.7 N	042°44.656 W	14:05	100
10				No	16/02/2024	06°23.313 N	037°35.315 W	02:05	100
11				No	17/02/2024	05°14.867 N	038°27.69 W	16:05	100
12				No	18/02/2024	04°37.99 N	038°50.478 W	05:30	100
13				No	24/02/2024	05°06.179 S	012°05.862 W	04:25	100
14				No	25/02/2024	05°48.344 S	011°10.956 W	04:45	100
15				No	25/02/2024	05°46.66 S	011°06.859 W	03:30	100
16				No	26/02/2024	07°01.3 S	010°47.8 W	04:15	100
17				No	27/02/2024	09°59.528 S	010°25.933 W	04:50	100
18				No	27/02/2024	09°56.271 S	010°29.387 W	03:55	100

Comments: None of the LSPLVs were boarded by the observer due to a misunderstanding about the resumed vessel inspections after Covid. However, the logbooks and ATFs were requested from the LSPLVs and inspected by the observer on the CV Deck. The picture of the VMS devices were taken by the LSPLVs' Captains with the observer's camera

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	63,380	65,231	60,165	61,107	3,179	3,179	4,038	4,044	130,762	133,561	2.80	2.10
2	96,657	97,902	37,104	37,571	3,780	3,780	2,106	2,106	139,647	141,359	1.71	1.21
3	84,525	85,353	30,263	30,663	7,970	7,970	3,010	2,986	125,768	126,972	1.20	0.95
4	59,883	60,885	33,697	33,269	6,715	6,715	4,986	4,986	105,281	105,855	0.57	0.54
5	102,630	103,379	43,033	43,551	7,485	7,485	3,501	3,501	156,649	157,916	1.27	0.80
6	103,534	105,017	36,963	37,711	6,099	6,099	2,671	2,671	149,267	151,498	2.23	1.47
7	86,000	85,550	29,588	29,174	2,530	2,530	3,163	3,186	121,281	120,440	-0.84	-0.70
8	102,002	103,315	26,623	27,214	7,180	7,180	2,711	2,711	138,516	140,420	1.90	1.36
9	105,507	106,997	48,918	49,928	8,142	8,142	17,429	17,479	179,996	182,546	2.55	1.40
10	24,473	24,770	3,576	3,576	635	635	745	745	29,429	29,726	0.30	1.00
11	109,026	110,563	40,984	41,683	8,670	8,670	4,981	4,981	163,661	165,897	2.24	1.35
12	44,376	45,027	12,777	13,065	3,476	3,476	1,893	1,893	62,522	63,461	0.94	1.48
13	73,869	75,000	0	0	0	0	0	0	73,869	75,000	1.13	1.51
14	76,385	75,000	0	0	0	0	0	0	76,385	75,000	-1.39	-1.85
15	72,716	74,457	0	0	0	0	0	0	72,716	74,457	1.74	2.34
16	78,876	80,000	0	0	0	0	0	0	78,876	80,000	1.12	1.40
17	75,276	77,000	0	0	0	0	0	0	75,276	77,000	1.72	2.24
18	73,546	75,000	0	0	0	0	0	0	73,546	75,000	1.45	1.94

Comments: None

6 Species and weight transferred

The vessel contained 592,512 kg of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference s ource not found.**, a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage (%)	Declared weight	Declared Percentage (%)
Albacore	Thunnus alalunga	N	32,006	1.64	32,061	1.62
Atlantic blue marlin	Makaira nigricans	N	10,150	0.52	10,150	0.51
Atlantic sailfish	Istiophorus albicans	W	78	0.00	78	0.00
Bigeye tuna	Thunnus obesus	All	1,432,661	73.34	1,450,446	73.40
Narrow-barred Spanish mackerel	Scomberomorus commerson	NE	1,195	0.06	1,195	0.06
Narrow-barred Spanish mackerel	Scomberomorus commerson	NW	2,469	0.13	2,469	0.12
Oilfish	Ruvettus pretiosus	NE	1,849	0.09	1,849	0.09
Oilfish	Ruvettus pretiosus	NW	3,403	0.17	3,403	0.17
Opah	Lampris guttatus	NW	84	0.00	84	0.00
Swordfish	Xiphias gladius	N	65,861	3.37	65,861	3.33
Yellowfin tuna	Thunnus albacares	All	403,691	20.67	408,512	20.67

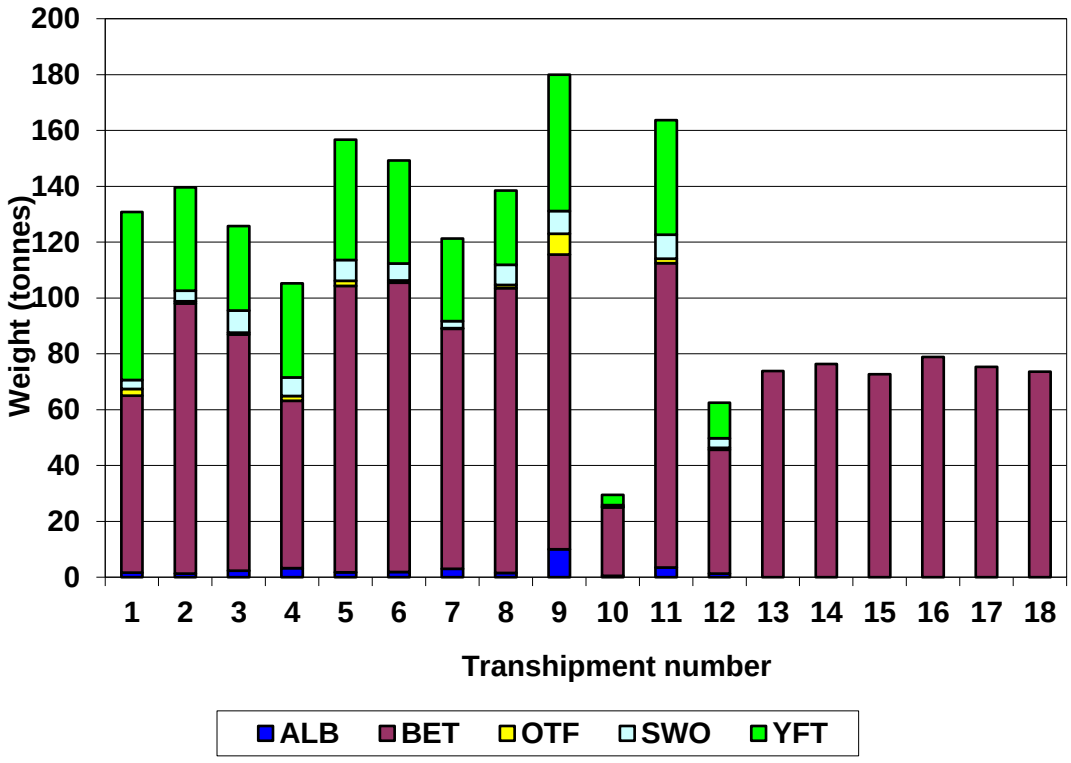

Figure 2. Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	25.28
Atlantic blue marlin	*Makaira nigricans*	69.05
Atlantic sailfish	*Istiophorus albicans*	19.50
Bigeye tuna	*Thunnus obesus*	44.83
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	15.66
Oilfish	*Ruvettus pretiosus*	16.67
Opah	*Lampris guttatus*	21.00
Swordfish	*Xiphias gladius*	52.23
Yellowfin tuna	*Thunnus albacares*	45.81

Comments:

T.obesus and *T.albacares* were the two main species transhipped during this deployment. The other transhipped species consisted of *X.gladius*, *T.alalunga, M.nigricans, R.pretiosus, S.commerson, L.guttatus* and *I.albicans* respectively.

The CV did not make use of hook scale, therefore the average weights that were provided in the LSPLV declarations were used by the observer to estimate the transhipped weights. Transhipments were carried out using a crane.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	Thunnus alalunga	Rounded Weight	32,061
Atlantic blue marlin	Makaira nigricans	Dressed weight	10,150
Atlantic sailfish	Istiophorus albicans	Head off	78
Bigeye tuna	Thunnus obesus	Gilled & gutted	1,450,446
Narrow-barred Spanish mackerel	Scomberomorus commerson	Dressed weight	275
Narrow-barred Spanish mackerel	Scomberomorus commerson	Head off	3,389
Oilfish	Ruvettus pretiosus	Head off	5,252
Opah	Lampris guttatus	Dressed weight	84
Swordfish	Xiphias gladius	Dressed weight	65,861
Yellowfin tuna	Thunnus albacares	Gilled & gutted	408,512

Comments:

All of the *T.obesus, T.albacares* were transhipped as Gilled & Gutted (GG) while *X.gladius, M.nigricans* and *L.guttatus* were transipped as Dressed (DR). *T.alalunga* was transhipped as Rounded weight (RD). Both *R.pretiosus* and *I.albicans* were transhipped as Head off (HO). *Scomberomorus commerson* was transhipped as both HO and DR.

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 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					

8 LSPLV Checks

Table 9 Summary of boarding reports from LSPLVs.

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	05/02/24	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	04/02/2025
2			N	06/02/24	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	05/02/2024
3			N	07/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	06/02/2024
4			N	08/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	07/02/2024
5			N	09/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	08/02/2024
6			N	11/02/24	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	10/02/2024
7			N	12/02/24	Y	Y	Y	Y	Y	31/03/28	Y	Y	Y	Y	Y	PB	11/02/2024
8			N	13/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	12/02/2024
9			N	14/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	13/02/2024
10			N	16/02/24	Y	Y	Y	Y	Y	31/03/26	Y	Y	Y	Y	Y	PB	15/02/2024
11			N	17/02/24	Y	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	16/02/2024
12			N	18/02/24	Y	Y	Y	Y	Y	31/03/28	Y	Y	Y	Y	Y	PB	17/02/2024
13			N	24/02/24	Y	Y	Y	Y	Y	31/03/27	Y	Y	Y	Y	Y	PB	23/02/2024
14			N	25/02/24	Y	Y	Y	Y	Y	31/03/27	Y	Y	Y	Y	Y	PB	24/02/2024
15			N	25/02/24	N	Y	Y	Y	Y	31/03/25	Y	Y	Y	Y	Y	PB	24/02/2024
16			N	26/02/24	Y	Y	Y	Y	Y	31/03/27	Y	Y	Y	Y	Y	PB	24/02/2024
17			N	27/02/24	Y	Y	Y	Y	Y	31/03/27	Y	Y	Y	Y	Y	PB	26/02/2024
18			N	27/02/24	Y	Y	Y	Y	Y	31/03/27	Y	Y	Y	Y	Y	PB	26/02/2024

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.

Comments: None.

Table 10 Comments on LSPLV checks

No	Comments
9	xxx The name markings on the stern of the xxx was inconsistent with the information available on the ATF. The marking was inscribed as xxx on the stern and recorded as xxx on the ATF. The markings on the bow of the vessel were correct. This has not been recorded as a PNC. . **Figure 3 LSPLV xxx Stern Markings**
15	xxx The name markings on the bow of the xxx partially worn by algae and could not be read clearly. The consortium received the following response from the CPC: "*After receiving your E-mail and its attachment, we informed the ship owner of xxx about the information.* *The ship manager asked the captain to clear the rusting and fouling immediately. The photos were taken as in the attachment for your reference"* **Figure 4 LSPLV xxx Bow Markings**

The observer made 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
15			29315	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

No waste discharge was observed during this deployment. Recyclable waste was separated and kept in five different coloured bins as shown in Figure 5. No MARPOL issues were observed during the deployment.

Figure 5 Recyclable Waste Bins

9.2 Unidentified or IUU vessels

No IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	English Name	Abundance	Behaviour
30/01/24	15:15	33°12.343' N	011°49.941' W	Delphinidae	Dolphins nei	2	Playing

10 Health and Safety on board the CV

No health and safety issues were observed during the deployment. The observer was able to work on the CV deck safely. Abandon ship and fire fighting safety drills were conducted by the CV on 01/02/2024.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	X	

Table 13 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
N/A						

No non-ROP transhipments were conducted during this deployment.

ICCAT

Observer Report

Trip Number:	**294-24**
Vessel Name:	**Harima**
ICCAT Ref. No.	**AT000PAN00235**
Observer Name:	**Johannes Visagie**
Cruise Dates:	**From: 28/01/2024 To: 22/04/2024**

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG and Capricorn Fisheries Monitoring cc, Johannes Visagie (012) joined the Panama registered Carrier Vessel (CV) Harima (AT000PAN00235) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/01/2024 to 22/04/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSPLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	Harima	Call sign:	3FLP5
Port of registration:	Panama	Flag State:	Panama
Owner:	Wang Tat Corporation PTE. LTD.	Charterer:	United Japan Corporation.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	8025 M^3
Size (GRT):	6586 tons	Length (LOA):	134.16 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		531,782 kg	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	28/01/2024
Method of embarkation*	Portside
Date of departure	28/01/2024
Date of first transhipment	02/02/2024
Date of last transhipment	23/03/2024
Date of return	22/04/2024
Date of disembarkation	22/04/2024
Method of disembarkation*	Transfer vessel in port.
Port of return	Singapore

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

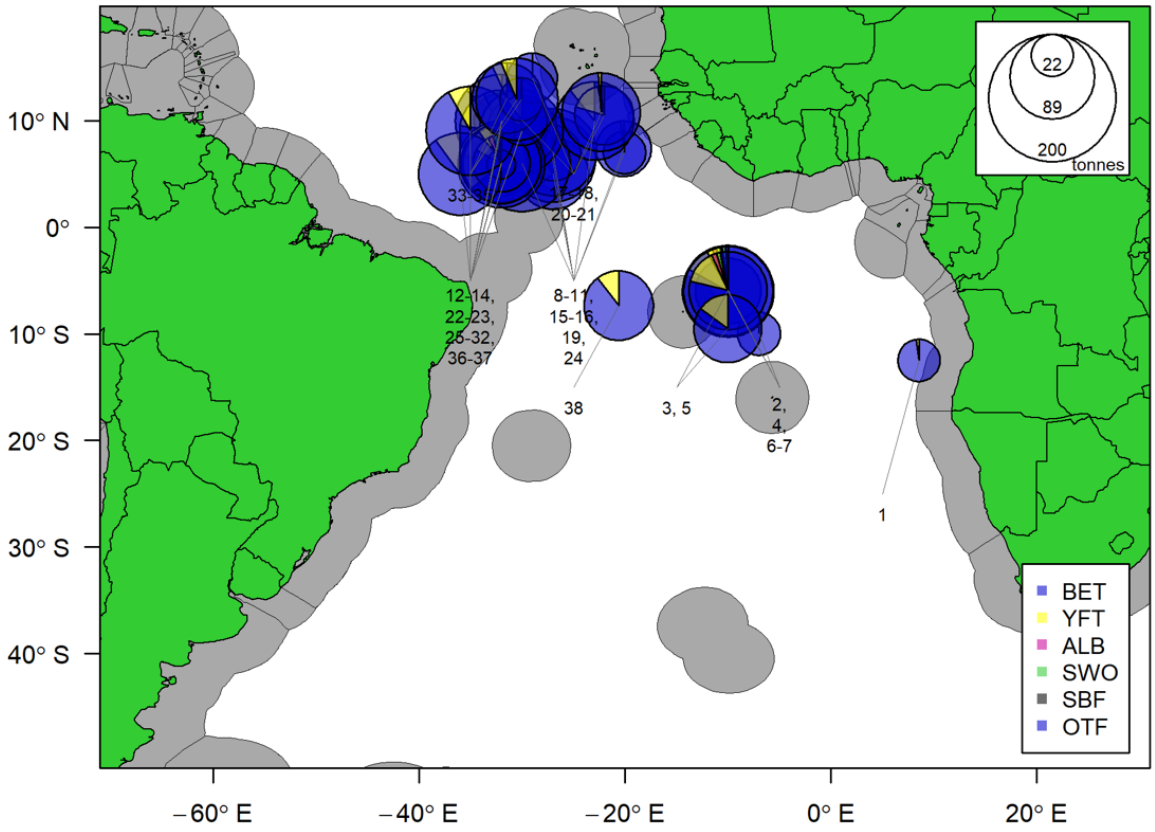

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	10
XXX	17
XXX	11

Comments:

The CV performed 10 non-ROP transhipments this voyage. One non-ROP in-port transhipment was performed in Port Sao Vincente, and the other 9 were performed at sea. Additional information of the non-ROP transhipments is provided in Tables 13 and 14.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Tranship time	% Observed
1				Yes	02/02/24	12°28.81 S	008°32.77 E	03:55	100.00%
2				Yes	06/02/24	09°58.96 S	007°00.09 W	06:10	100.00%
3				Yes	07/02/24	09°30.07 S	010°01.73 W	05:05	100.00%
4				Yes	08/02/24	05°59.99 S	009°59.52 W	02:50	100.00%
5				Yes	08/02/24	05°56.17 S	010°00.29 W	02:35	100.00%
6				Yes	09/02/24	05°59.4 S	009°58.8 W	01:20	100.00%
7				Yes	09/02/24	05°57.95 S	009°59.64 W	04:45	100.00%
8				Yes	14/02/24	05°01.24 N	027°00.22 W	04:30	100.00%
9				Yes	15/02/24	06°22.05 N	027°01.02 W	06:45	100.00%
10				Yes	16/02/24	07°01.77 N	026°58.14 W	01:45	100.00%
11				Yes	16/02/24	06°57.52 N	026°59.83 W	02:55	100.00%
12				Yes	18/02/24	08°59.84 N	032°03.75 W	01:40	100.00%
13				Yes	19/02/24	09°59.05 N	031°57.8 W	04:25	100.00%
14				Yes	20/02/24	09°59.51 N	031°59.64 W	04:30	100.00%
15				Yes	23/02/24	07°00.32 N	020°03.37 W	02:55	100.00%
16				Yes	24/02/24	07°22.33 N	020°08.29 W	05:50	100.00%
17				Yes	25/02/24	10°30.14 N	022°01.87 W	06:20	100.00%
18				Yes	26/02/24	10°48.21 N	022°19.58 W	05:35	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
19				Yes	27/02/24	09°59.14 N	022°56.66 W	05:35	100.00%
20				Yes	03/03/24	14°00.15 N	028°59.12 W	02:55	100.00%
21				Yes	04/03/24	10°01.08 N	029°59.21 W	00:45	100.00%
22				Yes	05/03/24	09°01.24 N	030°00.58 W	05:20	100.00%
23				Yes	06/03/24	09°00.85 N	030°03.62 W	04:50	100.00%
24				Yes	08/03/24	05°57.97 N	029°59.3 W	02:35	100.00%
25				Yes	09/03/24	06°05.85 N	031°58.48 W	06:00	100.00%
26				Yes	09/03/24	05°57.97 N	032°03.31 W	02:00	100.00%
27				Yes	10/03/24	06°00.01 N	031°59.14 W	02:40	100.00%
28				Yes	10/03/24	05°54.61 N	032°00.94 W	03:40	100.00%
29				Yes	11/03/24	05°58.12 N	031°59.35 W	01:40	100.00%
30				Yes	11/03/24	05°53.79 N	032°00.63 W	03:50	100.00%
31				Yes	12/03/24	05°57.48 N	031°59.37 W	01:50	100.00%
32				Yes	12/03/24	05°52.8 N	032°02.97 W	03:10	100.00%
33				Yes	14/03/24	11°59.84 N	030°30.21 W	06:40	100.00%
34				Yes	15/03/24	12°07.17 N	031°28.1 W	05:50	100.00%
35				Yes	16/03/24	11°59.98 N	030°04.76 W	04:10	100.00%
36				Yes	18/03/24	09°03.12 N	035°00.5 W	03:45	100.00%
37				Yes	19/03/24	04°59.97 N	036°02.54 W	03:35	100.00%
38				Yes	23/03/24	07°20.77 S	020°37.07 W	01:25	100.00%

Comments: The observer did not experience any difficulties and was able to observe the full duration of all transhipments conducted during the voyage. The CV only conducted transhipments during day time. This gave enough time to observer the transhipments and to perform the administrative duties after the day's transhipments.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
1	53.599	52.884	21.949	22.054	5.277	2.879	4.988	4.509	85.813	82.326	-3.49	-4.24%
2	124.242	118.457	0.72	0.617	0	0	0	0	124.962	119.074	-5.89	-4.94%
3	121.111	121.688	1.281	1.21	0	0	0	0	122.392	122.898	0.51	0.41%
4	48.622	49	1.266	1.036	0	0	0	0	49.888	50.036	0.15	0.30%
5	48.424	49.129	0.82	0.871	0	0	0	0	49.244	50	0.76	1.51%
6	28.461	28.907	0.498	0.448	0	0	0	0	28.959	29.355	0.40	1.35%
7	153.1	148.462	1.384	1.538	0	0	0	0	154.484	150	-4.48	-2.99%
8	92.782	89.386	10.739	10.739	0	0	0	0	103.521	100.125	-3.40	-3.39%
9	126.812	122.081	19.34	19.211	0	0	0	0	146.152	141.292	-4.86	-3.44%
10	50.805	50	0	0	0	0	0	0	50.805	50	-0.81	-1.61%
11	53.905	54.769	9.532	9.859	0	0	0	0	63.437	64.628	1.19	1.84%
12	34.609	36.173	3.716	3.932	0	0	0	0	38.325	40.105	1.78	4.44%
13	84.384	85.107	17.464	17.64	7.767	7.533	0	0	109.615	110.28	0.67	0.60%
14	86.911	87.787	6.743	5.984	9.778	10.477	0	0	103.432	104.248	0.82	0.78%
15	50.589	52.566	24.857	26.348	0.649	0.937	0.057	0.057	76.152	79.908	3.76	4.70%
16	52.924	53.712	56.917	57.977	1.429	0.804	0.946	0.984	112.216	113.477	1.26	1.11%
17	82.56	96.792	19.848	19.677	5.52	5.724	0.688	0.71	108.616	122.903	14.29	11.62%
18	61.142	62.92	33.876	34.97	0.719	0.387	0	0	95.737	98.277	2.54	2.58%
19	94.132	94.986	6.323	6.492	1.013	1.1	1.954	2.354	103.422	104.932	1.51	1.44%
20	29.756	44.019	4.195	4.955	2.807	1.72	2.011	2.456	38.769	53.15	14.38	27.06%
21	11.786	13.307	0.334	0.286	0	0	0	0	12.12	13.593	1.47	10.84%
22	96.957	100	11.164	11	0	0	0	0	108.121	111	2.88	2.59%
23	111.213	118.222	9.284	10.778	0	0	0	0	120.497	129	8.50	6.59%
24	44.781	45.399	9.571	9.442	1.102	0.652	1.421	1.421	56.875	56.914	0.04	0.07%
25	98.866	98.865	1.125	1.125	0	0	0	0	99.991	99.99	0.00	0.00%
26	39.116	36.143	3.167	4.28	0	0	0	0	42.283	40.423	-1.86	-4.60%
27	40.658	40.6	0	0	0	0	0	0	40.658	40.6	-0.06	-0.14%

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
28	74.485	74.485	5.48	5.48	0	0	0	0	79.965	79.965	0.00	0.00%
29	30	30	0	0	0	0	0	0	30	30	0.00	0.00%
30	102.974	102.974	7.106	7.106	0	0	0	0	110.08	110.08	0.00	0.00%
31	29.4	30.305	0	0	0	0	0	0	29.4	30.305	0.91	2.99%
32	66.816	70	0	0	0	0	0	0	66.816	70	3.18	4.55%
33	114.587	113.353	15.921	15.31	2.31	1.857	6.021	5.954	138.839	136.474	-2.37	-1.73%
34	120.904	119.991	6.821	6.456	1.779	1.779	1.958	1.883	131.462	130.109	-1.35	-1.04%
35	80.892	78.595	14.274	14.066	1.571	1.511	5.566	5.366	102.303	99.538	-2.76	-2.78%
36	69.442	63.659	11.234	11.294	0	0	0	0	80.676	74.953	-5.72	-7.64%
37	69.999	70.359	7.768	8.197	0	0	0	0	77.767	78.556	0.79	1.00%
38	30.365	28.449	0.61	0.651	0	0	0	0	30.975	29.1	-1.88	-6.44%

Comments:

The amounts estimated by the observer for transhipments 17, 20 and 21 were all at least 10% less than the declared amounts. The observer checked with the captain of the CV if he was aware of any reason for the difference. The master agreed the amounts received appeared to be less than the declared amounts, based on the volume occupied in the CV hold.

6 Species and weight transferred

The vessel contained 531.782 t tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference s ource not found.**, a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (t)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	N	0.00	0.00%	6.71	0.21%
Albacore	*Thunnus alalunga*	Unk	6.57	0.21%	0.00	0.00%
Atlantic blue marlin	*Makaira nigricans*	N	0.00	0.00%	12.36	0.39%
Atlantic blue marlin	*Makaira nigricans*	S	0.00	0.00%	4.51	0.14%
Atlantic blue marlin	*Makaira nigricans*	Unk	17.02	0.54%	0.00	0.00%
Atlantic sailfish	*Istiophorus albicans*	E	0.00	0.00%	0.15	0.00%
Atlantic sailfish	*Istiophorus albicans*	N	0.00	0.00%	0.01	0.00%
Atlantic sailfish	*Istiophorus albicans*	Unk	0.20	0.01%	0.00	0.00%
Bigeye tuna	*Thunnus obesus*	All	0.00	0.00%	2733.53	86.84%
Bigeye tuna	*Thunnus obesus*	Unk	2712.11	86.79%	0.00	0.00%
Dolphinfish	*Coryphaena hippurus*	Unk	0.05	0.00%	0.00	0.00%
Longbill spearfish	*Tetrapturus pfluegeri*	N	0.00	0.00%	0.01	0.00%
Marlins, sailfishes, etc. nei	*Istiophoridae*	Unk	0.04	0.00%	0.00	0.00%
Opah	*Lampris guttatus*	Unk	0.09	0.00%	0.00	0.00%
Other fish Unclassified	*N/A*	All	0.00	0.00%	1.94	0.06%
Other fish Unclassified	*N/A*	Unk	1.46	0.05%	0.00	0.00%
Swordfish	*Xiphias gladius*	N	0.00	0.00%	21.96	0.70%
Swordfish	*Xiphias gladius*	S	0.00	0.00%	15.40	0.49%
Swordfish	*Xiphias gladius*	Unk	41.72	1.34%	0.00	0.00%
Wahoo	*Acanthocybium solandri*	Unk	0.20	0.01%	0.00	0.00%
Yellowfin tuna	*Thunnus albacares*	All	0.00	0.00%	351.03	11.15%
Yellowfin tuna	*Thunnus albacares*	Unk	345.33	11.05%	0.00	0.00%

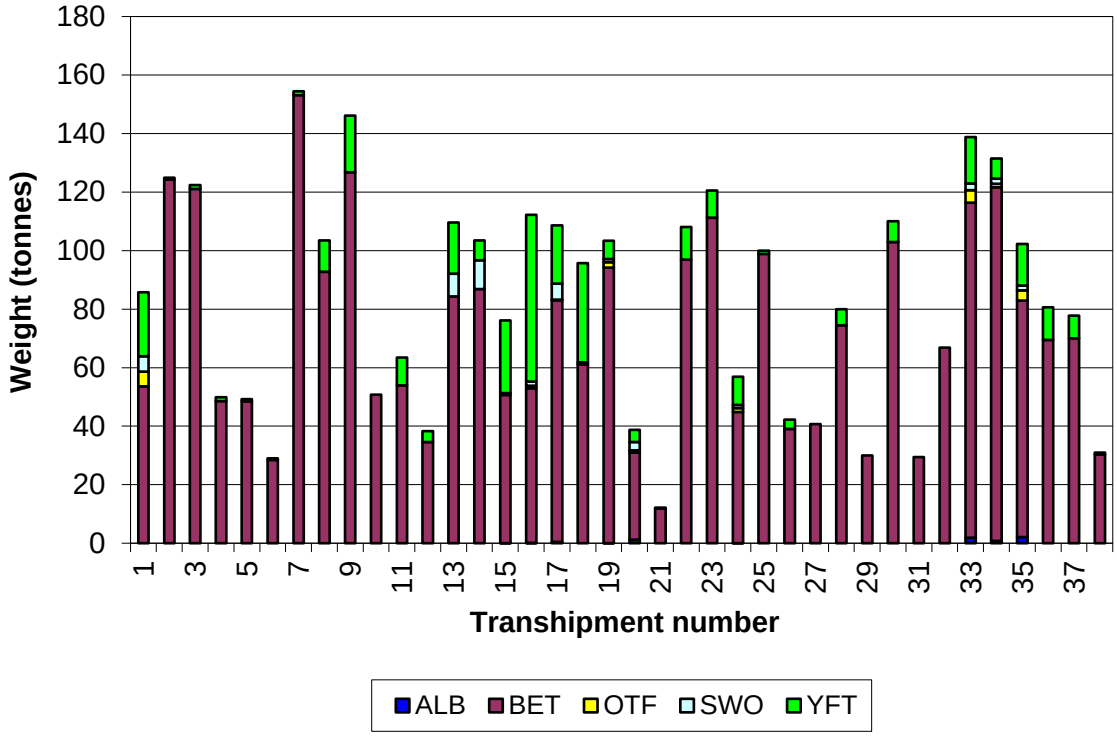

Figure 2 Proportions, by weight, of fish species transferred by transhipment.

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	23.47
Atlantic blue marlin	*Makaira nigricans*	113.46
Atlantic sailfish	*Istiophorus albicans*	15.00
Bigeye tuna	*Thunnus obesus*	50.05
Dolphinfish	*Coryphaena hippurus*	9.20
Marlins ,sailfishes, etc. nei	*Istiophoridae*	11.67
Opah	*Lampris guttatus*	7.25
Other fish Unclassified	*N/A*	22.49
Swordfish	*Xiphias gladius*	40.90
Wahoo	*Acanthocybium solandri*	9.29
Yellowfin tuna	*Thunnus albacares*	43.06

Comments:

The observer used the weight and numbers for each respective species to calculate the average weight per fish of the species.

Two transhipments methos were utilised during the voyage – the fish were either hauled directly from the hold of the LSPLV to the hold of the CV by means of the CV crane or the fish was first hauled to the deck of the LSPLV by means of the LSPLV winches before the strings were assembled on deck and hauled to the CV hold of the CV.

The second, indirect transhipment method allowed more opportunity for the observer to obtain accurate species and volume estimations. The transhipments where the fish were

hauled directly were more difficult to observe due to the limited timed available to view the fish.

The CV did not make use of a hook scale.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	6,709.00
Atlantic blue marlin	*Makaira nigricans*	Dressed weight	8,161.00
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	8,712.00
Atlantic sailfish	*Istiophorus albicans*	Dressed weight	163.00
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	2,733,531.00
Longbill spearfish	*Tetrapturus pfluegeri*	Dressed weight	10.00
Other fish Unclassified	*N/A*	Dressed weight	389.00
Other fish Unclassified	*N/A*	Fillet	50.00
Other fish Unclassified	*N/A*	Other	1,500.00
Swordfish	*Xiphias gladius*	Dressed weight	23,728.00
Swordfish	*Xiphias gladius*	Fillet	13,632.00
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	351,029.00

Comments:
T. obesus and *T. albacares* were always gilled and gutted, *T. alalunga* aways round (whole with fins trimmed). *X. gladius* alternated between dressed and fillet, with the larger fish typically being filleted.

All other unclassified species were observed as dressed or filleted. Frozen blocks of tuna pieces were also observed.

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									

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: No Southern bluefin tuna *(Thunnus maccoyii)* was transhipped.

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

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
18			Yes	26/02/24	Yes	Yes	Yes	Yes	Yes	31/07/24	Yes	Y	Yes	Yes	Yes	PB	25/02/24
19			Yes	27/02/24	Yes	Yes	Yes	Yes	Yes	30/07/27	Yes	Y	Yes	Yes	Yes	EL	26/02/24
20			Yes	03/03/24	Yes	Yes	Yes	Yes	Yes	30/07/24	Yes	Y	Yes	Yes	Yes	EL	02/03/24
21			Yes	04/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	02/03/24
22			Yes	05/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	03/03/24
23			Yes	06/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	05/03/24
24			Yes	08/03/24	Yes	Yes	Yes	Yes	Yes	31/07/24	Yes	Y	Yes	Yes	Yes	PB	07/03/24
25			Yes	09/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	08/03/24
26			Yes	09/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	07/03/24
27			Yes	10/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	09/03/24
28			Yes	10/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	08/03/24
29			Yes	11/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	10/03/24
30			Yes	11/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	10/03/24
31			Yes	12/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	10/03/24
32			Yes	12/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	11/03/24
33			Yes	14/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	13/03/24
34			Yes	15/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	13/03/24
35			Yes	16/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Y	Yes	Yes	Yes	EL	14/03/24
36			Yes	18/03/24	Yes	Yes	Unk	Yes	Yes	31/03/26	Yes	Y	Yes	Yes	Yes	PB	17/03/24
37			Yes	19/03/24	Yes	Yes	Unk	Yes	Yes	31/03/25	Yes	Y	Yes	Yes	Yes	PB	18/03/24
38			Yes	23/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Y	Yes	Yes	Yes	PB	23/03/24

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.

All LSPLV inspections were conducted without any incidents. The CV captain notified LSPLVs in advance, requesting the relevant documents to be at hand for the inspection. All LSPLVs provided an in-date Authorisation to Fish (ATF) and Authorisation to Tranship (ATT) documents onboard

Table 10 Comments on LSPLV checks

No	Comments
25	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
26	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
27	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
28	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
29	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
31	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.
32	The NRN was not displayed on the LSPLV or the ATF and consequently this could not be verified.

The observer made no Potential Non-Compliance (PNC) reports summarised below in Table 11.

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

The CV had an efficient waste management system onboard. All waste were segregated into different categories for example, metals, glass and consumables (paper, plastic and Styrofoam). Waste bins for the different types of waste were present in both mess rooms onboard the vessel. All waste from other areas in the vessel were segregated by hand, engine room waste were stored separately. There was a large waste storage area on the starboard, stern quarter on the vessel. All waste accumulated during the voyage were retained onboard for disposal in port. Biodegradable galley waste was discarded at sea.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were noted during this voyage.

9.3 Marine mammals.

No marine mammals were sighted during the voyage.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

The observer had no health and safety concerns onboard this CV. Muster lists were displayed throughout the vessel and the observer was given a copy on boarding the vessel. The crew operated in a safe and professional manner. The captain and officers were vigilant to all activities onboard and reminded crew on the importance of health and safety.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	X	

Appendices

Table 13 Non-ROP Transhipments at sea

Vessel	RFMO Number	Date	Lat	Lon	Baits	Food	Fuel	Goods
		18/02/24	09°03.47 N	031°59.19 W	X	X		X
		21/02/24	09°20.84 N	029°13.06 W				X
		27/02/24	09°59.95 N	022°56.08 W				X
		07/03/24	05°58.08 N	030°00.61 W	X	X		X
		07/03/24	05°56.31 N	030°01.11 W	X	X		X
		07/03/24	05°54.35 N	030°02.11 W	X	X		X
		08/03/24	05°54.77 N	030°02.47 W	X	X		X
		08/03/24	05°53.88 N	030°03.16 W	X	X		X
		17/03/24	10°57.63 N	033°05.89 W			X	X

Table 14 In-port transhipment in Sao Vincente

Vessel	RFMO Number	Date	ALB	BET	BUM	OTF	SWO	YFT	Total weight (T)
		01/03/24	0.743	95.524	1.794	0.21	1.143	16.682	116.096

MARPOL Incidents.

Transhipment 25 09/03/2024 06:30 – 12:30, 06° 05.85 N / 031° 58.48 W, XXX.

- Multiple pieces of non-biodegradable waste were discarded by the LSPLV crew during the period mentioned above. Waste was discarded continuously during the transhipping process. The items dumped in to the sea included plastic water bottles, plastic bags, cigarette buts and a plastic shampoo bottle.

Transhipment 32 12/03/2024 12:40 – 15:50, 05° 52.80 N / 032° 02.97 W, XXX.

- Two pieces of non-biodegradable waste were discarded during the period mentioned above. One plastic water bottle and one plastic shampoo bottle.

ICCAT

Observer Report

Trip Number:	296-24
Vessel Name:	Ibuki
ICCAT Ref. No.	AT000JPN00163
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 28/02/2024 To: 04/05/2024

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and the consortium of MRAG and Capricorn Fisheries Monitoring cc, Peter Johann Beets (ROP no.152) joined the Panama registered Carrier Vessel (CV) Ibuki (AT000JPN00163) as the ROP observer, monitoring the transhipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/02/2024 to 04/05/2024.

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

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

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

2 Carrier Vessel details

Vessel name:	Ibuki	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation SA	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3800 t (8043 m^3)
Size (GRT):	6558 t	Length (LOA):	134.15 m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		No	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	28/02/2024
Method of embarkation*	Portside
Date of departure	28/02/2024
Date of first transhipment	05/03/2024
Date of last transhipment	27/04/2024
Date when CV exited from the ICCAT area to Indian Ocean	04/05/2024
Date of return	25/05/2024
Date of disembarkation	25/05/2024
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

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

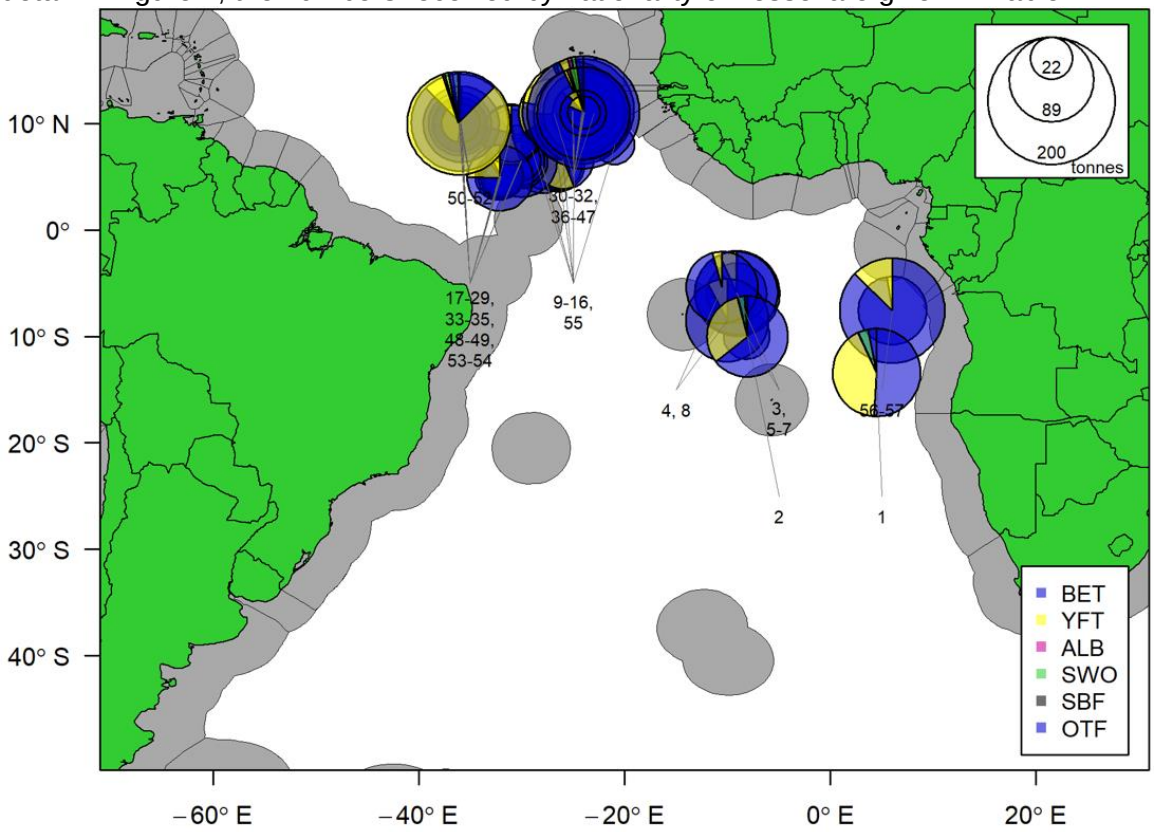

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx.	15
xxx	23
xxx	19

Comments:

The CV 12 non-ROP transhipments, providing supplies to LSPLVs. Details pertaining to the non-ROP transhipments are summarised 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	05/03/24	13°22.744 S	004°29.459 E	00:46	100.00%
2				Yes	08/03/24	10°00.17 S	008°03.917 W	01:45	100.00%
3				Yes	08/03/24	09°57.332 S	008°08.532 W	01:35	100.00%
4				Yes	09/03/24	08°28.529 S	010°02.243 W	00:57	100.00%
5				Yes	10/03/24	05°57.845 S	009°03.782 W	01:00	100.00%
6				Yes	10/03/24	05°55.719 S	009°06.355 W	00:50	100.00%
7				Yes	10/03/24	05°54.255 S	009°08.111 W	01:21	100.00%
8				Yes	11/03/24	05°24.721 S	010°31.748 W	01:14	100.00%
9				Yes	15/03/24	08°00.277 N	020°58.025 W	01:20	100.00%
10				Yes	16/03/24	08°55.78 N	024°54.18 W	03:30	100.00%
11				Yes	17/03/24	06°01.801 N	026°27.24 W	01:45	100.00%
12				Yes	17/03/24	05°58.184 N	026°28.209 W	01:10	100.00%
13				Yes	18/03/24	05°59.613 N	028°00.414 W	00:48	100.00%
14				Yes	18/03/24	05°57.547 N	028°01.684 W	01:21	100.00%
15				Yes	19/03/24	07°28.397 N	028°58.603 W	00:17	100.00%
16				Yes	19/03/24	07°27.256 N	028°59.61 W	01:12	100.00%
17				Yes	20/03/24	06°29.09 N	030°01.515 W	01:10	100.00%
18				Yes	20/03/24	06°27.118 N	030°03.601 W	01:27	100.00%
19				No	20/03/24	06°25.643 N	030°05.178 W	00:33	100.00%
20				No	20/03/24	06°24.711 N	030°06.365 W	00:40	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
21				Yes	21/03/24	05°01.263 N	032°02.08 W	00:54	100.00%
22				Yes	21/03/24	05°00.293 N	032°05.362 W	01:25	100.00%
23				Yes	21/03/24	04°58.6 N	032°09.315 W	02:24	100.00%
24				Yes	21/03/24	04°57.975 N	032°16.089 W	01:53	100.00%
25				Yes	22/03/24	05°00.65 N	031°58.952 W	02:06	100.00%
26				Yes	22/03/24	04°58.375 N	032°03.829 W	02:03	100.00%
27				Yes	22/03/24	04°54.74 N	032°07.444 W	02:18	100.00%
28				Yes	23/03/24	04°57.871 N	032°03.006 W	01:21	100.00%
29				Yes	23/03/24	04°52.835 N	032°07.018 W	02:18	100.00%
30				Yes	25/03/24	10°54.913 N	026°52.934 W	05:57	100.00%
31				Yes	26/03/24	11°16.649 N	024°01.23 W	03:15	100.00%
32				Yes	26/03/24	11°14.158 N	024°07.628 W	05:33	100.00%
33				Yes	31/03/24	09°03.138 N	030°58.619 W	01:59	100.00%
34				Yes	31/03/24	09°00.325 N	031°00.019 W	01:27	100.00%
35				Yes	31/03/24	08°58.181 N	031°00.83 W	02:39	100.00%
36				Yes	02/04/24	11°02.482 N	024°00.845 W	03:20	100.00%
37				No	04/04/24	10°56.639 N	022°56.823 W	02:40	100.00%
38				No	06/04/24	11°10.955 N	025°03.334 W	05:24	100.00%
39				No	06/04/24	11°08.274 N	025°05.695 W	01:48	100.00%
40				No	07/04/24	11°02.132 N	023°57.793 W	03:26	100.00%
41				No	07/04/24	10°58.059 N	024°00.766 W	08:10	0.00%
42				No	08/04/24	10°58.758 N	024°01.539 W	07:30	100.00%
43				No	09/04/24	11°03.838 N	023°54.004 W	01:15	100.00%
44				No	09/04/24	11°01.476 N	023°56.194 W	00:33	100.00%
45				No	09/04/24	10°59.997 N	023°56.976 W	01:00	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
46				No	10/04/24	10°44.049 N	024°07.988 W	05:42	100.00%
47				No	11/04/24	10°58.051 N	023°59.299 W	05:36	100.00%
48				Yes	14/04/24	09°56.047 N	035°52.808 W	01:18	100.00%
49				No	14/04/24	09°51.248 N	035°55.549 W	04:00	100.00%
50				No	15/04/24	10°05.402 N	036°01.895 W	02:39	100.00%
51				No	15/04/24	10°00.787 N	036°07.833 W	04:57	100.00%
52				No	16/04/24	10°02.347 N	035°55.607 W	04:42	100.00%
53				No	16/04/24	09°57.409 N	036°00.902 W	03:18	100.00%
54				No	16/04/24	09°54.129 N	036°04.106 W	02:33	100.00%
55				No	19/04/24	06°40.52 N	025°57.07 W	05:51	100.00%
56				No	27/04/24	07°34.004 S	006°01.727 E	03:57	100.00%
57				No	27/04/24	07°33.529 S	006°00.639 E	05:36	100.00%

Comments:

Transhipment 41 was not observed due to observer illness.

Transhipment 19-20:

The LSPLV was not boarded due as the master of the CV considered the sea conditions as unsafe for the transfer of the observer. The relevant documents were passed to the observer and the LSPLV master photographed the position and VMS unit on the observer's behalf.

Transhipment 37-57:

The CV master instructed the observer not to board any LSPLVs because the observer was ill. The observer's health eventually improved by transhipment 48, but the captain insisted that the observer ceased all boarding activity because illness had spread to most of the carrier vessel's crew complement and the captain did not want to risk transferring any illness to LSPLVs.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	16.988	16.733	3.125	3.078	0.108	0.126	1.688	1.79	21.909	21.727	-0.18	-0.84%
2	37.847	37.847	0.197	0.197	0	0	0	0	38.044	38.044	0.00	0.00%
3	36.078	36.914	0.582	0.595	0	0	0	0	36.66	37.509	0.85	2.26%
4	29.626	30.565	0	0	0	0	0	0	29.626	30.565	0.94	3.07%
5	39.326	40	1.249	1.27	0	0	0	0	40.575	41.27	0.70	1.68%
6	26.834	26.941	0.828	0.831	0	0	0	0	27.662	27.772	0.11	0.40%
7	26.847	26.684	0.759	0.754	0	0	0	0	27.606	27.438	-0.17	-0.61%
8	38.907	40.397	0	0	0	0	0	0	38.907	40.397	1.49	3.69%
9	20.06	22.486	17.119	28.334	0	0	0	0	37.179	50.82	13.64	26.84%
10	68.992	68.559	2.997	2.978	0	0	0	0	71.989	71.537	-0.45	-0.63%
11	35.491	34.913	4.939	4.859	0	0	0	0	40.43	39.772	-0.66	-1.65%
12	32.038	31.867	0	0	0	0	0	0	32.038	31.867	-0.17	-0.54%
13	18.899	19.337	1.681	1.72	0	0	0	0	20.58	21.057	0.48	2.27%
14	12.066	12.338	1.704	1.742	8.484	7.918	0	0	22.254	21.998	-0.26	-1.16%
15	13.594	13.754	0.269	0.272	0	0	0	0	13.863	14.026	0.16	1.16%
16	26.513	26.91	2.504	2.542	0	0	0	0	29.017	29.452	0.43	1.48%
17	26.933	26.837	2.86	2.85	0	0	0	0	29.793	29.687	-0.11	-0.36%
18	18.446	18.446	2.796	2.796	6.492	6.553	0	0	27.734	27.795	0.06	0.22%
19	10.314	10.425	3.065	3.098	0	0	0	0	13.379	13.523	0.14	1.06%
20	17.389	17.297	1.991	1.98	0	0	0	0	19.38	19.277	-0.10	-0.53%
21	22.604	22.604	1.953	1.953	0	0	0	0	24.557	24.557	0.00	0.00%
22	30.302	30.156	3.521	3.504	0	0	0	0	33.823	33.66	-0.16	-0.48%
23	25.514	22.547	31.468	27.809	0	0	0	0	56.982	50.356	-6.63	-13.16%
24	27.645	30	9.215	10	0	0	0	0	36.86	40	3.14	7.85%
25	34.24	35.753	8.911	9.305	0	0	0	0	43.151	45.058	1.91	4.23%
26	42.422	45.262	13.86	14.788	0	0	0	0	56.282	60.05	3.77	6.27%
27	49.964	48.901	6.619	6.478	0	0	0	0	56.583	55.379	-1.20	-2.17%

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
28	34.191	37.853	2.596	2.874	0	0	0	0	36.787	40.727	3.94	9.67%
29	75.35	75.15	4.863	4.85	0	0	0	0	80.213	80	-0.21	-0.27%
30	126.846	130.047	7.595	7.787	2.258	1.51	2.878	3.753	139.577	143.097	3.52	2.46%
31	43.952	45.189	22.227	22.853	0.279	0.355	0.084	0.167	66.542	68.564	2.02	2.95%
32	108.541	107.53	22.076	21.87	1.899	1.186	6.143	7.625	138.659	138.211	-0.45	-0.32%
33	56.298	57.096	2.322	2.355	0	0	0	0	58.62	59.451	0.83	1.40%
34	40.201	40.845	1.073	1.09	0	0	0	0	41.274	41.935	0.66	1.58%
35	49.106	49.228	0.77	0.772	0	0	0	0	49.876	50	0.12	0.25%
36	51.439	53.026	42.27	43.574	1.022	1.086	0.054	0.242	94.785	97.928	3.14	3.21%
37	34.139	35.185	20.867	21.507	1.288	0.644	0.028	0.085	56.322	57.421	1.10	1.91%
38	99.655	98.197	26.111	25.729	1.915	1.147	4.181	4.458	131.862	129.531	-2.33	-1.80%
39	44.012	45.47	5.253	5.427	1.001	0.58	0.597	0.597	50.863	52.074	1.21	2.33%
40	85.505	88.162	2.226	2.295	2.094	1.448	1.554	1.554	91.379	93.459	2.08	2.23%
41	0	163.088	0	4.742	0	1.988	0	6.009	0	175.827	175.83	100.00%
42	116.73	110.915	1.407	1.337	5.501	3.137	3.269	3.757	126.907	119.146	-7.76	-6.51%
43	26.381	26.124	1.955	1.936	0.858	0.547	0.637	0.796	29.831	29.403	-0.43	-1.46%
44	12.342	11.943	2.074	2.007	0.33	0.236	0.514	0.514	15.26	14.7	-0.56	-3.81%
45	10.914	10.857	8.096	8.054	0.637	0.637	0.875	1.099	20.522	20.647	0.13	0.61%
46	109.874	115.123	11.176	11.71	3.492	2.228	1.525	2.16	126.067	131.221	5.15	3.93%
47	18.45	18.397	122.764	122.41	1.25	1.553	5.881	6.307	148.345	148.667	0.32	0.22%
48	25.674	28.416	1.132	1.253	0	0	0	0	26.806	29.669	2.86	9.65%
49	88.922	90.276	10.339	10.496	0	0	0	0	99.261	100.772	1.51	1.50%
50	48.327	49.725	0.314	0.323	0	0	0	0	48.641	50.048	1.41	2.81%
51	92.916	88.661	6.68	6.374	0	0	0	0	99.596	95.035	-4.56	-4.80%
52	86.11	87.78	7.259	7.4	0	0	0	0	93.369	95.18	1.81	1.90%
53	70.089	69.103	3.249	3.203	0	0	0	0	73.338	72.306	-1.03	-1.43%
54	67.963	63.321	1.8	1.68	0	0	0	0	69.763	65.001	-4.76	-7.33%
55	121.853	134	17.962	19.753	0	0	0	0	139.815	153.753	13.94	9.07%
56	55.287	58.614	27.176	28.811	2.45	2.57	0.954	1.155	85.867	91.15	5.28	5.80%

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Observed**	**Vessel**	**Weight**	**%**
57	54.971	54.799	45.349	45.207	4.206	4.159	3.111	3.432	107.637	107.597	-0.04	-0.04%

Comments:

Transhipment 1:

Three (3) swordfish (*Xiphias gladius*) fillets were transhipped, but not specified on the transhipment declaration. The observer estimated the average weight per swordfish (*X. gladius*) fillet at 15 kg. Swordfish (*X. gladius*) was declared as ALL stock despite the observer's request that North or South stock should be declared on the transhipment declaration. Atlantic blue marlin (*Makaira nigricans*) was declared as dressed (DR), but the transhipped product was gilled and gutted (GG). Atlantic sailfish (*Istiophorus albicans*) was declared as GG, but transhipped in dressed state (DR). Spanish mackerel (*Scomberomorus commerson*) was declared as round (RD), but transhipped DR.

Transhipment 4:

The CV used a hook scale for this transhipment. The observer's estimate and the CV's in-line scale corresponded very closely with one another.

Transhipment 8:

The CV used a hook scale for this transhipment.

Transhipment 9:

The observer had complete confidence in the accuracy of his count despite the large discrepancy between numbers declared and the observer estimates. The average weight for bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*) as obtained from the declared amounts appeared to be realistic.

Transhipment 10:

The CV used a hook scale for this transhipment.

Transhipment 13:

The CV used a hook scale for this transhipment.

Transhipment 23:

The observer has complete confidence in his estimate despite the large discrepancy between declared numbers and observed numbers.

Transhipment 24:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 39 tonnes.

Transhipment 25:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 44 tonnes.

Transhipment 26:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 60 tonnes.

Transhipment 27:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 54 tonnes.

Transhipment 28:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 40 tonnes. The observer suspects that the LSPLV master overestimated the average weight of his catch, because significantly fewer numbers were observed than was reported by the time the CV scale reported that 40 tonnes had been transhipped.

Transhipment 29:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 80 tonnes.

Transhipment 30:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. The observer photographed the sheet containing the relevant information and included it in the photographic log.

Transhipment 31:

The TD reported swordfish (*X. gladius*) collectively ALL stock. The LSPLV also reported swordfish (*X. gladius*) as ALL stock.

Transhipment 32:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South. Finally, the TD reported OTHERS as RD, but all species reported as OTHERS were in DR form.

Transhipment 35:

A hook scale was used and the CV master instructed that the transhipment should be halted when the CV scale readings reached 50 tonnes.

Transhipment 36:

The TD reported swordfish (*X. gladius*) as ALL stock. The LSPLV master confirmed verbally that the swordfish (*X. gladius*) was northern stock (SWO-N).

Transhipment 37:

The TD reported swordfish (*X. gladius*) as ALL stock.

Transhipment 38:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South. Finally, the LSPLV transhipped small amounts of Spanish mackerel (*S. commerson*) estimated at 10 kg each and opah (*Lampris guttatus*) estimated at 7 kg each that were not included on the TD.

Transhipment 39:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

Transhipment 40:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

Transhipment 41:

The transhipment was not observed due to observer illness.

Transhipment 42:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

Transhipment 43:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

Transhipment 44:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

Transhipment 45:

The TD reported swordfish (*X. gladius*) collectively as ALL stock. The observer received information from the LSPLV confirming that it was northern stock.

Transhipment 46:

The TD reported swordfish (*X. gladius*) collectively as ALL stock (DR). The observer received information from the LSPLV master that specified numbers and weights for FL and DR.

Transhipment 47:

The TD reported swordfish (*X. gladius*) collectively as ALL stock (DR). The observer received information from the LSPLV master that specified numbers and weights for FL and DR as well as confirming that it was northern stock.

Transhipment 54:

Yellowfin tuna (*T. albacares*) was declared at an average mass 98,8 kg, which the observer believed to be inaccurate. The observer believed that the average mass was approximately 40 kg.

Transhipment 55:

Despite a large difference between declared numbers and observed numbers, the observer has confidence in his estimate. The LSPLV master indicated uncertainty as to the number of fish and ordered an independent count by his crew. The observer's count corresponded very closely with the independent count by the LSPLV crew.

Transhipment 56:

The TD reported swordfish (*X. gladius*) as ALL stock.

Transhipment 57:

The TD reported swordfish (*X. gladius*) collectively as DR and FL. The LSPLV provided numbers and tonnage for both DR and FL form and the observer was able to use this information for estimating purposes. In addition, both DR and FL forms were declared as ALL stock and not distinguished as North or South.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed weight	Observed Percentage	Declared weight	Declared Percentage
Albacore	*Thunnus alalunga*	All	4.37	0.13%	9.07	0.26%
Atlantic blue marlin	*Makaira nigricans*	All	26.41	0.81%	32.60	0.93%
Atlantic sailfish	*Istiophorus albicans*	All	1.89	0.06%	0.10	0.00%
Bigeye tuna	*Thunnus obesus*	All	2641.92	80.68%	2838.59	81.17%
Dolphinfish	*Coryphaena hippurus*	All	0.02	0.00%	0.00	0.00%
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	All	1.02	0.03%	0.12	0.00%
Opah	*Lampris guttatus*	All	0.08	0.00%	0.01	0.00%
Other fish Unclassified	*N/A*	All	0.00	0.00%	3.48	0.10%
Shortbill spearfish	*Tetrapturus angustirostris*	All	0.06	0.00%	0.00	0.00%
Striped marlin	*Tetrapturus audax*	All	0.09	0.00%	0.12	0.00%
Swordfish	*Xiphias gladius*	All	45.56	1.39%	25.14	0.72%
Swordfish	*Xiphias gladius*	N	0.00	0.00%	9.85	0.28%
Swordfish	*Xiphias gladius*	S	0.00	0.00%	4.62	0.13%
Wahoo	*Acanthocybium solandri*	All	0.03	0.00%	0.00	0.00%
Yellowfin tuna	*Thunnus albacares*	All	553.19	16.89%	573.41	16.40%

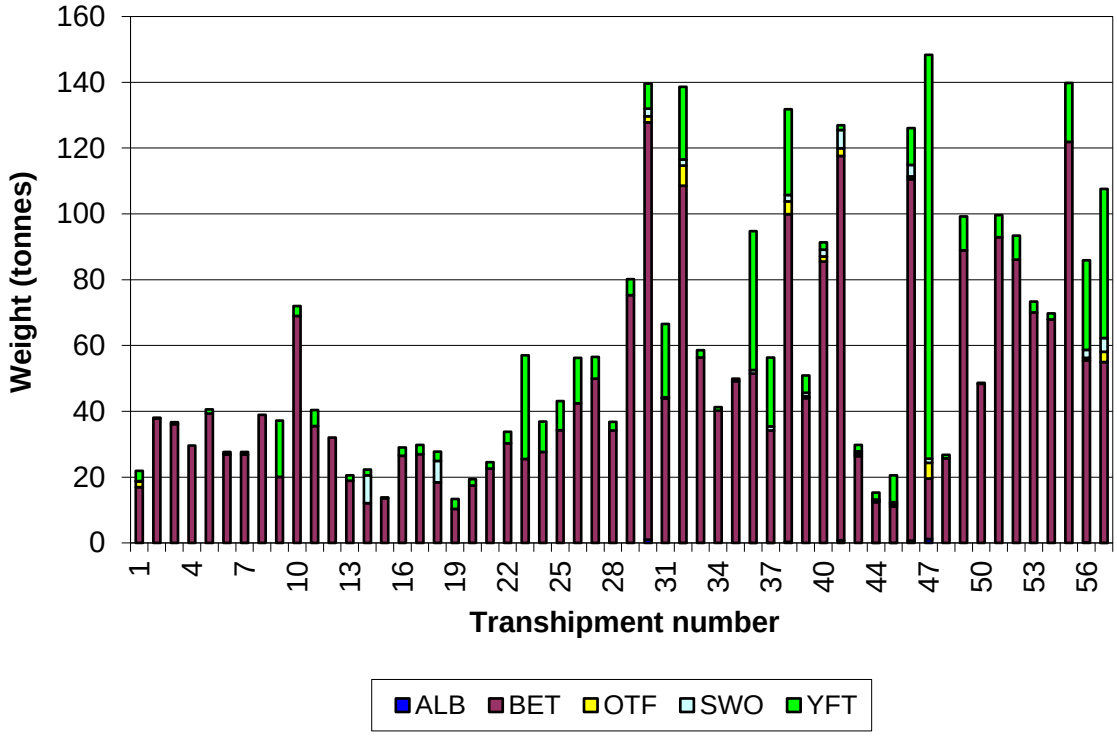

Figure 2 **Proportions, by weight, of fish species transferred by transhipment.**

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	21.31
Atlantic blue marlin	*Makaira nigricans*	106.07
Atlantic sailfish	*Istiophorus albicans*	13.79
Bigeye tuna	*Thunnus obesus*	46.41
Dolphinfish	*Coryphaena hippurus*	8.00
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	10.03
Opah	*Lampris guttatus*	9.11
Shortbill spearfish	*Tetrapturus angustirostris*	18.33
Striped marlin	*Tetrapturus audax*	28.67
Swordfish	*Xiphias gladius*	51.25
Wahoo	*Acanthocybium solandri*	11.00
Yellowfin tuna	*Thunnus albacares*	43.36

Comments:

The majority of tonnage transhipped consisted of two species, bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*). Together, these two species comprised 97.56% of the total tonnage transhipped. Swordfish (*X. gladius*) comprised 1.13% and Atlantic blue marlin (*M. nigricans*) 0.94% of the total tonnage transhipped. Extremely small volumes of albacore (*T. alalunga*), Atlantic sailfish (*I. platypterus*), dolphinfish (*Coryphaena hippurus*), narrow-barred Spanish mackerel (*S. commerson*), opah (*L. guttatus*), shortbill spearfish

(*Tetrapturus angustirostris*), striped marlin (*Tetrapturus audax*) and wahoo (*Acanthocybium solandri*) made up the remainder of the tonnage transhipped.

The observer received information from LSPLV masters with specific information pertaining to tonnage transhipped and number of fish for each species transhipped. The average mass for each species present in the transhipment could easily be calculated and multiplied by the number for each observed. In some instances, a hook scale was used. The observer was also able to estimate whether the average declared mass was a realistic representation, as was found to be the case for virtually all transhipments.

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	9069
Atlantic blue marlin	*Makaira nigricans*	Dressed weight	28691
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	3909
Atlantic sailfish	*Istiophorus albicans*	Dressed weight	66
Atlantic sailfish	*Istiophorus albicans*	Gilled & gutted	34
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	2838593
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Dressed weight	101
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Rounded Weight	23
Opah	*Lampris guttatus*	Dressed weight	6
Other fish Unclassified	*N/A*	Dressed weight	1285
Other fish Unclassified	*N/A*	Rounded Weight	2195
Striped marlin	*Tetrapturus audax*	Gilled & gutted	121
Swordfish	*Xiphias gladius*	Dressed weight	22671
Swordfish	*Xiphias gladius*	Fillet	999
Swordfish	*Xiphias gladius*	Other	15938
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	573412

Comments:

Bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) were processed in gilled and gutted (GG) form. Atlantic blue marlin (*M. nigricans*) and striped marlin (*T. audax*) were also processed as GG, but in some instances the former was processed in dressed (DR) form. Swordfish (*X. gladius*) were processed either as DR or filleted (FL). Transhipment declarations often declared both DR and FL swordfish (*X. gladius*) combined instead of specifying the appropriate volumes and numbers as provided by the LSPLV master. The observer used the information supplied by LSPLV masters to distinguish between DR and FL volumes in his estimations. For data entry purposes, the observer used other (OT) as the processing code for swordfish (*X. gladius*) in the vessel details section of the database.

Albacore (*T. alalunga*) was exclusively transhipped in rounded form (RD), as was dolphinfish (*C. hippurus*). All remaining species transhipped were DR. For instances when fish were transhipped in a processed state other than was specified on the transhipment declaration, the observer mentioned the discrepancy in the comments section of each specific transhipment during which it occurred.

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									

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

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 9 Summary of boarding reports from LSPLVs.

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	05/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	04/03/24
2			Yes	08/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	07/03/24
3			Yes	08/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	07/03/24
4			Yes	09/03/24	Yes	Yes	Unk	Yes	Yes	31/03/27	Yes	Yes	Yes	Yes	Yes	PB	09/03/24
5			Yes	10/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	10/03/24
6			Yes	10/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	PB	09/03/24
7			Yes	10/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	09/03/24
8			Yes	11/03/24	Yes	Yes	Unk	Yes	Yes	31/03/27	Yes	Yes	Yes	Yes	Yes	PB	11/03/24
9			Yes	15/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	14/03/24
10			Yes	16/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	16/03/24
11			Yes	17/03/24	Yes	Yes	Yes	Yes	Yes	22/04/24	Yes	Yes	Yes	Yes	Yes	PB	16/03/24
12			Yes	17/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	17/03/24
13			Yes	18/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	17/03/24
14			Yes	18/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	18/03/24
15			Yes	19/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	18/03/24
16			Yes	19/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	18/03/24
17			Yes	20/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	19/03/24
18			Yes	20/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	19/03/24
19			No	20/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	19/03/24
20			No	20/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	19/03/24
21			Yes	21/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	20/03/24
22			Yes	21/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	20/03/24
23			Yes	21/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	20/03/24
24			Yes	21/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	20/03/24

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
25			Yes	22/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	21/03/24
26			Yes	22/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	21/03/24
27			Yes	22/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	21/03/24
28			Yes	23/03/24	Yes	Yes	Yes	Yes	Yes	31/03/26	Yes	Yes	Yes	Yes	Yes	PB	22/03/24
29			Yes	23/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	23/03/24
30			Yes	25/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	PB	24/03/24
31			Yes	26/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	25/03/24
32			Yes	26/03/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	25/03/24
33			Yes	31/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	30/03/24
34			Yes	31/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	31/03/24
35			Yes	31/03/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	31/03/24
36			Yes	02/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	31/03/24
37			No	04/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	04/04/24
38			No	06/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	05/04/24
39			No	06/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	06/04/24
40			No	07/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	06/04/24
41			No	07/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	06/04/24
42			No	08/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	07/04/24
43			No	09/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	08/04/24
44			No	09/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	08/04/24
45			No	09/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	08/04/24
46			No	10/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	09/04/24
47			No	11/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	10/04/24
48			Yes	14/04/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	Yes	Yes	Yes	PB	13/04/24
49			No	14/04/24	Yes	Yes	Yes	Yes	Yes	31/03/28	Yes	Yes	Yes	Yes	Yes	PB	13/04/24
50			No	15/04/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	Yes	Yes	Yes	PB	15/04/24
51			No	15/04/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	Yes	Yes	Yes	PB	14/04/24
52			No	16/04/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	Yes	Yes	Yes	PB	16/04/24
53			No	16/04/24	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	Yes	Yes	Yes	PB	16/04/24
54			No	16/04/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	16/04/24
55			No	19/04/24	Yes	Yes	Yes	Yes	Yes	31/12/24	Yes	Yes	Yes	Yes	Yes	PB	18/04/24

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
56			No	27/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	EL	26/04/24
57			No	27/04/24	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	Yes	Yes	Yes	Yes	PB	26/04/24

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 LSPLV checks

No	Comments
19	The LSPLV was not boarded due to the CV master's safety concern due to unsafe sea conditions. Relevant documents were transferred to the CV to allow the observer checks, and the LSPLV master photographed the VMS unit on the observer's behalf.
20	The LSPLV was not boarded due to the CV master's safety concern due to unsafe sea conditions. Relevant documents were transferred to the CV to allow the observer checks, and the LSPLV master photographed the VMS unit on the observer's behalf.
30	The observer was shown only a single page, printed and unbound, from an electronic logbook and consequently the observer could not clearly determine whether or not the logbook pages were numbered consecutively.
37	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the logbook and VMS unit on the observer's behalf.
38	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the logbook and VMS unit on the observer's behalf.
39	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the logbook and VMS unit on the observer's behalf.
40	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit on the observer's behalf.
41	The observer did not board the LSPLV due to illness. The LSPLV master photographed the logbook on the observer's behalf.

No	Comments
42	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
43	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
44	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
45	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
46	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
47	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
49	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf. The logbook was up to date in spite of the dates for 12/04/2024 and 13/04/2024 having been recorded as 12/03/2024 and 13/03/2024. This appeared to be a non-intentional mistake.
50	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs.
51	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf.
52	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf.
53	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf.
54	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf.
55	The observer did not board the LSPLV because of widespread general illness on board the CV. The CV master was concerned about transferring illness to LSPLVs. The LSPLV master photographed the VMS unit on the observer's behalf.
56	The CV master instructed the observer not to board the LSPLV because the observer was ill. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.
57	The CV master instructed the observer not to board the LSPLV because of widespread illness on board. The LSPLV master photographed the VMS unit and the electronic fishing logbook on the observer's behalf.

The observer made no Potential Non-Compliance (PNC) reports summarised below in Table 11.

Table 11 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

The CV used a colour-coded system of bins for garbage disposal. In addition, garbage was collected in black plastic bags and retained on board.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were encountered during this deployment.

9.3 Marine mammals.

Table 12 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
25/03/24	11:18	10º54'N	026º53'W	Bottlenose dolphin *(Tursiops spp.)*	+/- 10	Resting at the surface
31/03/24	08:00	09º01'N	030º59'W	Bottlenose dolphin *(Tursiops spp.)*	+/- 10	Resting at the surface

10 Health and Safety on board the CV

No Health and Safety concerns were noted during this deployment.

11 Submitting Report to the Master

Was the draft observer report submitted to the master upon disembarkation from the vessel?	Yes *X*	No

Table 13 Non-ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		04/03/2024	11º31.144'S	008º32.045'E	General cargo	Yes
		04/03/2024	11º30.931'S	008º32.199'E	General cargo	Yes
		04/03/2024	11º30.831'S	008º32.236'E	General cargo, fuel	Yes
		09/03/2024	08º29.808'S	010º00.017'W	Bait, provisions, general cargo	Yes
		11/03/2024	05º33.459'S	010º24.292'W	Bait, provisions, general cargo	Yes
		11/03/2024	05º30.455'S	010º26.556'W	Bait, provisions, general cargo	Yes
		11/03/2024	05º27.178'S	010º30.201'W	Bait, provisions, general cargo	Yes
		15/03/2024	07º56.315'N	020º59.702'W	Provisions, general cargo	Yes
		15/03/2024	07º56.129'N	020º59.854'W	Provisions, general cargo	Yes
		16/03/2024	08º53.354'N	024º56.624'W	General cargo, fuel, provisions	Yes
		03/04/2024	10º50.573'N	022º59.760'W	General cargo, fuel, provisions	Yes
		11/04/2024	10º54.309'N	024º02.470'W	General cargo, fuel	Yes

Comments:
The LSPLV xxx did not display the International Radio Call Sign (IRCS) or National Registration number (NRN) on the starboard side of the ship. The observer was unable to ascertain whether either was displayed on the portside of the LSPLV.

Figure 3 Starboard side view of the xxx, not displaying the IRCS or NRN.

Table 14 Fish Transhipments in Port

Non-ROP TS No	Species Name	English Name	Product Type	Total Weight (kg)
11	*Thunnus obesus*	Bigeye tuna	Gilled & gutted	178,686
11	*Thunnus albacares*	Yellowfin tuna	Gilled & gutted	1,444
11	*Xiphias gladius*	Swordfish	Other	1,82
11	*Makaira nigricans*	Atlantic blue marlin	Dressed weight	1,487
11	*Thunnus alalunga*	Albacore	Rounded Weight	1,97

ICCAT

Observer Report

Trip Number:	**297-14**
Vessel Name:	**Genta Maru**
ICCAT Ref. No.	**AT000PAN00246**
Observer Name:	**Llewellyn Lewis**
Cruise Dates:	**From: 12/03/2024 To: 22/03/2024**

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and the consortium of MRAG Ltd and Capricorn Fisheries Monitoring CC, Llewellyn Lewis (ROP no.119) joined the Panama registered Carrier Vessel (CV) Genta Maru (RFMO no.13783) as the ROP observer, monitoring the transhipment of tuna, and tuna-like species in the Atlantic Ocean from 12/03/2024 to 22/03/2024.

The objective of the assignment was to monitor transhipments 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 transhipment activities carried out;
- Verify the position of the vessel when engaged in transhipping;
- Observe and estimate products transhipped;
- Verify and record the name and ICCAT number of the LSTLV concerned;
- Verify the data contained in the transhipment declaration;
- Countersign the transhipment 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:	Genta Maru	Call sign:	H3EQ
Port of registration:	Panama	Flag State:	Panama
Owner:	Panama TRL S.A	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	168.830^{CF}
Size (GT):	3.989	Length (LOA):	99.06m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		1,543.016 Ton	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/03/204
Method of embarkation*	12/03/2024
Date of departure	Portside
Date of first transhipment	13/03/2024
Date of last transhipment	20/03/2024
Date when CV crossed over to the IOTC RFMO area	22/03/2024
Date of return	12/04/2024
Date of disembarkation	12/04/2024
Method of disembarkation*	Port Launch
Port of return	Singapore

Comments: The CV crossed the 20 degree Longitude on the morning of 22/03/2024at the position 35^0 10.62S / 20^0 00E.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 5 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

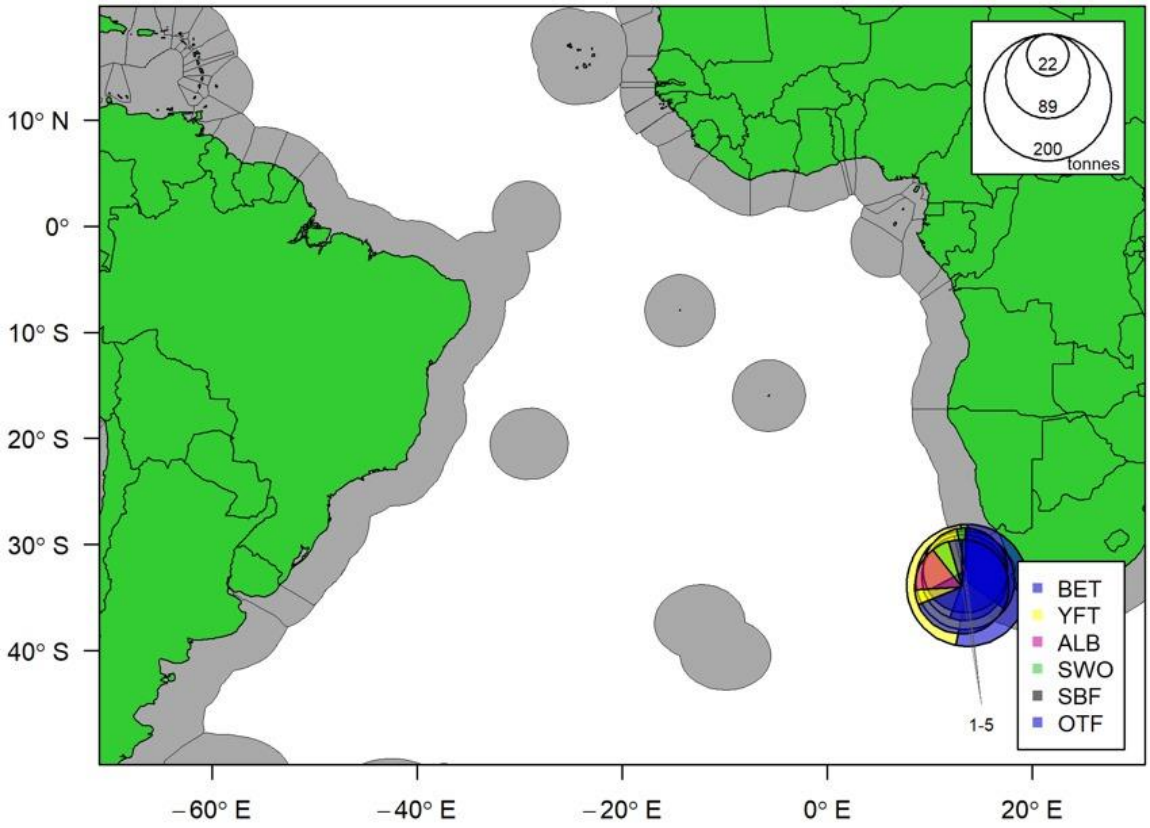

Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	1
xxx	4

Comments: In addition to the transhipments reflected in Table 1, the CV completed 2 non-ROP transhipments at sea. Details of these transhipments are provided 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			Korea, Republic of	Yes	13/03/24	33°49.373 S	013°38.248 E	09:43	100.00%
2			Korea, Republic of	Yes	14/03/24	33°20.828 S	013°25.973 E	05:45	100.00%
3			Korea, Republic of	Yes	14/03/24	33°05.106 S	013°22.525 E	06:47	53.32%
4			Korea, Republic of	Yes	15/03/24	32°25.098 S	013°26.662 E	06:47	100.00%
5				Yes	20/03/24	33°57.499 S	013°06.28 E	06:21	100.00%

Comments:

Transhipment #3: The observer could not observe 100% of the transhipment due to the CV operating extended hours. The observer had to end the observation period before the final transfer of fish in order to obtain sufficient rest between working days. At the time when the observer ended the observation period, the CV had been operating for 16 hours.

Table 3 Summary of vessel / observer estimated figures (Kg)

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Obs	Vessel	Weight	%
1	119.408	101.466	61.488	86.505	3.257	3.292	0	0	184.153	191.263	7.11	3.72%
2	83.071	43.809	35.434	81.168	0	0	0	0	118.505	124.977	6.47	5.18%
3	73.967	52.583	40.239	38.248	2.506	3.575	0	0.179	116.711	94.585	-22.13	-23.39%
4	68.495	61.936	18.765	27.341	2.732	3.062	0	0	89.992	92.339	2.347	2.54%

	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
No	**Obs**	**Vessel**	**Obs**	**Vessel**	**Obs**	**Vessel**	**Obs**	**Vessel**	**Obs**	**Vessel**	**Weight**	**%**
5	80.079	78.781	4.023	5.649	6.563	6.944	22.701	22.974	113.366	114.348	0.98	0.86%

Comments:

Transhipment #3: The observer could not observe 100% of the transhipment due to the CV operating extended hours - the observer took a rest break in order to obtain sufficient rest between working days.

The difference between the observer estimate and the declared amount may be possible due to a slowing down of the transhipment rate, which is typical. The observer estimation was raised bases on the transhipment rate observed.

6 Species and weight transferred

The vessel contained 1,543.016 tons tuna products when the observer boarded. The fish on board came from transhipments completed in the IOTC area. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a nd a breakdown by transhipment is shown in **Error! Reference source not found.**.

Table 4 Total weight of fish transhipped by species (Kg)

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	Percentage	Weight	Percentage
Albacore	*Thunnus alalunga*	S	0.00	0.00%	17.83	2.89%
Albacore	*Thunnus alalunga*	Unk	17.76	3.13%	0.00	0.00%
Atlantic blue marlin	*Makaira nigricans*	S	0.00	0.00%	4.35	0.70%
Bigeye tuna	*Thunnus obesus*	N	0.00	0.00%	158.33	25.64%
Bigeye tuna	*Thunnus obesus*	S	0.00	0.00%	78.78	12.76%
Bigeye tuna	*Thunnus obesus*	Unk	390.49	68.72%	101.47	16.43%
Marlins, sailfishes, etc. nei	*Istiophoridae*	Unk	4.35	0.76%	0.00	0.00%
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	S	0.00	0.00%	0.12	0.02%
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Unk	0.01	0.00%	0.00	0.00%
Opah	*Lampris guttatus*	S	0.00	0.00%	0.67	0.11%
Opah	*Lampris guttatus*	Unk	0.58	0.10%	0.00	0.00%
Striped marlin	*Tetrapturus audax*	N	0.00	0.00%	0.18	0.03%
Swordfish	*Xiphias gladius*	N	0.00	0.00%	6.39	1.03%
Swordfish	*Xiphias gladius*	S	0.00	0.00%	7.19	1.16%
Swordfish	*Xiphias gladius*	Unk	13.89	2.44%	3.29	0.53%
Yellowfin tuna	*Thunnus albacares*	N	0.00	0.00%	146.76	23.77%
Yellowfin tuna	*Thunnus albacares*	S	0.00	0.00%	5.65	0.91%
Yellowfin tuna	*Thunnus albacares*	Unk	141.16	24.84%	86.51	14.01%

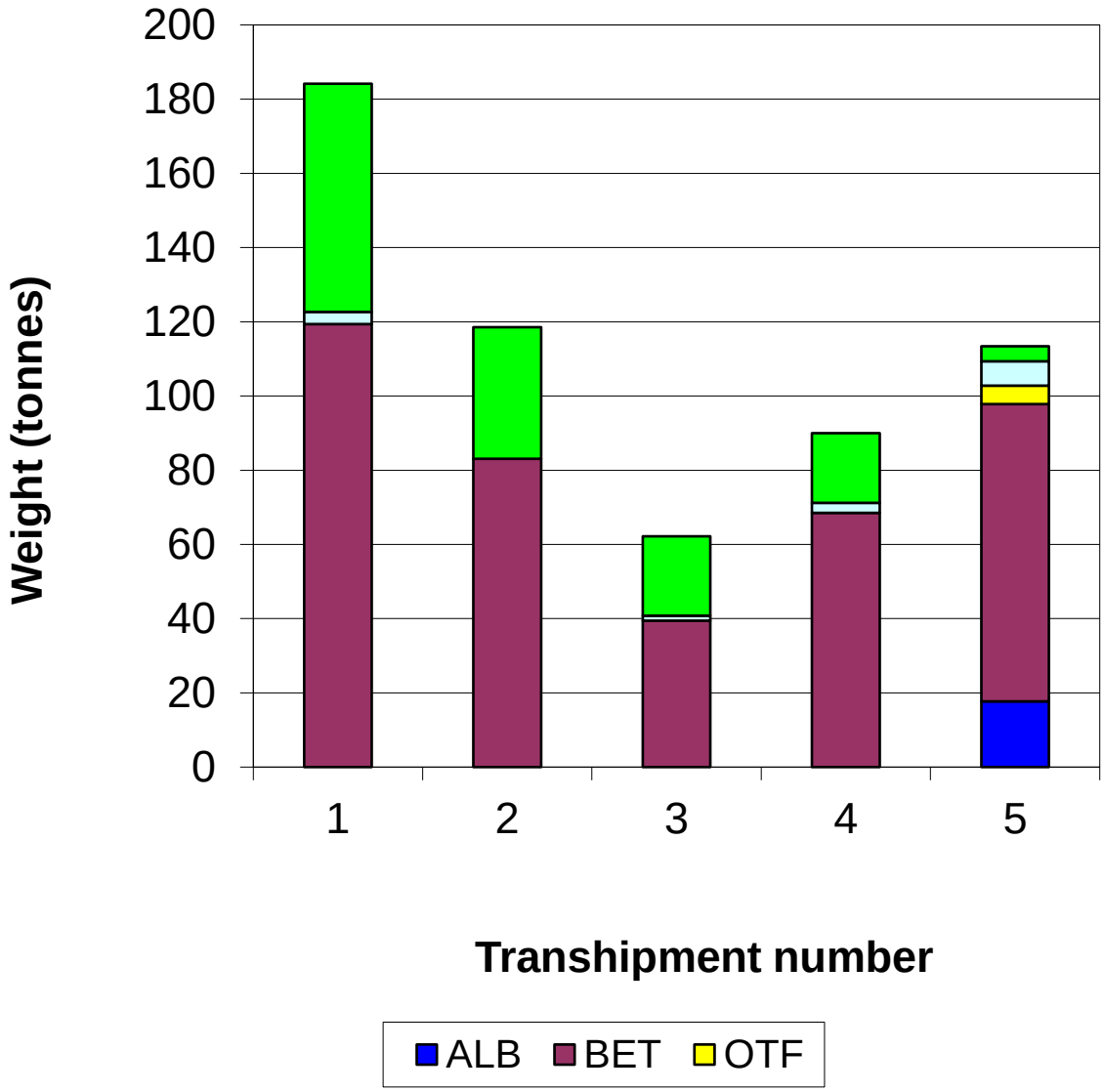

Figure 2 **Proportions, by weight, of fish species transferred by transhipment.**

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

Common Name	Scientific name	Average weight
Albacore	*Thunnus alalunga*	17,60
Bigeye tuna	*Thunnus obesus*	35,65
Marlins, sailfishes, etc. nei	*Istiophoridae*	127,80
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	13,70
Opah	*Lampris guttatus*	13,20
Swordfish	*Xiphias gladius*	45,95
Yellowfin tuna	*Thunnus albacares*	43,67

Comments: The CV did not make use of a hook scale to determine independent weights. The weight provided by the LSTLVs was used to complete the Transhipment

Declaration. The CV hauled fish directly out of the LSTLV hold to the CV by means of the CV crane. This transfer method did not allow much time to estimate species and numbers when larger fish made it impossible to see smaller fish within large strings.

The declared number of fish and weights provided by the LSTLVs were used to calculate the average weight for each species. During transfers, the observer randomly selected fish and estimated the weight by using the same fish that was used for temperature analysis for tuna species. For all other species transferred, visual estimations was made. In most instances these weights appeared similar to the weights declared. When the declared weights seemed unrealistic compared to the observed weights, a comment was made in the ROP database T4 (iii).

Table 6 Product types transhipped by species (Kg)

Common Name	Scientific name	Product Type	Weight transhipped (kg)
Albacore	*Thunnus alalunga*	Rounded Weight	17829
Atlantic blue marlin	*Makaira nigricans*	Gilled & gutted	4347
Bigeye tuna	*Thunnus obesus*	Gilled & gutted	338575
Narrow-barred Spanish mackerel	*Scomberomorus commerson*	Dressed weight	124
Opah	*Lampris guttatus*	Dressed weight	674
Striped marlin	*Tetrapturus audax*	Gilled & gutted	179
Swordfish	*Xiphias gladius*	Dressed weight	15425
Swordfish	*Xiphias gladius*	Fillet	1448
Yellowfin tuna	*Thunnus albacares*	Gilled & gutted	238911

Comments: None

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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A	N/A

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

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 9 Summary of boarding reports from LSPLVs.

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	13/03/24	Yes	Yes	Yes	Yes	Yes	23/11/28	Yes	Y	Yes	Yes	Yes	PB	12/03/23
2			Yes	14/03/24	Yes	Yes	Yes	Yes	Yes	21/09/25	Yes	Y	Yes	Yes	Yes	PB	13/03/24
3			Yes	14/03/24	Yes	Yes	Yes	Yes	Yes	06/09/27	Yes	Y	Yes	Yes	Yes	PB	14/03/24
4			Yes	15/03/24	Yes	Yes	Yes	Yes	Yes	31/07/25	Yes	Y	Yes	Yes	Yes	PB	15/03/24
5			Yes	20/03/23	Yes	Yes	Yes	Yes	Yes	31/07/27	Yes	F	Yes	Yes	Yes	EL	10/03/24

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.

Transhipment #5: The ATT was emailed to the CV prior to the transhipment date.

Table 10 Comments on LSPLV checks

No	Comments
5	The electronic fishing logbook presented at the time of the vessel on-board inspection was not up to date. The last entry was on the 10/03/2024. The LSPLV captain explained that the vessel was not fishing and sailed from port Cape Town. The LSPLV captain presented the vessel official ships logbook to support his claim. This vessel official logbook template was recorded in xxx. The information recorded appeared to be weather and sea conditions and temperature by the watch-man. The last entry was on the 20/03/2023 in the official logbook. **Figure 3 Electronic fishing logbook (Left) and ship's logbook (Right) of the xxx**

The observer made 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
5	xxx	XXX	2975	LND		

9 Other Observer Tasks.

9.1 CV waste disposal

All waste on board was separated according to MARPOL categories. Galley waste and cardboard boxes was disposed of at sea over the side. All other waste were retained for land disposal on the captain deck landing at the stern of the vessel.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted for the voyage.

9.3 Marine mammals.

No marine mammals were sighted during the voyage.

Table 12 Marine mammal sightings

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

10 Health and Safety on board the CV

During the voyage from 13/03/2024 at 12:00 to 16/03/2024 at 09:05, the CV operated for 67-hours in a 69-hour period. This caused a major concern for health and safety on board the CV. No safety drills were conducted for the voyage.

11 Submitting Report to the Master

	Yes	No
Was the draft observer report submitted to the master upon disembarkation from the vessel?	**X**	

Table 13 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Products Transhipped	Comments
		2024/03/15 08:10:00	32°43,673 S	013°19,746 E	Food, Goods	The CV was supplied with 175 Parcels frozen food & 277 Parcels general cargo.
		2024/03/15 10:00:00	32°40,841 S	013°20,622 E	Baits, Food	The vessel was resupplied with 5,018 Cases frozen bait & 299 Parcels frozen food.