

ICCAT

Observer Report



Trip Number:	241/19
Vessel Name:	KURIKOMA
ICCAT Ref. No.	AT000PAN00153
Observer Name:	LEVENT ALI ERKAL
Cruise Dates:	From: 24/12/2019 To: 06/02/2020

1 Cruise Summary

In accordance with the bilateral agreement between Panama TRL SA. and MRAG Ltd., Levent Ali Erkal (ROP No.148) joined the Panama registered Carrier Vessel (CV) Kurikoma (AT000PAN00153) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 24/12/2019 to 06/02/2020.

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

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

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

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

2 Carrier Vessel details

Vessel name:	KURIKOMA	Call sign:	3FTS6
Port of registration:	PANAMA	Flag State:	PANAMA
Owner:	PANAMA TRL. S.A.	Charterer:	PANAMA TRL. S.A.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5,224m ³
Size (GRT):	4,177tonnes	Length (LOA):	114.82m.
Vessel monitoring system (present/absent):		Present: CLS	
Tuna products already on board (Quantity)		54.157 t	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	24/12/2019
Method of embarkation*	On board from IOTC to ICCAT areas
Date of departure	24/12/2019
Date of first transshipment	28/12/2019
Date of last transshipment	01/02/2020
Date of return	01/02/2020
Date of disembarkation	06/02/2020 – CV continued to IOTC areas at sea without visiting a port.
Method of disembarkation*	N/A
Port of return	N/A

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

The CV arrived in Cape Town on 23/12/2019 from IOTC. The observer remained on board as the CV's plan was to continue to ICCAT on 24/12/2019.

Following to completion of the deployment in ICCAT the CV continued to IOTC without stopping in port on 06/02/2020 at 16:00. The observer disembarked the CV in Port Louis, Mauritius on 17/02/2020.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 19 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

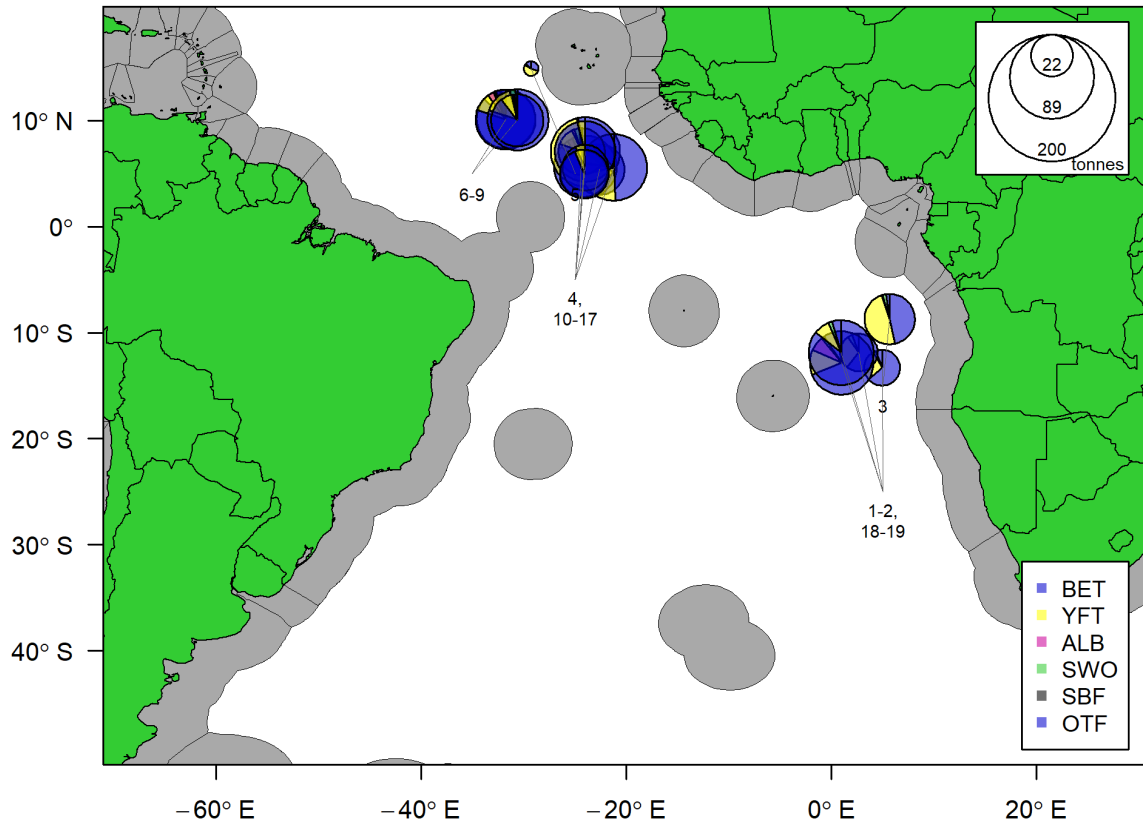


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	4
XXX	15

Comments: Five Non-ROP transhipments, one of which was for fuel oil supply from a bunkering vessel, were conducted during the deployment. Please see Table 12 for details.

5 Summary of Transshipments Observed.

Table 2 Summary of transshipments.

No	Name	RFMO No	Flag	Insp ecte d	Date	Latitude	Longitude	Tranship ment time	% Observe d
1				Y	28/12/2019	13°18 S	004°56 E	03:19	100
2				Y	29/12/2019	11°52 S	002°40 E	05:19	100
3				Y	31/12/2019	08°43 S	005°40 E	06:50	100
4				Y	06/01/2020	05°23 N	022°38 W	05:01	100
5				Y	16/01/2020	14°54 N	029°16 W	03:33	100
6				Y	17/01/2020	10°04 N	030°34 W	03:56	100
7				Y	17/01/2020	10°01 N	030°38 W	04:23	100
8				Y	18/01/2020	10°08 N	031°44 W	04:01	100
9				Y	18/01/2020	10°06 N	031°46 W	02:29	100
10				Y	20/01/2020	07°05 N	024°21 W	01:28	100
11				Y	21/01/2020	07°05 N	024°01 W	03:57	100
12				Y	21/01/2020	07°04 N	024°00 W	04:32	100
13				Y	22/01/2020	05°37 N	024°00 W	04:13	100
14				Y	22/01/2020	05°34 N	024°00 W	03:23	100
15				Y	23/01/2020	04°58 N	024°06 W	03:04	100
16				Y	23/01/2020	04°59 N	024°08 W	02:00	100
17				Y	24/01/2020	05°35 N	021°13 W	01:55	100
18				Y	31/01/2020	11°53 S	000°56 E	05:38	100
19				Y	01/02/2020	12°51 S	000°59 E	05:32	100

Comments: All transshipments were fully observed and estimations could be made by the observer confidently.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	43.413	44.826	11.841	10.800	0.837	0.927	0.720	0.823	56.811	57.376	0.565	0.98
2	73.487	76.464	4.701	3.631	2.132	2.543	3.244	3.470	83.564	86.108	2.544	2.95
3	40.961	38.207	62.585	66.018	0.555	0.648	3.506	3.658	107.607	108.531	0.924	0.85
4	44.453	49.600	25.719	22.300	9.250	10.300	13.295	12.438	92.717	94.638	1.921	2.03
5	38.245	39.320	6.919	6.165	1.999	1.647	0.785	0.939	47.948	48.071	0.123	0.26
6	78.477	79.976	4.399	3.579	0	0	0	0	82.876	83.555	0.679	0.81
7	44.859	46.144	3.842	3.125	0	0	0	0	48.701	49.269	0.568	1.15
8	45.011	44.080	2.892	3.361	0	0	0	0	47.903	47.441	-0.462	-0.97
9	49.628	50.634	3.805	3.407	0	0	0	0	53.433	54.041	0.608	1.13
10	1.248	1.520	2.818	2.580	0.146	0.146	0.625	0.642	4.837	4.888	0.051	1.04
11	68.000	67.542	5.890	6.555	0.826	0.780	1.714	1.869	76.430	76.746	0.316	0.41
12	66.586	65.471	7.412	8.012	0.726	0.852	4.268	4.508	78.992	78.843	-0.149	-0.19
13	68.386	67.533	12.371	12.956	2.385	2.477	1.101	1.129	84.243	84.095	-0.148	-0.18
14	54.806	55.497	5.281	4.534	0.432	0.504	0.875	1.018	61.394	61.553	0.159	0.26
15	28.194	26.961	27.141	27.918	1.047	1.294	1.382	1.375	57.764	57.548	-0.216	-0.38
16	17.593	18.441	8.453	8.086	1.180	0.805	1.545	1.647	28.771	28.979	0.208	0.72
17	21.008	19.581	8.655	9.487	1.401	1.186	1.778	2.007	32.842	32.261	-0.581	-1.80
18	65.873	63.102	10.342	11.820	1.394	1.512	8.778	8.534	86.387	84.968	-1.419	-1.67
19	79.703	82.253	9.046	7.442	1.779	1.842	4.169	4.397	94.697	95.934	1.237	1.29

Comments:

TS#3; one piece of skipjack (*Katsuwonus pelamis*) was declared in the transshipment declaration but not observed by the observer.

6 Species and weight transferred

The vessel contained 54.157 tonnes product when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	17.559	1.43	18.812	1.52
Albacore	<i>Thunnus alalunga</i>	S	2.832	0.23	3.161	0.26
Atlantic blue marlin	<i>Makaira nigricans</i>	All	20.141	1.64	18.909	1.53
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.457	0.04	0.459	0.04
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.243	0.02	0.238	0.02
Bigeye tuna	<i>Thunnus obesus</i>	All	929.931	75.73	937.152	75.89
Black marlin	<i>Makaira indica</i>	All	2.670	0.22	2.917	0.24
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.441	0.04	0.429	0.03
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.240	0.02	0.321	0.03
Opah	<i>Lampris guttatus</i>	All	0.290	0.02	0.321	0.03
Other fish Unclassified	N/A	All	2.692	0.22	2.692	0.22
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0	0	0.005	0.00
Striped marlin	<i>Tetrapturus audax</i>	All	0.146	0.01	0.116	0.01
Swordfish	<i>Xiphias gladius</i>	All	22.565	1.84	23.345	1.89
Swordfish	<i>Xiphias gladius</i>	S	3.524	0.29	4.118	0.33
Wahoo	<i>Acanthocybium solandri</i>	All	0.074	0.01	0.074	0.01
Yellowfin tuna	<i>Thunnus albacares</i>	All	224.112	18.25	221.776	17.96

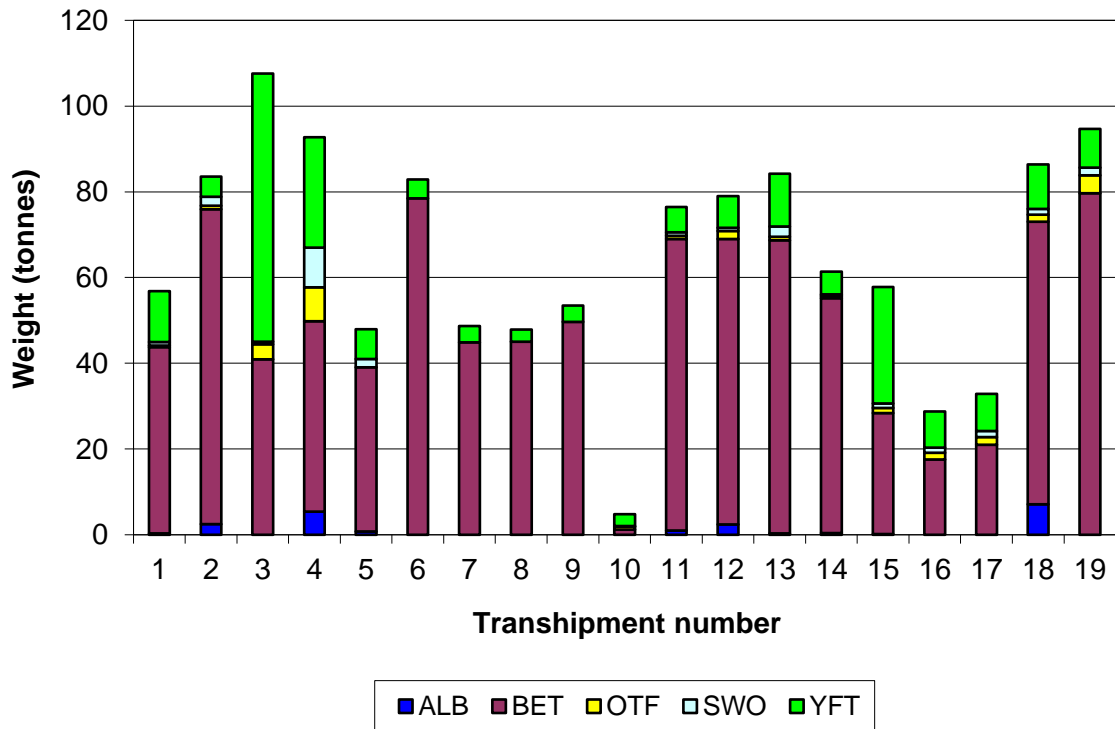


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	14.81
Atlantic blue marlin	<i>Makaira nigricans</i>	94.56
Atlantic sailfish	<i>Istiophorus albicans</i>	17.58
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	10.13
Bigeye tuna	<i>Thunnus obesus</i>	50.28
Black marlin	<i>Makaira indica</i>	116.09
Dolphinfish	<i>Coryphaena hippurus</i>	5.19
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	10.00
Opah	<i>Lampris guttatus</i>	5.27
Other fish Unclassified	N/A	25.88
Striped marlin	<i>Tetrapturus audax</i>	29.20
Swordfish	<i>Xiphias gladius</i>	23.80
Wahoo	<i>Acanthocybium solandri</i>	8.22
Yellowfin tuna	<i>Thunnus albacares</i>	41.85

Comments:

The main transhipped species during this deployment was *T. obesus* with 75.89% which was followed by *T. albacares* with 17.96%. The rest of the species were transhipped at minor levels and varied between 0.01 – 1.89%.

All of the *T. obesus*, *T. albacares*, *T. audax* and some of the *M. nigricans* and *M. indica* were transhipped as gilled & gutted (GG) while *T. alalunga* and *C. hippurus* were round weight (RD). The rest of the transhipped species including some of the *M. nigricans* and

M indica were transhipped as dressed (DR). Some of the *X. gladius* were transhipped as fillets (FL).

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

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

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

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments: None.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	28/12/19	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	27/12/2019
2			Y	29/12/19	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	28/12/2019
3			Y	31/12/19	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	30/12/2019
4			Y	06/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	04/01/2020
5			Y	16/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	15/01/2020
6			Y	17/01/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	15/01/2020
7			Y	17/01/20	Y	Y	Y	Y	Y	31/07/20	Y	Y	Y	Y	Y	PB	16/01/2020
8			Y	18/01/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	17/01/2020
9			Y	18/01/20	Y	Y	Y	Y	Y	05/06/20	Y	Y	Y	Y	Y	PB	17/01/2020
10			Y	20/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	18/01/2020
11			Y	21/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	20/01/2020
12			Y	21/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	20/01/2020
13			Y	22/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	20/01/2020
14			Y	22/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	20/01/2020
15			Y	23/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	21/01/2020
16			Y	23/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	21/01/2020
17			Y	24/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	22/01/2020
18			Y	31/01/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	30/01/2020
19			Y	01/02/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	30/01/2020

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

Comments: None.

Table 9 **Comments on LSPLV checks**

No	Comments
N/A	

No PNC issues were observed during this deployment.

Table 10 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

No waste disposal was observed during this deployment. Both the CV and LSPLVs appeared to be conscious about disposal of waste.

9.2 Unidentified or IUU vessels

No IUU vessel was observed during this deployment.

9.3 Marine mammals.

No Marine mammals were observed during this deployment.

10 Health and Safety on board the CV

No health and safety issue was observed during the deployment. The vessel did not carry out any safety drills during this deployment.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

11 Submitting Report to the Master

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

Yes √	No
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Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/12/2019	11°.58 S	2°.41 E	Some dry and frozen food transferred to this vessel.	Yes
		30/12/2019	9°.51 S	2°.00 E	Some dry and frozen food also 150 kl/lt oil transferred to this vessel.	Yes
		20/01/2020	7°.03 S	24°.22 E	180 kl/lt oil transferred to this vessel	Yes
		01/02/2020	12°.50 S	1°.00 E	160 kl/lt oil transferred to Kurikoma from this vessel.	Yes
		25/01/2020	4° 58 N	20° 58 W	Fuel oil vessel. Bunkering to CV Kurikoma	Yes

ICCAT

Observer Report



Trip Number:	242-20
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 19/02/2020 to 21/04/2020

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring, Peter Johann Beets (ROP No. 152) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No.24 (RFMO No. AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 19/02/2020 to 21/04/2020.

The CV was not allowed to disembark the observer in Cape Town at the end of the deployment due to COVID-19 measures in place and alternative arrangements were made to transfer the observer to the carrier vessel Taisei Maru No.15 (AT000JPN00651). The observer was transferred successfully at 07:46 on 21/04/2020 where he continued as the ICCAT observer for ICCAT deployment 246-20.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	Ise-Shi (Japan)	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3200 t
Size (GRT):	4992 t	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):	Present. JRC JUE-95VM INMARSAT-C		
Tuna products already on board (Quantity)	Yes, 420 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	19/02/2020
Method of embarkation*	Portside
Date of departure	19/02/2020
Date of first transshipment	23/02/2020
Date of last transshipment	09/04/2020
Date of return	21/04/2020
Date of disembarkation	21/04/2020
Method of disembarkation*	Transfer vessel offshore
Port of return	Transfer vessel offshore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 34 transhipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1.

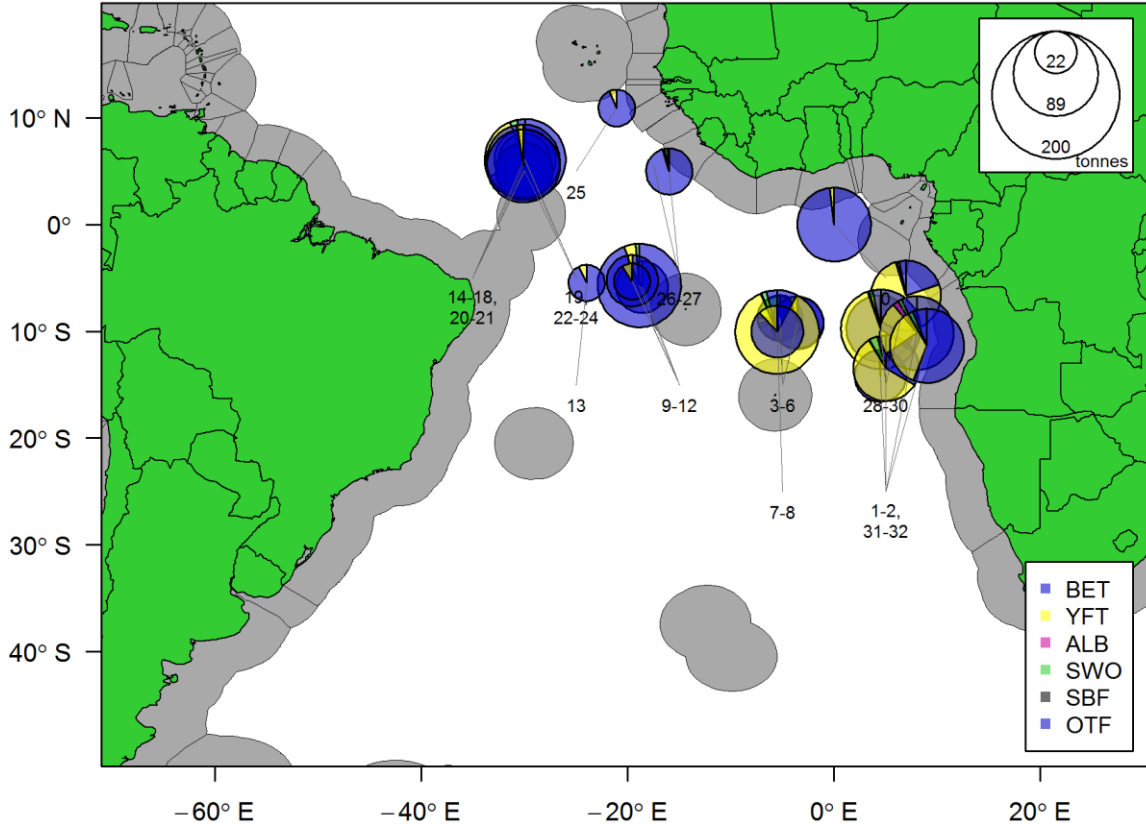


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	23
XXX	8
XXX	1

Comments: In addition to the 32 transhipments made at sea, the carrier vessel also conducted 12 non-ROP cargo transhipments and three in-port transhipments were conducted in Sao Vicente, Cape Verde Islands. The agents from Sao Vicente declined to monitor the in-port transhipments or sign the transhipment declarations. This became apparent during the first in-port transhipment. The observer was only informed of this development at the completion of the first in port transhipment at which stage he reported the situation to the consortium. ICCAT was consulted, and the observer was requested to observe the two remaining in port transhipments. The summary of the in-port transhipments are reflected in Tables 13 and 14. The details of the cargo-transhipments are given in Table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No		Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	23/02/20	14°09.498 S	004°30.369 E	01:20	100.00%
2				Yes	24/02/20	13°26.926 S	005°02.319 E	05:51	100.00%
3				Yes	27/02/20	09°14.31 S	003°30.711 W	01:15	100.00%
4				Yes	27/02/20	09°09.88 S	003°32.86 W	03:25	100.00%
5				Yes	28/02/20	08°49.205 S	005°11.539 W	02:12	100.00%
6				Yes	28/02/20	08°42.773 S	005°15.39 W	02:39	100.00%
7				Yes	29/02/20	10°03.796 S	005°30.71 W	01:25	100.00%
8				Yes	29/02/20	10°00.994 S	005°29.788 W	01:03	100.00%
9				Yes	03/03/20	05°51.037 S	018°36.258 W	04:13	100.00%
10				Yes	03/03/20	05°42.565 S	018°52.539 W	03:40	100.00%
11				Yes	06/03/20	05°15.263 S	019°33.035 W	04:43	100.00%
12				Yes	07/03/20	05°20.215 S	019°34.541 W	04:54	100.00%
13				Yes	09/03/20	05°27.902 S	023°58.389 W	05:20	100.00%
14				Yes	12/03/20	04°56.394 N	030°03.405 W	00:59	100.00%
15				Yes	13/03/20	05°01.054 N	030°01.36 W	01:50	100.00%
16				Yes	13/03/20	04°59.072 N	030°02.473 W	02:36	100.00%
17				Yes	14/03/20	05°01.14 N	030°00.893 W	02:47	100.00%
18				Yes	14/03/20	04°58.047 N	030°02.31 W	01:52	100.00%
19				Yes	15/03/20	05°02.144 N	029°59.763 W	02:59	100.00%
20				Yes	16/03/20	05°29.17 N	030°06.609 W	07:30	100.00%
21				Yes	17/03/20	05°56.955 N	030°07.486 W	01:42	100.00%
22				Yes	18/03/20	06°05.468 N	029°55.196 W	00:50	100.00%
23				Yes	18/03/20	06°03.398 N	029°57.336 W	00:57	100.00%
24				Yes	19/03/20	06°04.054 N	029°59.485 W	04:20	100.00%
25				No	29/03/20	10°54.196 N	021°02.967 W	03:32	100.00%
26				No	31/03/20	05°27.77 N	017°27.903 W	04:42	100.00%

No	Name	RFMO No		Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
27				No	01/04/20	04°58.238 N	015°58.083 W	04:36	100.00%
28				No	06/04/20	09°47.847 S	004°30.447 E	02:36	100.00%
29				No	06/04/20	09°44.484 S	004°23.59 E	01:57	100.00%
30				No	07/04/20	06°38.049 S	006°57.491 E	02:54	100.00%
31				No	08/04/20	10°09.928 S	008°01.087 E	05:45	100.00%
32				No	09/04/20	11°20.917 S	008°59.653 E	05:03	100.00%

Comments:

Due to the global COVID-19 outbreak, the observer was instructed not to board LSPLVs for the on-board inspection to minimise the potential exposure to infection. The decision was implemented from the 25th transhipment through to the end of the deployment. For the final 8 transhipments, the observer was therefore unable to verify VMS makes and models with certainty as well as whether or not the units were switched on. Logbooks could also not be examined. The observer was able to locate the VMS aerial from the deck of the CV in most instances and photographs of the aerials were included in the photographic log where possible. Copies of the ATFs were sent to the CV from the LSPLV for the observer's perusal and were included in the photographic log.

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	38.159	37.956	0.606	0.603	1.428	0.817	0.501	0.501	40.694	39.877	-0.82	-2.05%
2	79.134	83.142	29.984	31.503	6.243	3.723	4.013	4.013	119.374	122.381	3.01	2.46%
3	29.443	29.209	0.346	0.343	0	0	0	0	29.789	29.552	-0.24	-0.80%
4	62.972	68.1	1.757	1.9	0	0	0	0	64.729	70	5.27	7.53%
5	50.267	50	0	0	0	0	0	0	50.267	50	-0.27	-0.53%
6	46.744	48.825	1.125	1.175	0	0	0	0	47.869	50	2.13	4.26%
7	33.828	33.161	0.343	0.336	0	0	0	0	34.171	33.497	-0.67	-2.01%
8	27.001	25.911	0.749	0.719	0	0	0	0	27.75	26.63	-1.12	-4.21%
9	60.685	60	0	0	0	0	0	0	60.685	60	-0.69	-1.14%
10	55.414	60	0	0	0	0	0	0	55.414	60	4.59	7.64%
11	91.356	96.738	2.688	2.846	0	0	0	0	94.044	99.584	5.54	5.56%
12	94.621	96.927	2.282	2.338	0	0	0	0	96.903	99.265	2.36	2.38%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
13	101.767	99.381	2.119	2.069	0	0	0	0	103.886	101.45	-2.44	-2.40%
14	22.108	23.461	1.59	1.687	0	0	0	0	23.698	25.148	1.45	5.77%
15	23.868	25.437	1.976	2.106	10.121	9.371	0	0	35.965	36.914	0.95	2.57%
16	26.213	26.318	1.675	1.682	9.195	9.319	0	0	37.083	37.319	0.24	0.63%
17	48.569	50.049	0	0	0	0	0	0	48.569	50.049	1.48	2.96%
18	43.281	47.779	2.324	2.566	0	0	0	0	45.605	50.345	4.74	9.42%
19	44.357	46.436	3.404	3.564	0	0	0	0	47.761	50	2.24	4.48%
20	125.11	122.101	6.234	6.084	1.725	1.836	0	0	133.069	130.021	-3.05	-2.34%
21	49.572	47.856	1.494	1.442	0	0	0	0	51.066	49.298	-1.77	-3.59%
22	21.938	22.126	2.259	2.278	0	0	0	0	24.197	24.404	0.21	0.85%
23	21.856	22.815	1.724	1.8	0	0	0	0	23.58	24.615	1.04	4.20%
24	79.54	77.799	4.11	4.02	0	0	0	0	83.65	81.819	-1.83	-2.24%
25	19.265	18.263	71.924	68.185	1.283	1.114	2.266	2.763	94.738	90.325	-4.41	-4.89%
26	41.917	40.921	72.123	70.409	1.929	1.702	5.806	4.044	121.775	117.076	-4.70	-4.01%
27	10.462	10.236	114.612	112.132	2.384	2.568	4.888	5.616	132.346	130.552	-1.79	-1.37%
28	40.043	43.88	5.585	6.12	0	0	0	0	45.628	50	4.37	8.74%
29	47.007	49.5	0.4	0.4	0	0	0	0	47.407	49.9	2.49	5.00%
30	27.077	26.801	46.758	46.281	5.199	3.164	3.429	3.598	82.463	79.844	-2.62	-3.28%
31	60.531	66.9	21.608	23.882	3.588	1.782	7.074	6.907	92.801	99.471	6.67	6.71%
32	54.599	57.428	34.769	36.571	3.052	2.16	6.879	6.467	99.299	102.626	3.33	3.24%

Comments:

The species included under the observer's estimate of other includes in descending order; Atlantic blue marlin (*Makaira nigricans*), albacore (*Thunnus alalunga*), narrow-barred Spanish mackerel (*Scomberomorus commerson*), Atlantic sailfish (*Istiophorus albicans*), dolphinfish (*Coryphaena hippurus*), opah (*Lampris guttatus*), striped marlin (*Tetrapturus audax*) and longbill spearfish (*Tetrapturus pfluegeri*).

The species included under the vessel's declared amount for other includes in descending order; Atlantic blue marlin (*M. nigricans*), albacore (*T. alalunga*), narrow-barred Spanish mackerel (*S. commerson*), Atlantic sailfish (*I. albicans*), unclassified other species, dolphinfish (*C. hippurus*), opah (*L. guttatus*), striped marlin (*T. audax*) and longbill spearfish (*T. pfluegeri*).

6 Species and weight transferred

The vessel contained 420 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	Percentage	Weight (t)	Percentage
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	1.65	0.08%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	2.59	0.12%
Albacore	<i>Thunnus alalunga</i>	Unk	5.48	0.26%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	8.39	0.40%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	15.72	0.74%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	24.54	1.17%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	E	0.00	0.00%	1.00	0.05%
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	1.27	0.06%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	W	0.00	0.00%	0.22	0.01%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1615.46	76.13%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1578.70	75.31%	0.00	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	NW	0.00	0.00%	0.51	0.02%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.04	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	Unk	0.68	0.03%	0.00	0.00%
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	Unk	0.05	0.00%	0.00	0.00%
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	W	0.00	0.00%	0.05	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	NW	0.00	0.00%	1.62	0.08%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	0.00	0.00%	0.68	0.03%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Unk	1.70	0.08%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	NW	0.00	0.00%	0.19	0.01%
Opah	<i>Lampris guttatus</i>	SE	0.00	0.00%	0.23	0.01%
Opah	<i>Lampris guttatus</i>	Unk	0.38	0.02%	0.00	0.00%

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	Percentage	Weight (t)	Percentage
Other fish Unclassified	N/A	SE	0.00	0.00%	0.80	0.04%
Other fish Unclassified	N/A	Unk	0.62	0.03%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NW	0.00	0.00%	0.21	0.01%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.14	0.01%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	12.49	0.59%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	25.07	1.18%
Swordfish	<i>Xiphias gladius</i>	Unk	46.15	2.20%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	435.04	20.50%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	436.57	20.83%	0.00	0.00%

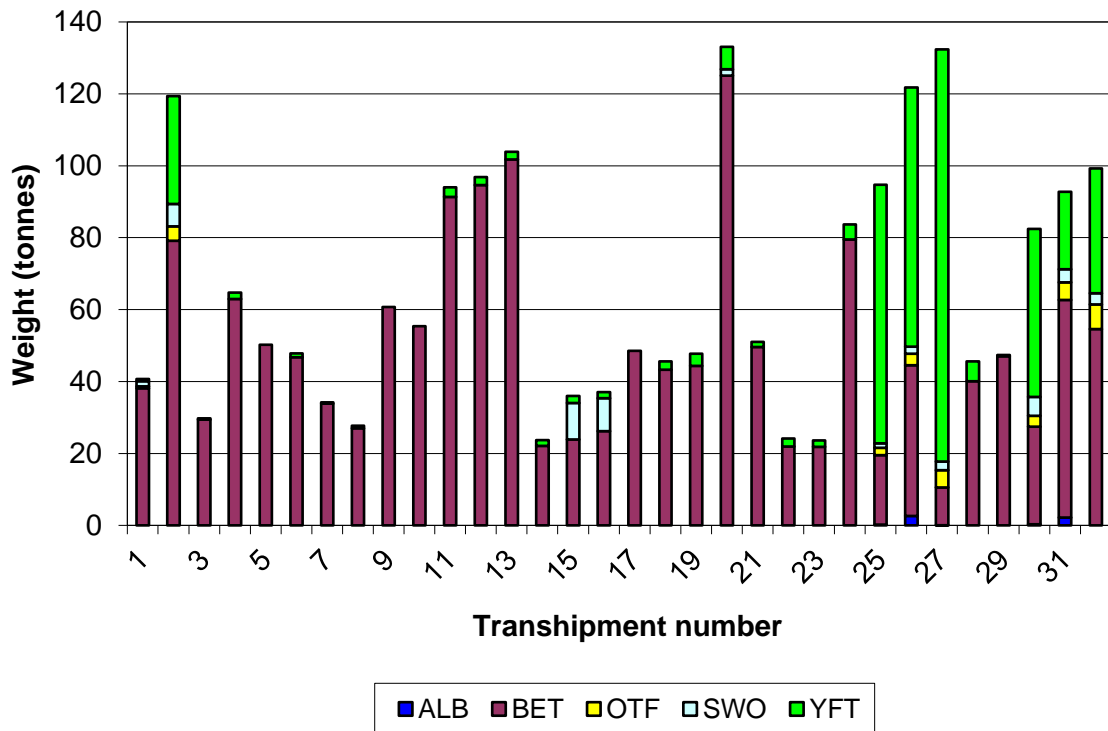


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	20.08
Atlantic blue marlin	<i>Makaira nigricans</i>	101.81
Atlantic sailfish	<i>Istiophorus albicans</i>	22.71
Bigeye tuna	<i>Thunnus obesus</i>	49.85

Common Name	Scientific name	Average weight
Dolphinfish	<i>Coryphaena hippurus</i>	7.19
Longbill spearfish	<i>Tetrapturus pfluegeri</i>	10.00
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	8.80
Opah	<i>Lampris guttatus</i>	13.07
Other fish Unclassified	N/A	25.79
Striped marlin	<i>Tetrapturus audax</i>	19.43
Swordfish	<i>Xiphias gladius</i>	51.45
Yellowfin tuna	<i>Thunnus albacares</i>	45.70

Comments:

Transshipments were dominated by bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*); both species were transhipped as gilled and gutted (GG). Three transshipments conducted in port at Sao Vicente included significant amounts of northern bluefin tuna (*T. thynnus* [GG]).

Albacore (*T. alalunga*) were also well represented, especially during transshipments from Japanese flagged vessels and were transhipped whole (RD).

The main bycatch species included:

swordfish (*Xiphias gladius*) in dressed (DR) - as well as filleted (FL) form,
 Atlantic blue marlin (*Makaira nigricans*) in a gilled and gutted or dressed form,
 opah (*Lampris guttatus*) in a dressed form
 small amounts of dolphinfish (*Coryphaena hippurus*) in a dressed form,
 Atlantic sailfish (*Istiophorus albicans*)
 striped marlin (*Tetrapturus audax*)
 longbill spearfish (*Tetrapturus pfluegeri*)
 and narrow-barred Spanish mackerel (*Scomberomorus commerson*) (DR).

No sharks were transhipped during the entire deployment.

A greater diversity of species was transhipped from Japanese flagged vessels. Vessels that were Chinese- or Chinese Taipei flagged typically transhipped only bigeye tuna (*T. obesus*), yellowfin tuna (*T. albacares*) and swordfish (*X. gladius*).

The carrier vessel used a hook-scale throughout the deployment. Observer estimates were calculated using data obtained from transshipment declarations. Tonnage and number of fish for each species represented in transshipments were specified and the average mass per fish for each species was calculated. The observer counted each string as it was loaded into the hold, identifying fish represented in the strings to species. The total count for each species at the end of the transshipment was multiplied by the average mass per species, thereby obtaining the total estimated tonnage for each species. The total estimated mass per transshipment was calculated by adding together the total mass for each represented species.

7 Southern bluefin tuna transhipments

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

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
20			Yes	16/03/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	14/03/20
21			Yes	17/03/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	17/03/20
22			Yes	18/03/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	17/03/20
23			Yes	18/03/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	Yes	Yes	Yes	PB	17/03/20
24			Yes	19/03/20	Yes	Yes	Yes	Yes	Yes	17/08/20	Yes	Y	Yes	Yes	Yes	PB	19/03/20
25			No	25/03/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		
26			No	26/03/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		
27			No	29/03/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		
28			No	31/03/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		
29			No	01/04/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		
30			No	06/04/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	No		No		
31			No	06/04/20	Yes	Yes	Yes	Yes	Yes	31/12/20	Yes	Y	No		No		
32			No	07/04/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	No		No		

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

Table 9 Comments on LSPLV checks

No	Comments
3	<p>The vessel markings on the bow were obscured by fouling.</p> <p>Figure 3 Bow markings of the XXX</p> <p>The logbook had entries for 24/02/2020 (page 1095718) and 26/02/2020 (1095719) on consecutively numbered pages, but did not contain an entry for 25/02/2020.</p>
17	<p>The International Radio Call Sign (IRCS) on the starboard side of the LSPLV was worn and illegible from a distance.</p> <p>Figure 4 IRCS markings of the XXX</p> <p>The logbook was not completed to date and only completed up to 12/03/2020.</p>
20	<p>The logbook was not completed to date. The last entry was made on 14/03/2020.</p>
22	<p>The LSPLV name on the bow was badly obscured by rust and not legible at a distance.</p> <p>Figure 5 Bow markings of the XXX</p>
25	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V2) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
26	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V2) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
27	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>

28	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V3) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
29	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V3) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
30	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V3) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
31	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on. The observer was able to locate and photograph a VMS antennae (MARGE V2) from the deck of the CV.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>
32	<p>The observer did not board LSPLVs for inspection due to the CIVID-19 risk. The observer was therefore unable to verify the VMS make and model and whether the unit was switched on.</p> <p>The logbook was not supplied and examined as this could be a source of infection. A copy of the ATF was sent to the CV for the observer's perusal.</p>

The observer made 4 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
3			1	LEI	IIM	
17			2	LND	IIM	
20			3	LND		
22			5	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

A well-managed waste disposal system was in place on board the carrier vessel. Waste was separated by type in clearly-marked containers at various places throughout the vessel. In addition, an incinerator was installed at the stern of the vessel on the starboard side.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
27/02/20	06:30	09°14.31'S	003°30.71'W	<i>Balaenopteridae</i> , Possibly humpback whale <i>Megaptera novaeangliae</i> Possible species identification based on blow characteristics.	1	Unknown. The animal was observed from a great distance.
18/03/20	12:00	06°01.47'N	029°59.03'W	Bottlenose dolphin <i>Tursiops truncatus</i> .	+/- 30	Swimming in a SW direction. Occasional porpoising behaviour observed.
24/03/20	18:00	16°52.95'N	025°00.43'W	Humpback whale <i>M. novaeangliae</i>	2	Breaching and fin slapping.

10 Health and Safety on board the CV

The observer did not have any specific health or safety concerns while on board the Taisei Maru No.24

11 Submitting Report to the Master

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

Yes	No
X	

Appendices –

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		24/02/2020	13°32.192'S	005°03.078'E	Bait, fuel, provisions and general cargo	Yes (5)
		25/02/2020	13°38.096'S	002°17.274'E	Bait, fuel, provisions and general cargo	Yes (5)
		26/02/2020	10°21.170'S	000°36.247'W	Fuel and general cargo	Yes (5)
		05/03/2020	06°18.955'S	018°51.377'W	Bait, provisions and general cargo	Yes (5)
		08/03/2020	05°48.632'S	021°05.027'W	General cargo and provisions	Yes (5)
		08/03/2020	05°47.291'S	021°05.171'W	Bait, general cargo and provisions	Yes (5)
		09/03/2020	05°28.252'S	023°54.744'W	General cargo and provisions	Yes (5)
		11/03/2020	04°51.846'N	027°59.449'W	Bait, general cargo and provisions	Yes (5)
		12/03/2020	04°57.231'N	030°01.878'W	Bait, general cargo and provisions	Yes (5)
		20/03/2020	10°31.295'N	028°13.641'W	Bait, general cargo and provisions	Yes (5)
		21/03/2020	11°03.190'N	028°05.276'W	Bait, general cargo and provisions	Yes (5)
		14/04/2020	27°58.134'S	001°57.255'E	Fuel	Yes (5)

Table 13 In-Port Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/03/2020	16°52.956'N	025°00.449'W	Frozen tuna and tuna-like species: 100 t	Yes (5)
		24/03/2020	16°52.949'N	025°00.428'W	Frozen tuna and tuna-like species: 285 t	Yes (9)
		26/03/2020	16°52.965'N	025°00.461'W	Frozen tuna and tuna-like species: 112 t	Yes (9)

Table 13 In-Port Transhipments observed

Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
			24/03/20	16°52.949 N	025°00.428 W	No	04:05	100.00%
			26/03/20	16°52.952 N	025°00.432 W	No	04:24	100.00%

ICCAT

Observer Report



Trip Number:	243/20
Vessel Name:	Lady Tuna
ICCAT Ref. No.	AT000PAN00199
Observer Name:	Miran Babić
Cruise Dates:	From: 11/03/2020 To: 29/05/2020

1 Cruise Summary

In accordance with the bilateral agreement between (United Japan Corporation and (MRAG), Miran Babić (Rop no.190) joined the Panama registered Carrier Vessel (CV) Lady Tuna (RFMO No. AT000PAN00199) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Indian Ocean from 11/03/2020 to 29/05/2020.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Lady Tuna	Call sign:	9EXQ2
Port of registration:	Cristobal	Flag State:	Panama
Owner:	Wang TAT Corporation, PTE. LTD. Singapore	Charterer:	United Japan Corporation, Tokyo
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2559 MT
Size (GRT):	4,538T	Length (LOA):	120.75m
Vessel monitoring system (present/absent):		Present	
Tuna products already on board (Quantity)		0	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cristobal Port, Panama
Date of embarkation	11/03/2020
Method of embarkation*	Transfer vessel in port
Date of departure	14/03/2020
Date of first transshipment	20/03/2020
Date of last transshipment	15/04/2020
Date of return	24/05/2020
Date of disembarkation	29/05/2020
Method of disembarkation*	Portside
Port of return	Shimizu, Japan

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

The observer transitted out of the ICCAT convention area on 24/04/2020 via the Panama Canal. Due to port closures and flight restrictions in place as a consequence of the Covid-19 pandemic the observer was unable to disembark. The observer remained with the vessel until it reached its final port stop – Shimizu, Japan. The observer remained with the vessel for four additional days on arrival into Shimizu to undergo processing from Japanese port authorities.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 39 transshipments at sea, the locations are shown in detail in

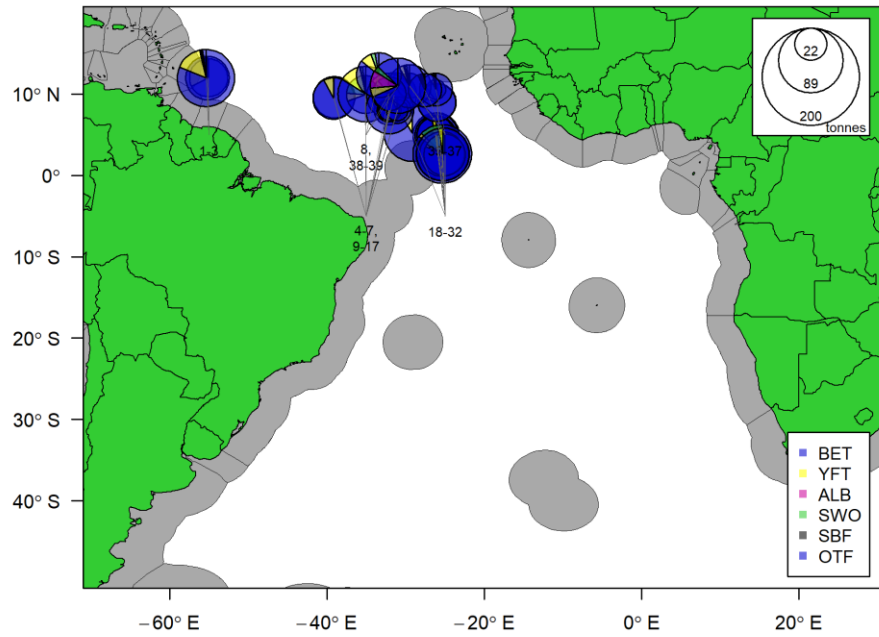


Figure 1, the numbers received by nationality of vessel are given in Table 1.

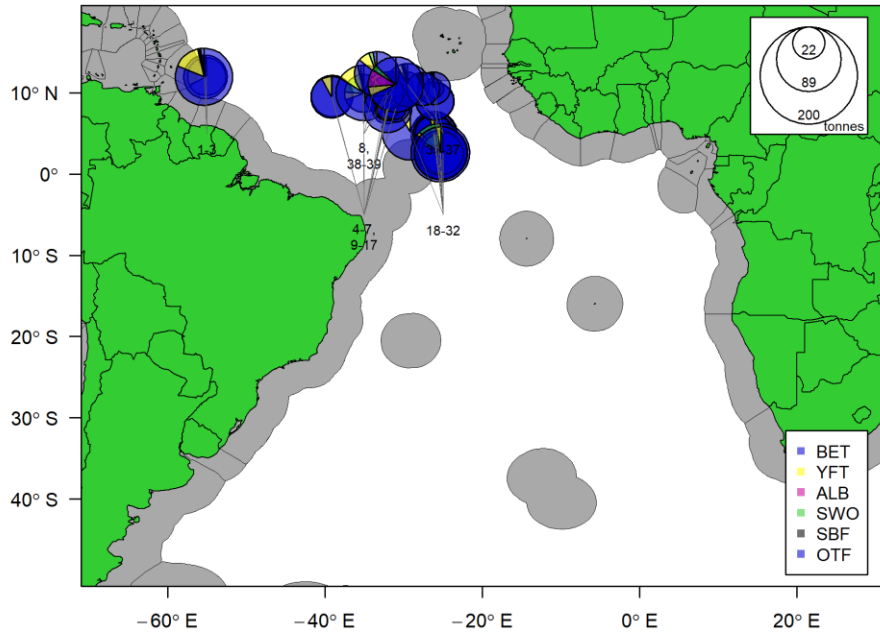


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	8
	17
	13
	1

Comments: Transhipments from 4 countries were noticed with majority of vessels from XXX and XXX
 NON-ROP – Transhipments concerning cargo and oil were held on several occasions.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	20/03/2020	12°00 N	055°03 W	4:30	100
2				Yes	21/03/2020	11°58 N	055°12 W	5:45	100
3				Yes	21/03/2020	11°58 N	055°24 W	8:15	100
4				Yes	26/03/2020	09°36 N	039°05 W	3:50	100
5				Yes	26/03/2020	09°27 N	039°09 W	3:05	100
6				Yes	28/03/2020	09°56 N	035°07 W	2:40	100
7				Yes	29/03/2020	09°59 N	035°05 W	4:00	100
8				Yes	30/03/2020	10°01 N	032°06 W	4:10	100
9				Yes	31/03/2020	09°52 N	031°28 W	6:00	100
10				Yes	31/03/2020	09°47 N	032°07 W	7:45	100
11				Yes	01/04/2020	08°03 N	032°03 W	5:10	100
12				Yes	01/04/2020	08°00 N	032°08 W	2:30	100
13				Yes	01/04/2020	07°58 N	032°12 W	3:10	100
14				Yes	02/04/2020	08°00 N	032°02 W	3:40	100
15				No	02/04/2020	07°59 N	032°05 W	5:50	100
16				No	03/04/2020	08°02 N	031°01 W	3:25	100
17				No	03/04/2020	08°01 N	031°05 W	2:25	100
18				No	04/04/2020	05°11 N	029°11 W	2:45	100
19				No	05/04/2020	05°00 N	026°00 W	5:55	100
20				No	05/04/2020	04°55 N	026°13 W	2:00	100
21				No	06/04/2020	04°57 N	026°07 W	3:10	100
22				No	06/04/2020	04°54 N	026°10 W	5:00	100
23				No	06/04/2020	04°51 N	026°13 W	4:00	100
24				No	07/04/2020	02°30 N	024°59 W	1:25	100
25				No	07/04/2020	02°32 N	025°03 W	1:30	100
26				No	08/04/2020	02°35 N	025°17 W	0:45	100
27				No	08/04/2020	02°35 N	025°17 W	1:00	100
28				No	08/04/2020	02°36 N	025°18 W	0:55	100
29				No	08/04/2020	02°38 N	025°21 W	0:35	100

30				No	08/04/2020	02°38 N	025°23 W	1:15	100
31				No	10/04/2020	08°59 N	026°00 W	4:30	100
32				No	10/04/2020	08°57 N	026°03 W	1:40	100
33				No	11/04/2020	10°33 N	026°10 W	2:05	100
34				No	11/04/2020	10°33 N	026°10 W	2:05	100
35				No	12/04/2020	10°29 N	027°33 W	6:55	100
36				No	13/04/2020	11°02 N	029°29 W	6:35	100
37				No	13/04/2020	10°58 N	029°31 W	2:40	100
38				No	14/04/2020	11°01 N	030°59 W	4:20	100
39				No	15/04/2020	12°19 N	033°25 W	6:45	100

Comments: All transhipments were observed, due to the Covid-19 pandemic, all boarding of fishing vessels was suspended on the 2nd of April to mitigate the spread of the virus between fishing vessels and the carrier.

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	59,810	61,659	4,643	5,147	0	0	0	0	64,453	66,806	2,353	3.52
2	64,990	66,697	3,400	3,900	0	0	0	0	68,390	70,597	2,207	3.13
3	96,110	100,209	7,980	9,374	0	0	0	0	104,090	109,583	5,493	5.01
4	61,090	59,741	0	0	0	0	0	0	61,090	59,741	-1,349	-2.26
5	62,810	60,000	0	0	0	0	0	0	62,810	60,000	-2,810	-4.68
6	48,320	48,063	2,585	2,549	0	0	0	0	50,905	50,612	-293	-0.58
7	47,070	48,000	1,930	2,000	0	0	0	0	49,000	50,000	1,000	2.00
8	73,350	77,061	2,634	2,787	7,605	7,613	0	0	83,589	87,461	3,872	4.43
9	93,310	93,688	5,025	5,330	1,782	1,782	0	0	100,117	100,800	683	0.68
10	103,420	102,200	2,600	2,800	15,740	15,000	0	0	121,760	120,000	-1,760	-1.47
11	68,640	70,000	0	0	0	0	0	0	68,640	70,000	1,360	1.94
12	49,000	50,000	0	0	0	0	0	0	49,000	50,000	1,000	2.00
13	39,010	40,178	4,741	4,930	4,791	4,800	0	0	48,542	49,908	1,366	2.74
14	52,500	48,800	1,280	1,200	10,550	10,000	0	0	64,330	60,000	-4,330	-7.22
15	93,683	94,500	2,500	2,770	0	0	0	0	96,183	97,270	1,087	1.12
16	60,880	59,500	500	500	0	0	0	0	61,380	60,000	-1,380	-2.30
17	54,300	55,120	5,100	4,880	0	0	0	0	59,400	60,000	600	1.00
18	36,100	34,724	3,260	3,500	14,580	12,000	0	0	53,940	50,224	-3,716	-7.40
19	92,670	90,370	11,880	13,400	14,700	1,400	1,990	2,000	121,240	107,170	-14,070	-13.13
20	30,380	30,000	0	0	0	0	0	0	30,380	30,000	-380	-1.27
21	64,820	64,195	5,300	5,811	0	0	0	0	70,120	70,006	-114	-0.16
22	63,480	60,730	9,240	9,477	0	0	0	0	72,720	70,207	-2,513	-3.58
23	77,960	80,000	0	0	0	0	0	0	77,960	80,000	2,040	2.55
24	22,780	22,100	1,790	2,100	440	467	0	0	25,010	24,667	-343	-1.39
25	16,590	16,273	1,740	1,715	0	0	0	0	18,330	17,988	-342	-1.90
26	17,100	17,360	4,000	480	60	67	0	0	21,160	17,907	-3,253	-18.17
27	13,530	13,652	400	400	100	234	0	0	14,030	14,286	256	1.79
28	15,100	14,796	1,000	1,111	100	169	0	0	16,200	16,076	-124	-0.77
29	13,240	12,466	1,000	984	0	0	0	0	14,240	13,450	-790	-5.87

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
30	19,650	20,195	1,480	1,556	0	0	0	0	21,130	21,751	621	2.86
31	57,290	59,323	1,952	2,063	890	891	1,180	1,389	61,312	63,666	2,354	3.70
32	36,000	36,340	130	244	347	348	896	404	37,373	37,336	-37	-0.10
33	34,840	35,734	630	683	710	608	970	905	37,150	37,930	780	2.06
34	34,160	32,441	70	127	3,290	2,017	4,230	4,459	41,750	39,044	-2,706	-6.93
35	61,210	60,000	5,710	6,000	2,750	2,000	1,820	2,000	71,490	70,000	-1,490	-2.13
36	74,357	72,829	5,100	5,534	4,490	3,224	12,800	13,941	96,747	95,528	-1,219	-1.28
37	35,560	34,173	11,370	12,827	1,700	1,540	1,320	1,752	49,950	50,292	342	0.68
38	63,740	62,845	603	604	1,120	586	960	1,282	66,423	65,317	-1,106	-1.69
39	94,330	92,896	17,220	17,526	1,190	942	1,649	2,201	114,389	113,565	-824	-0.73

Comments:

Two transshipments were exceed 10 % difference in the vessels and observers figures. XXX (TS19) and XXX (TS26) had very large mixed strings which made it difficult to get an exact count of the number of fish.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	<i>Thunnus alalunga</i>	All	14.430	0.61	15.546	0.67
Atlantic blue marlin	<i>Makaira nigricans</i>	All	13.225	0.56	14.582	0.63
Bigeye tuna	<i>Thunnus obesus</i>	All	2,103.180	89.62	2,098.858	90.11
Striped marlin	<i>Tetrapturus audax</i>	All	0.160	0.01	0.205	0.01
Swordfish	<i>Xiphias gladius</i>	All	36.810	1.57	32.709	1.40
Swordfish	<i>Xiphias gladius</i>	N	30.501	1.30	15.696	0.67
Swordfish	<i>Xiphias gladius</i>	S	19.624	0.84	17.283	0.74
Yellowfin tuna	<i>Thunnus albacares</i>	All	128.793	5.49	134.309	5.77

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

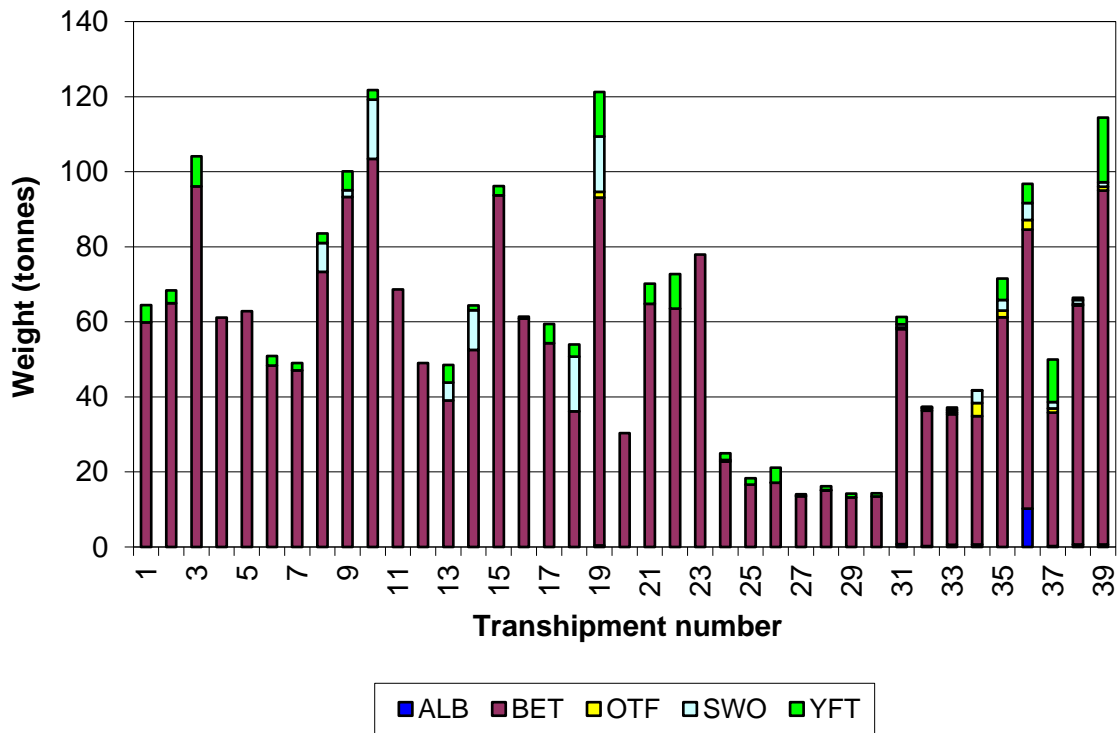


Table 5 Average weight of fish transhipped by species (kg)

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	19.71
Atlantic blue marlin	<i>Makaira nigricans</i>	89.97
Bigeye tuna	<i>Thunnus obesus</i>	46.97
Striped marlin	<i>Tetrapturus audax</i>	14.55
Swordfish	<i>Xiphias gladius</i>	68.56
Yellowfin tuna	<i>Thunnus albacares</i>	42.50

Comments:

All species transhipped were processed and frozen on LSTLVs before they were transhipped on CV.

Bigeye tuna (*Thunnus obesus*) was the most commonly transhipped species with 90.11% (2098,86T) of the total weight. Yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*), Atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*) were transhipped in lesser quantities.

Bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*) and striped marlin (*Tetrapturus audax*) were transhipped as Gilled and Gutted (GG). Swordfish (*Xiphias gladius*) and Atlantic blue marlin (*Makaira nigricans*) were transhipped as Head off (HO). Albacore (*Thunnus alalunga*) was the only species transhipped as Rounded weight (RD).

Species weight was taken from the LSPLVs declared figures. The average weight was calculated by dividing the total weight with the observed number of fish transhipped.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	20/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	19/03/20
2			Y	21/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	20/03/20
3			Y	21/03/20	Y	Y	Y	Y	Y	28/09/20	Y	Y	Y	Y	Y	PB	19/03/20
4			Y	26/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	23/03/20
5			Y	26/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	24/03/20
6			Y	28/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	26/03/20
7			Y	29/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	28/03/20
8			Y	30/03/20	Y	Y	Y	Y	Y	14/07/20	Y	Y	Y	Y	Y	PB	29/03/20
9			Y	31/03/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	30/03/20
10			Y	31/03/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	PB	30/03/20
11			Y	01/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	29/03/20
12			Y	01/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	29/03/20
13			Y	01/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	Y	Y	Y	PB	31/03/20
14			Y	02/04/20	Y	Y	Y	Y	Y	31/07/20	Y	Y	Y	Y	Y	PB	31/03/20
15			N	02/04/20	Y	Y	Y	Y	Y	31/01/21	N	N	N	U	Y	PB	31/03/20
16			N	03/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	N	U	Y	PB	02/04/20
17			N	03/04/20	Y	Y	Y	Y	Y	31/03/99	Y	Y	N	U	Y	PB	02/04/20
18			N	04/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
19			N	05/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
20			N	05/04/20	Y	Y	Y	Y	Y	26/06/20	Y	Y	N	U	Y	PB	04/04/20

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
21			N	06/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	N	U	Y	PB	04/04/20
22			N	06/04/20	Y	Y	Y	Y	Y	31/12/20	Y	Y	N	U	Y	PB	04/04/20
23			N	06/04/20	Y	Y	Y	Y	Y	07/08/20	Y	Y	N	U	Y	PB	05/04/20
24			N	07/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
25			N	07/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
26			N	08/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
27			N	08/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
28			N	08/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	06/04/20
29			N	08/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
30			N	08/04/20	Y	Y	Y	Y	Y	31/03/21	Y	Y	N	U	Y	PB	05/04/20
31			N	10/04/20	Y	Y	Y	Y	Y	31/07/20	Y	Y	N	U	Y	EL	U
32			N	10/04/20	Y	Y	Y	Y	Y	31/07/20	Y	Y	N	U	Y	EL	U
33			N	11/04/20	Y	Y	Y	Y	Y	31/07/20	Y	Y	N	U	Y	EL	U
34			N	11/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
35			N	12/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
36			N	13/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
37			N	13/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
38			N	14/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U
39			N	15/04/20	Y	Y	Y	Y	Y	31/07/22	Y	Y	N	U	Y	EL	U

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

Comments

Table 9 **Comments on LSPLV checks**

No	Comments
03	<p>XXX The call sign on Bow of this vessel was partially unreadable at the time of transshipment. A PNC raised at debriefing.</p> <p>Figure 3 XXX Bow Markings</p>
15	<p>XXX The vessels ATF and ATT presented to the observer did not fit the requirements of ICCAT recommendation 16-15. The ATF was provided as a single sheet detailing only an authorisation period for this year. All other information on the vessel, CPCs authorisation signatures and fishing area were absent. The ATF was provided in a pack containing previous expired fishing licences.</p> <p>No ATT was presented to the observer during this transshipment.</p> <p>A PNC was raised for this at debriefing.</p> <p>Figure 4 XXX Vessel ATF authorised for 2020 (left) and previous licence for 2019 (right)</p>

The observer made 2 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1	XXX	XXX	24303	IIM		
2	XXX	XXX	24315	AIA	DNP	

Two PNCs were raised at the debriefing on the 10th June.
 The XXX was submitted to the flag state on the 10th June.
 The XXX was pending review from a previous PNC so not resubmitted.

9 Other Observer Tasks.

9.1 CV waste disposal

Each type of waste is separated and gathered in black bags for disposal in port. No incinerators were present on vessel.

9.2 Unidentified or IUU vessels

No IUU vessels were seen.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
NA						

No marine mammals were seen.

10 Health and Safety on board the CV

There were no health and safety concerns during this deployment. The CV did not perform any safety drills during this voyage.

11 Submitting Report to the Master

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

Yes	No
X	

ICCAT

Observer Report



Trip Number:	244-20
Vessel Name:	Futagami
ICCAT Ref. No.	AT000PAN00254
Observer Name:	Llewellyn Lewis
Cruise Dates:	From: 25/02/2020 To: 27/04/2020

1 Cruise Summary

In accordance with the bilateral agreement between Van Ocean Shipping Co. Limited and Capricorn Fisheries Monitoring CC, Llewellyn Lewis (ROP no. 115) joined the Panama registered Carrier Vessel (CV) Futagami (RFMO no. AT000PAN00254) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Indian Ocean from 25/02/2020 to 27/04/2020.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Futagami	Call sign:	3FCH7
Port of registration:	Panama	Flag State:	Panama
Owner:	Hong kong LHF Pelagic Co. Limited	Charterer:	Van Ocean Shipping Co. Limited
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4029.75 m ³
Size (GRT):	2,581	Length (LOA):	88.94 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
Date of embarkation	25/02/2020
Method of embarkation*	Portside
Date of departure	25/02/2020
Date of first transshipment	13/03/2020
Date of last transshipment	05/04/2020
Date of return	Not applicable – The observer transferred to the CV Hsiang Hao
Date of disembarkation	27/04/2020
Method of disembarkation*	Transferred at sea
Port of return	N/A

Comments:

The CV left port Cape Town on the 25/02/2020 at 20:10 LT and dropped anchor outside the harbour at 21:00 LT. The CV sailed for the Atlantic ocean on the 28/02/2020 at 16:30 LT.

On the 27/04/2020 the observer was transferred at sea in position 31° 56.1124 S / 009° 56.5087 E to the Panama flag CV Hsiang Hao.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 20 transhipments at sea, the locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1. Due to the impact of COVID-19 the disembarkation of the observer in was not allowed in any of the accessible ports. As an alternative measure the observer was transferred to the CV Hsiang Hao, also acting as the ICCAT observer.

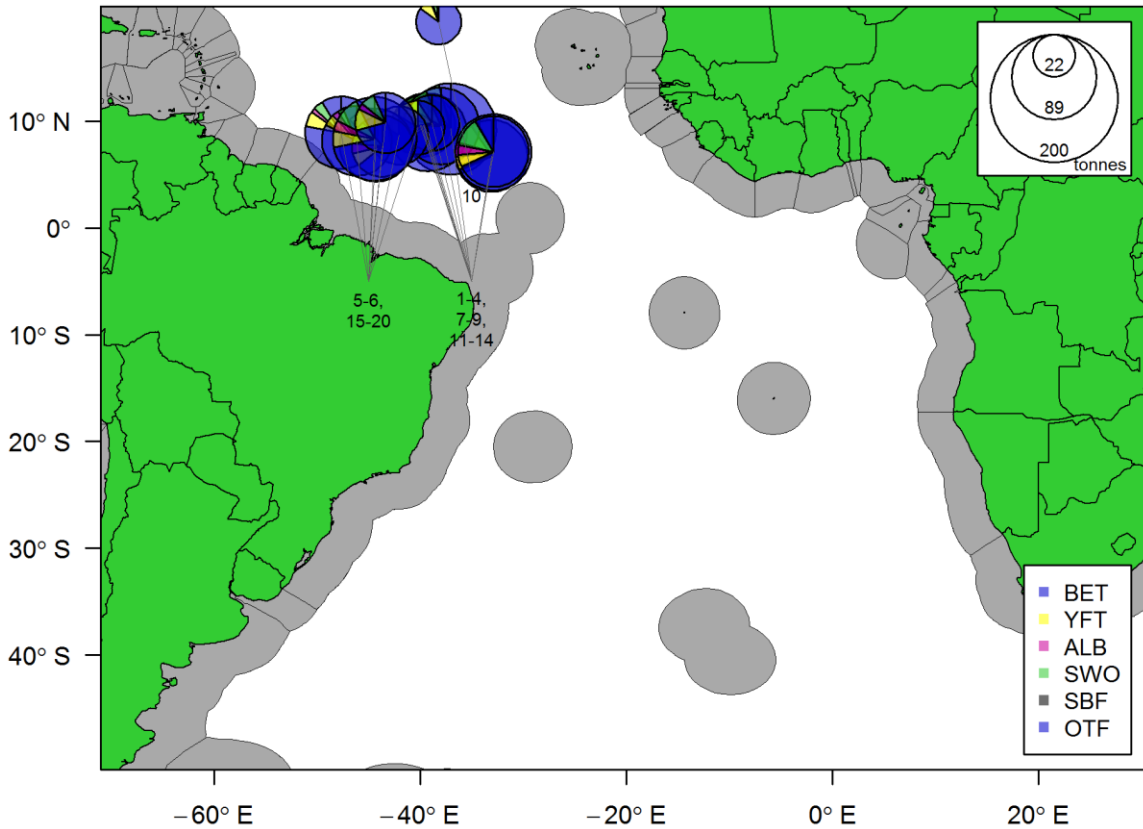


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX.	20

Comments:

In addition to the transhipments listed in Table 1, the CV was refuelled at sea from the M/t XXX. Details are given in Table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	date	Latitude	Longitude	Inspected	Transshipment time	% Observed
1				13/03/20	09°37.03 N	039°39.7 W	Yes	03:25	100.00%
2				13/03/20	09°36.35 N	039°41.19 W	Yes	03:12	100.00%
3				14/03/20	09°34.86 N	039°54.1 W	Yes	03:37	100.00%
4				14/03/20	09°34.4 N	039°59.68 W	Yes	03:05	100.00%
5				15/03/20	08°39.02 N	042°02.68 W	Yes	11:47	100.00%
6				17/03/20	09°23.36 N	040°15.29 W	Yes	06:02	100.00%
7				18/03/20	08°56.49 N	039°14.85 W	Yes	06:28	100.00%
8				19/03/20	09°32.17 N	037°58.27 W	Yes	06:44	100.00%
9				20/03/20	09°16.2 N	037°03.38 W	Yes	08:16	100.00%
10				21/03/20	19°17.56 N	038°12.73 W	Yes	03:24	100.00%
11				22/03/20	09°49.4 N	038°53.66 W	Yes	05:59	100.00%
12				24/03/20	07°09.01 N	032°54.27 W	No	02:28	100.00%
13				24/03/20	07°05.22 N	032°54.54 W	No	02:59	100.00%
14				25/03/20	06°45 N	033°05.12 W	No	04:14	100.00%
15				29/03/20	08°54.94 N	047°39.8 W	No	05:21	100.00%
16				30/03/20	08°09.77 N	046°09.68 W	No	05:28	100.00%
17				31/03/20	07°38.84 N	043°40.65 W	No	03:38	100.00%
18				03/04/20	07°45.87 N	044°17.15 W	No	06:49	100.00%
19				04/04/20	08°20.28 N	044°25.13 W	No	03:23	100.00%
20				05/04/20	09°50.27 N	043°22.88 W	No	03:05	100.00%

Comments:

All LSPLV on-board inspections were suspended as of the 24/03/2020 as a result of the COVID-19 virus outbreak. All documents relevant to the on-board inspection were transferred to the CV for perusal.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	57.8136	55.431	3.6624	10.381	1.7688	1.37	0	0	63.2448	67.182	3.94	5.86%
2	50.0415	48.046	1.592	1.954	0	0	0	0	51.6335	50	-1.63	-3.27%
3	49.303	47.322	2.3751	2.868	0	0	0	0	51.6781	50.19	-1.49	-2.96%
4	50.4595	48.113	3.227	3.597	0	0	0	0	53.6865	51.71	-1.98	-3.82%
5	112.5206	116.833	4.4392	6.447	5.3424	9.442	6.3769	5.965	128.6791	138.687	10.01	7.22%
6	45.6995	59.95	1.344	2.241	13.772	12.055	7.2813	8.36	68.0968	82.606	14.51	17.56%
7	76.194	76.373	3.3282	5.544	12.7925	13.446	4.4515	4.421	96.7662	99.784	3.02	3.02%
8	67.2543	75.748	3.8357	3.234	10.656	10.09	6.9821	6.647	88.7281	95.719	6.99	7.30%
9	62.7164	66.856	4.6125	5.492	15.3664	12.553	7.8969	7.992	90.5922	92.893	2.30	2.48%
10	34.1836	34.484	1.071	1.45	11.7066	10.319	4.8533	4.708	51.8145	50.961	-0.85	-1.67%
11	55.86	57.922	4.03	4.658	12.017	11.315	7.4887	7.454	79.3957	81.349	1.95	2.40%
12	47.4096	41.53	3.96	7.97	0	0	0	0	51.3696	49.5	-1.87	-3.78%
13	47.7988	48.077	6.328	9.453	0	0	0	0	54.1268	57.53	3.40	5.92%
14	81.634	79.1	6.7179	11.9	0	0	0	0	88.3519	91	2.65	2.91%
15	67.851	69.817	5.5188	6.096	3.5259	3.795	7.6827	8.057	84.5784	87.765	3.19	3.63%
16	63.0752	68.731	3.6822	4.481	1.5934	2.057	5.451	5.492	73.8018	80.761	6.96	8.62%
17	38.106	40.847	3.6504	4.241	8.736	8.018	6.8855	6.861	57.3779	59.967	2.59	4.32%
18	91.7325	85.893	4.7244	7.499	10.769	12.563	8.9838	8.708	116.2097	114.663	-1.55	-1.35%
19	40.8672	44.317	4.2804	7.165	5.2332	4.856	4.1294	4.017	54.5102	60.355	5.84	9.68%
20	30.932	29.748	1.9908	3.042	1.1502	1.288	0.4836	0.629	34.5566	34.707	0.15	0.43%

Comments:

Transshipment #6: The transshipment started just before sunset and large strings of bigeye tuna (*Thunnus obesus*) were transferred. The warm humid air at the time vaporised around the frozen fish resulting in the string becoming invisible in the CV lights. This combination made it difficult for the observer to obtain an accurate count and he counted 384 fewer fish for *T. obesus* than the declared amount.

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! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			weight (t)	%	weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	44.56	2.98%
Albacore	<i>Thunnus alalunga</i>	Unk	44.40	3.09%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	25.52	1.70%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	24.09	1.67%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.00	0.00%	0.25	0.02%
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	0.34	0.02%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1195.14	79.82%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1171.45	81.40%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	Unk	2.46	0.17%	0.00	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.00	0.00%	1.26	0.08%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Unk	1.06	0.07%	0.00	0.00%
Oilfish	<i>Ruvettus pretiosus</i>	All	0.00	0.00%	5.62	0.38%
Oilfish	<i>Ruvettus pretiosus</i>	Unk	4.29	0.30%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	2.06	0.14%
Opah	<i>Lampris guttatus</i>	Unk	2.02	0.14%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Unk	0.22	0.02%	0.00	0.00%
Skipjack tuna	<i>Katsuwonus pelamis</i>	Unk	0.01	0.00%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	All	0.00	0.00%	0.05	0.00%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.05	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	3	0.00	0.00%	1.37	0.09%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	17.54	1.17%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	94.26	6.30%
Swordfish	<i>Xiphias gladius</i>	Unk	114.43	7.95%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	109.71	7.33%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	74.37	5.17%	0.00	0.00%

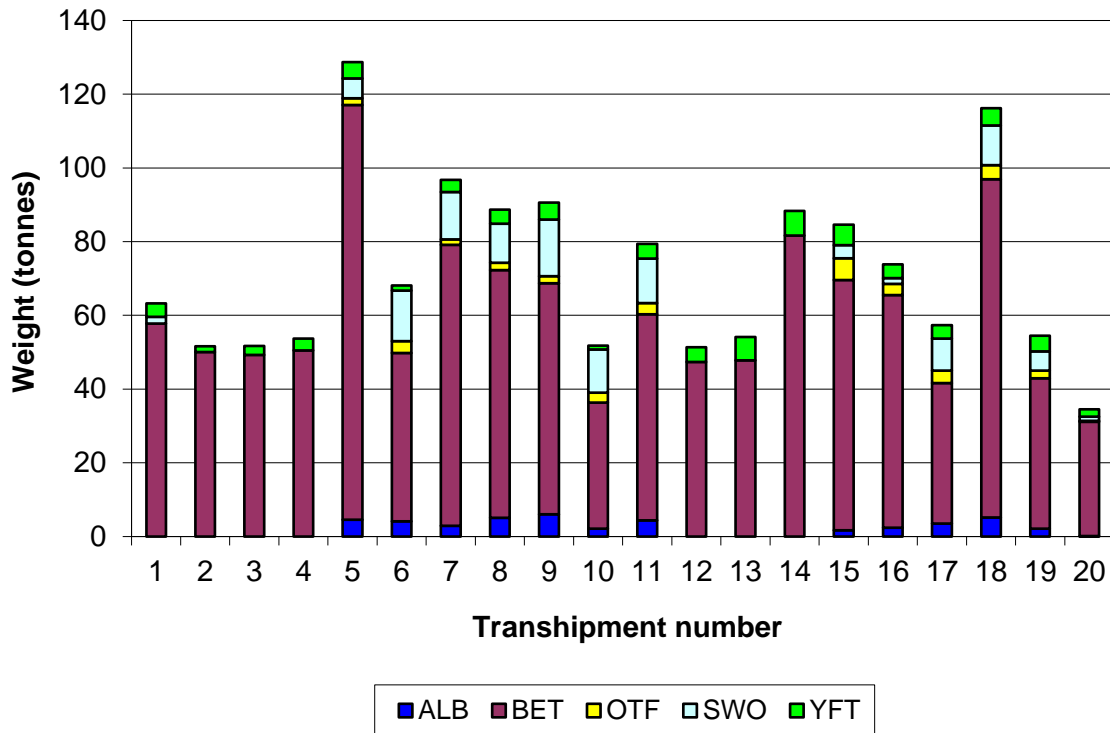


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	23.85
Atlantic blue marlin	<i>Makaira nigricans</i>	65.81
Atlantic sailfish	<i>Istiophorus albicans</i>	17.20
Bigeye tuna	<i>Thunnus obesus</i>	40.56
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	79.40
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	17.43
Oilfish	<i>Ruvettus pretiosus</i>	17.17
Opah	<i>Lampris guttatus</i>	16.20
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	19.80
Skipjack tuna	<i>Katsuwonus pelamis</i>	8.00
Striped marlin	<i>Tetrapturus audax</i>	50.00
Swordfish	<i>Xiphias gladius</i>	56.18
Yellowfin tuna	<i>Thunnus albacares</i>	38.35

Comments:

Fish was transferred directly out of the LSPLV hold in strings and transferred to the CV, except for two occasions during the voyage when fish was first placed on the LSPLV deck and bunched together before being hauled to the CV. The CV did not make use of a hook scale to obtain independent weights. The weights declared by the LSPLVs were used in the Transshipment Declaration (TD). The observer used the declared weight and number of fish to calculate a vessel average. These averages mostly appeared realistic compared to the observed average weights except for transshipment 1, where the

declared average weight for sword fish (*Xiphias gladius*) was 26.8kg and appeared unrealistic. The observer visual estimation for this species was 41.2kg. The observed average weight were visually made by using the weight of the fish that was used for temperature analysis as a source or reference for tuna like species when the weight was confirmed by means of an electronic scale.

Species and their process codes observed during the voyage were as follows:

Common Name	Scientific name	Process type	Process code
Albacore	<i>Thunnus alalunga</i>	Whole (Round)	RD
Atlantic blue marlin	<i>Makaira nigricans</i>	Headed, gutted & tailed	DR
Atlantic sailfish	<i>Istiophorus albicans</i>	Headed, gutted & tailed	DR
Bigeye tuna	<i>Thunnus obesus</i>	Headed, gilled & gutted	GG
billfish	<i>Istiophoridae</i>	Headed, gutted & tailed	DR
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Headed, gutted & tailed	DR
Oilfish	<i>Ruvettus pretiosus</i>	Whole (Round)	RD
Oilfish	<i>Ruvettus pretiosus</i>	Headed, gutted & tailed	DR
Opah	<i>Lampris guttatus</i>	Headed, gutted & tailed	DR
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Headed, gutted & tailed	DR
Skipjack tuna	<i>Katsuwonus pelamis</i>	Whole (Round)	RD
Striped marlin	<i>Tetrapturus audax</i>	Headed, gilled & gutted	GG
Swordfish	<i>Xiphias gladius</i>	Headed, gutted & tailed	DR
Yellowfin tuna	<i>Thunnus albacares</i>	Headed, gilled & gutted	GG

7 Southern bluefin tuna transhipments

No Southern bluefin tuna (*Thunnus maccoyii*) was transferred for the voyage.

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

8 LSPLV Checks

On-board checks were carried out for transhipments 1 to 11. From transhipment 12 the checks were not conducted as the observer was instructed not by the observer was instructed to stop all these checks as a measure to minimise the risk of infection.

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Yes	Yes	Yes	Yes	PB	12/03/20
2			Yes	13/03/20	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Yes	Yes	Yes	Yes	PB	13/03/20
3			Yes	14/03/20	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Yes	Yes	Yes	Yes	PB	13/03/20
4			Yes	14/03/20	Yes	Yes	Yes	Yes	Yes	31/03/99	Yes	Yes	Yes	Yes	Yes	PB	14/03/20
5			Yes	15/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	14/03/20
6			Yes	17/03/20	Yes	Yes	No	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	17/03/20
7			Yes	18/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	17/03/20
8			Yes	19/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	18/03/20
9			Yes	20/03/20	Yes	Yes	Yes	Yes	Yes	30/03/20	Yes	Yes	Yes	Yes	Yes	PB	19/03/20
10			Yes	21/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	20/03/20
11			Yes	22/03/20	Yes	Yes	No	Yes	Yes	31/03/20	Yes	Yes	Yes	Yes	Yes	PB	21/03/20
12			No	24/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	No	U	Yes	PB	23/03/20
13			No	24/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	No	U	Yes	PB	23/03/20
14			No	25/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	No	U	Yes	PB	25/03/20
15			No	29/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	No	U	Yes	PB	28/03/20
16			No	30/03/20	Yes	Yes	Yes	Yes	Yes	31/03/20	Yes	Yes	No	U	Yes	PB	29/03/20
17			No	31/03/20	Yes	Yes	Yes	Yes	No	31/03/20	Yes	Yes	No	U	Yes	PB	30/03/20
18			No	03/04/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	No	U	Yes	PB	02/04/20
19			No	04/04/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	No	U	Yes	PB	04/04/20
20			No	05/04/20	Yes	Yes	Yes	Yes	Yes	31/03/25	Yes	Yes	No	U	Yes	PB	04/04/20

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

Table 9 Comments on LSPLV checks

No	Comments
2	<p>The LSPLV markings on the bow were worn and not legible at a distance. The weld marks could be seen when the vessel was close.</p> <p>Figure 3 Bow markings of the XXX</p>
6	<p>The National Registration Number (NRN) reflected on the observer's ROP vessel list provided was "(XXX)" and did not correspond with the NRN "(XXX)" shown on the Authorization To Fish (ATF). In addition, another different NRN XXX was used to complete the Transshipment Declaration (TD). The ICCAT website was checked at the end of the deployment and reflected yet another NRN as "(XXX)"</p> <p>Figure 4 Different NRN used on the ATF (Left) and the TD (Right)</p>
11	<p>The LSTLV NRN provided by the ROP records was XXX and did not correspond with the NRN XXX listed by the ATF or the NRN XXX used to complete the TD.</p> <p>Figure 5 Inconsistent NRN used on the ATF (Left) and the TD (Right)</p>
12	<p>The Authorization to Tranship (ATT) specified that the transshipment was to take place in the approximate are of 02-51N and 7-24W. The transshipment took place at 07°09.013'N 032° 54.267'W.</p>
13	<p>The ATT specified the transshipment location as the approximate area of 02- 51N and 07-24W. The transshipment took place at 07°05.217'N 032°54.54'W.</p>
14	<p>The ATT specified the transshipment location as the approximate area of 2- 51N and 7 -24W. The transshipment took place at 06°44.996'N 033°05.116'W.</p>
15	<p>The ATT specified the transshipment location as the approximate area of 07- 40 N and 037- 40 W. The transshipment took place at 08°54.937'N 047°39.796'W.</p>

No	Comments
16	<p>The LSPLV name markings on the bow and stern were partially worn. The letter "E" on the bow was not legible and the number 3 was not legible on the stern.</p> <p>Figure 6 Partially worn bow (Left) and stern (right) markings displayed by the XXX</p> <p>The ATT specified the transshipment location as the approximate area of 07- 40 N and 037- 40 W. The transshipment took place at 08° 09.768'N and 046°09.681'W.</p>
17	<p>The LSPLV logbook pages were not individually numbered in the space provided. The last page numbered was page #3 on the 30/10/2019.</p> <p>Figure 7 Logbook page from the XXX</p> <p>The ATT indicated the transshipment was planned to be conducted around 07- 40 N and 037- 40 W. The transshipment took place at 07° 38.844'N 043° 40.653' W.</p>
18	<p>The LSPLV markings on the starboard bow were almost completely worn away and were not legible.</p> <p>Figure 8 Vessel name markings on the port bow of the XXX</p> <p>The ATT indicated the transshipment was planned to be conducted around 07- 40 N and 037- 40 W. The transshipment took place at 07° 45.874' N 044° 17.147'W.</p>
19	<p>The ATT indicated the transshipment was planned to be conducted around 7- 40 N and 37- 40 W. The transshipment took place at 08°20.283'N 044° 25.13'W.</p>
20	<p>The ATT indicated the transshipment was planned to be conducted around 7- 40 N and 37- 40 W. The transshipment took place at 09° 50.269'N 043° 22.877 W.</p>

The observer made 4 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
2			1	IIM		
16			2	IIM		
17			3	LNN		
18			4	IIM		

Comments:

Photographs and further comments are provided in Table 9.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV was equipped with colour-coded drums to separate different categories of waste. The observer however noted that no effort was made to separate different waste categories and the waste was mixed in these drums. Only in the galley waste was separated into two categories food waste and other. Food waste was disposed of over the side on a daily bases. All other waste was retained for land disposal and stored in the drums. When these drums started to fill up, the CV used large empty plastic oil containers and wooden made containers to store additional waste.



Figure 9 Waste storage on board the CV

9.2 Unidentified or IUU vessels

On the 17/03/2020 one unknown vessel resembling a small fishing vessel was sighted and appeared to be drifting approximately 0.6NM from the CV which was located at 09°37.932N 040°25.948W. The vessel markings were not visible at this distance and the vessel was recorded as unidentified.



Figure 10 Unidentified vessel sighted (left) and CV location (right).

9.3 Marine mammals.

For the duration of transshipment #11 on the 22/03/2020, 20 bottle nosed dolphins were sighted at the bow of the vessel. The animals appeared to be hunting as they tracked

fish beneath the water surface in groups of 5. Each dive was approximately 3-4 minutes. Thereafter they would surface in the same groups of 5 and repeat the pattern. The dolphins appeared to be bottlenose dolphin (either *Tursiops aduncus* or *Tursiops truncatus*).



Figure 11 Mammals sighted on 22/02/2020

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
22/03/20	11:00 LT	09° 49.39N	-038° 53.66W	Bottlenose dolphins (<i>Tursiops sp.</i>)	20	Hunting

10 Health and Safety on board the CV

No significant health and safety issues were encountered for the voyage.

11 Submitting Report to the Master

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

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		06/04/2020	07 ⁰ 39.720	-043 ⁰ 19.538	The CV was refuelled.	Yes

ICCAT

Observer Report



Trip Number:	245-20
Vessel Name:	HSIANG HAO
ICCAT Ref. No.	AT000PAN00228
Observer Name:	Llewellyn Lewis
Cruise Dates:	From: 27/04/2020 To: 04/07/2020

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Fisheries Monitoring CC, Llewellyn Lewis (ROP no.115) joined the Panama registered Carrier Vessel (CV) Hsiang Hao (RFMO no. AT000PAN00228) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Indian Ocean from 27/04/2020 to 04/07/2020.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Hsiang Hao	Call sign:	HOFD
Port of registration:	Panama	Flag State:	Panama
Owner:	Ryoma Marine Transport Corp.	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4,021MT / 293,916 CBFT
Size (GRT):	7,139	Length (LOA):	137.01m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	445.68mt		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	N/A Transfer at sea
Date of embarkation	27/04/2020
Method of embarkation*	Transfer at sea from the CV Futagami
Date of departure	27/04/2020
Date of first transshipment	28/04/2020
Date of last transshipment	01/07/2020
Date of return	04/07/2020
Date of disembarkation	04/07/2020
Method of disembarkation*	Portside
Port of return	Cape Town

Comments:

The observer was transferred at sea from the CV Futagami at position 31° 56.112 S / 009° 56.509 E on the 27/04/2020 at 15:00 UTC +2.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 36 transshipments at sea, the locations are shown in detail in Figure 1. The numbers received by nationality of vessel are given in Table 1. The observer transferred from the CV Futagami as he was not allowed to disembark as planned due to travel restrictions imposed due to COVID-19. In addition, the observer was quarantined for a 14 day period in Cape Town after disembarking from the Hsiang Hao.

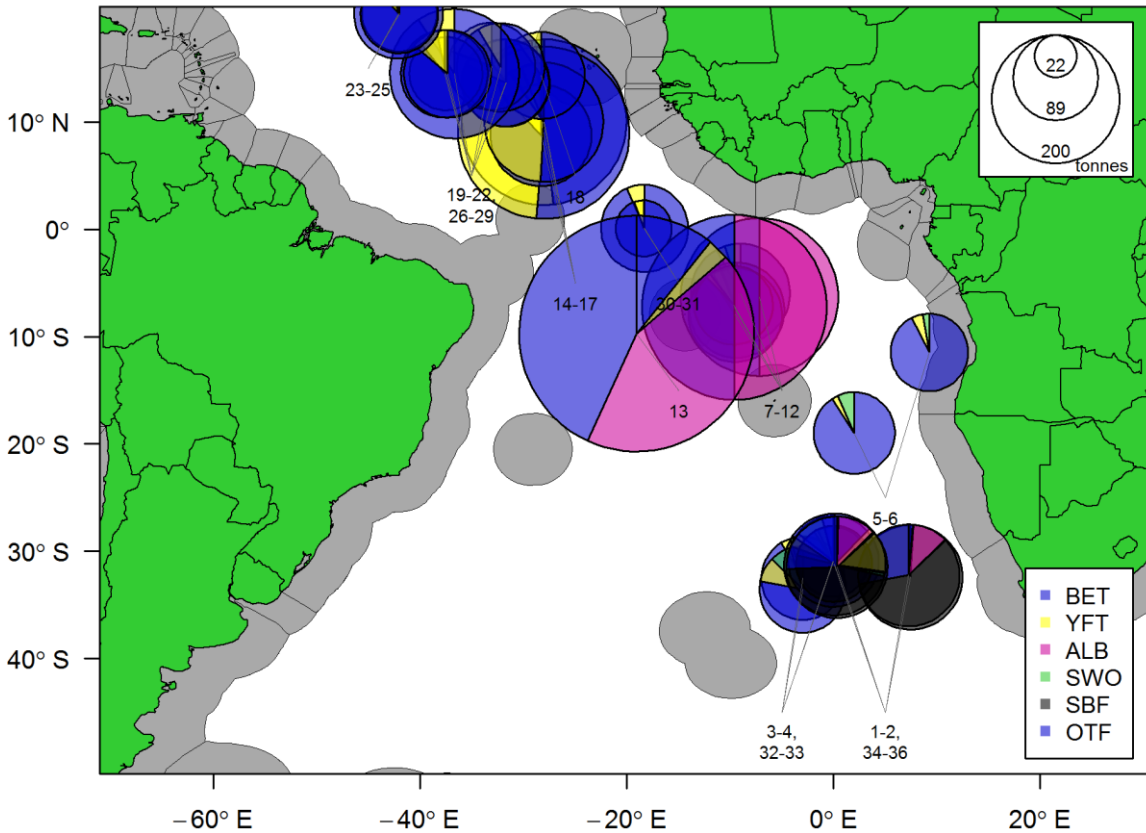


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	12
XXX	11
XXX	9
XXX	2
XXX	1
XXX	1

Comments:

In addition to Table 1, the CV participated in 11 non-ROP cargo transshipments at sea. The CV also received bunkers twice at sea from the tanker Success 9 and visited the Island of Cape Verde port Grande. Details are provided in Annex A, Tables 12 and 13.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Inspected	Transhipment time	% Observed
1				28/04/20	32°24.28 S	007°26.78 E	No	01:33	100.00%
2				28/04/20	32°13.67 S	007°17.02 E	No	00:33	100.00%
3				03/05/20	32°29.91 S	002°58.34 W	No	19:41	98.31%
4				05/05/20	33°32.46 S	002°59.8 W	No	05:15	98.86%
5				10/05/20	18°58.45 S	001°59.73 E	No	03:14	100.00%
6				12/05/20	11°27.55 S	009°15.6 E	No	05:57	100.00%
7				17/05/20	06°18.29 S	007°10.28 W	No	02:42	100.00%
8				18/05/20	07°32.47 S	009°21.08 W	No	02:48	100.00%
9				19/05/20	07°58.21 S	009°30.92 W	No	03:18	100.00%
10				20/05/20	07°15.68 S	009°35.15 W	No	03:21	100.00%
11				20/05/20	07°04.57 S	009°39.92 W	No	02:11	100.00%
12				21/05/20	05°58.28 S	009°01.32 W	No	05:18	92.45%
13				25/05/20	09°43.15 S	019°03.41 W	No	01:34	100.00%
14				29/05/20	09°58.84 N	028°00.83 W	No	02:18	100.00%
15				30/05/20	09°58.28 N	028°01.56 W	No	02:11	100.00%
16				31/05/20	09°00.28 N	028°02.64 W	No	03:05	100.00%
17				01/06/20	08°44.54 N	028°18.78 W	No	02:57	100.00%
18				03/06/20	14°19.52 N	028°15.83 W	No	01:40	100.00%
19				07/06/20	14°29.95 N	036°40.57 W	No	03:33	100.00%
20				08/06/20	14°30.01 N	037°30.29 W	No	03:05	100.00%
21				08/06/20	14°28.94 N	037°39.49 W	No	03:32	100.00%
22				09/06/20	14°29.37 N	037°21.31 W	No	02:17	100.00%

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Inspected	Transshipment time	% Observed
23				11/06/20	20°01.29 N	042°01.01 W	No	03:33	100.00%
24				11/06/20	20°03.2 N	042°05.74 W	No	05:59	100.00%
25				12/06/20	20°04.2 N	042°00.45 W	No	13:42	96.96%
26				15/06/20	15°10.62 N	033°04.42 W	No	02:17	100.00%
27				15/06/20	15°04.98 N	032°12.63 W	No	01:41	100.00%
28				16/06/20	13°37.71 N	031°39.24 W	No	01:53	100.00%
29				16/06/20	13°38.23 N	031°44.2 W	No	02:13	100.00%
30				20/06/20	00°05.02 N	018°17.08 W	No	03:27	100.00%
31				20/06/20	00°05.29 N	018°22.24 W	No	02:54	100.00%
32				29/06/20	30°55.6 S	000°00.38 W	No	04:08	100.00%
33				29/06/20	30°57.46 S	000°03.22 W	No	03:55	100.00%
34				30/06/20	31°09.32 S	000°03.18 E	No	02:01	100.00%
35				30/06/20	31°13.53 S	000°07.14 E	No	04:30	100.00%
36				01/07/20	31°28.77 S	000°19.15 E	No	03:27	100.00%

Comments:

For the voyage none of the LSPLVs were boarded to perform an on-board inspection due to the COVID-19 virus. All relevant documents were transferred to the CV for verification. On nine occasions during the voyage with Japanese LSPLVs the vessel logbook was electronic and the last page of the logbook was printed and transferred to the CV or the observer offered a digital camera to photograph the last page when the vessel did not have a functioning printer.

Transshipment 3:

The observer took a 20minute break for dinner due to the extended duration of the transshipment. The transshipment was also interrupted at 23: on 03/05/2020 and re-started at 08:00 on 04/05/2020.

Transshipment 4:

The observer took a 20minute break for dinner due to the extended duration of the transshipment. The transshipment was interrupted at 23:50 on 05/05/2020 and commenced again at 15:20 on 06/05/2020.

Transshipment 6:

The transshipment was interrupted at 05:02 to 05:57 on 12/05/2020.

Transshipment 10

The transshipment was interrupted for 21minutes from 03:00 to 03:21.

Transshipment 11

The transshipment was interrupted for 17minute from 01:54 to 02:11.

Transshipment #12:

During the transshipment the observer took a 24 minute break for lunch while the CV continued with transshipment operations.

Transshipment #21

The transshipment was interrupted for 18minutes from 03:16 to 03:32.

Transshipment #25:

This transshipment was interrupted from 12:22 to 13:42 resulting in a 1 hour and 20 minute interruption. Further, during the second transshipment period the observer took a 25min break for dinner while the CV continued with transshipment operations.

Transshipment #32

The transshipment was interrupted for 18minutes from 03:50 to 04:08

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	45.90	46.95	3.21	3.32	0.00	0.00	0.00	0.00	49.11	50.275	1.16	2.31%
2	19.29	19.59	0.98	1.15	0.00	0.00	0.00	0.00	20.27	20.735	0.46	2.23%
3	85.58	87.19	96.04	89.15	3.60	4.46	0.05	0.05	185.27	180.848	-4.42	-2.45%
4	83.48	100.42	81.48	92.24	2.15	2.67	0.07	0.07	167.17	195.395	28.22	14.44%
5	61.97	59.79	5.55	8.04	0.00	0.00	0.00	0.00	67.51	67.835	0.32	0.47%
6	49.36	47.63	36.56	36.92	2.69	2.85	4.83	5.95	93.45	93.348	-0.10	-0.10%
7	44.29	44.99	4.88	4.92	0.00	0.00	0.00	0.00	49.16	49.905	0.74	1.48%
8	45.07	45.00	5.45	5.00	0.00	0.00	0.00	0.00	50.52	50	-0.52	-1.04%
9	40.82	41.00	8.89	9.00	0.00	0.00	0.00	0.00	49.71	50	0.29	0.57%
10	52.13	40.50	5.87	9.67	0.00	0.00	0.16	0.00	58.15	50.171	-7.98	-15.91%
11	50.65	46.95	3.06	4.36	0.00	0.00	0.00	0.00	53.71	51.311	-2.40	-4.67%
12	99.60	100.32	6.36	10.49	0.00	0.00	0.00	0.00	105.96	110.804	4.85	4.37%
13	33.80	34.19	1.04	1.23	0.00	0.00	0.00	0.00	34.85	35.415	0.57	1.60%
14	43.14	44.84	3.19	5.31	0.00	0.00	0.00	0.00	46.33	50.144	3.82	7.61%
15	44.25	43.54	5.68	7.03	0.00	0.00	0.00	0.00	49.93	50.57	0.64	1.27%
16	42.62	48.06	0.55	0.85	4.08	3.38	0.00	0.00	47.25	52.286	5.03	9.62%
17	31.94	33.35	0.94	1.24	2.52	2.59	0.00	0.00	35.40	37.179	1.77	4.77%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
18	33.52	35.09	1.57	2.72	0.15	0.15	3.07	1.84	38.31	39.806	1.50	3.76%
19	54.93	60.10	1.65	1.69	3.12	3.42	0.00	0.00	59.70	65.2	5.50	8.43%
20	49.24	53.22	2.86	3.12	3.52	3.68	0.00	0.00	55.62	60.021	4.40	7.33%
21	51.15	53.10	0.54	0.47	4.56	4.61	0.00	0.00	56.25	58.185	1.94	3.33%
22	34.69	35.83	0.65	0.81	4.12	4.17	0.00	0.00	39.46	40.813	1.35	3.32%
23	0.00	0.00	0.00	0.00	0.00	0.00	77.83	82.18	77.83	82.175	4.34	5.28%
24	0.00	0.00	0.00	0.00	0.00	0.00	109.47	112.84	109.47	112.837	3.37	2.99%
25	64.29	39.63	8.80	10.74	0.00	0.00	147.30	157.90	220.39	208.269	-12.12	-5.82%
26	39.23	39.93	1.16	1.09	2.96	2.90	0.00	0.00	43.34	43.922	0.58	1.32%
27	36.11	36.82	1.44	1.92	1.01	1.07	0.41	0.00	38.96	39.815	0.85	2.14%
28	40.05	41.68	1.50	1.68	2.33	2.34	0.00	0.00	43.88	45.703	1.83	3.99%
29	28.30	29.51	0.66	0.47	2.37	2.42	0.00	0.00	31.33	32.405	1.07	3.31%
30	35.74	38.48	5.22	4.58	1.26	3.85	2.73	2.35	45.33	49.262	3.93	7.97%
31	42.22	43.85	3.21	2.77	10.41	5.63	2.90	2.28	58.74	54.514	-4.23	-7.75%
32	0.65	0.58	0.00	0.00	0.00	0.00	0.00	0.00	70.37	71.937	1.57	2.18%
33	0.70	0.81	0.11	0.22	0.16	0.20	15.84	19.01	56.41	60.681	4.27	7.04%
34	0.00	0.00	0.00	0.00	0.00	0.00	7.64	8.17	37.42	38.124	0.71	1.85%
35	10.56	8.33	8.48	10.44	0.67	0.72	10.20	10.69	67.42	68.396	0.97	1.42%
36	0.14	0.23	0.05	0.05	0.28	0.35	16.55	17.33	57.07	59.677	2.61	4.37%

Comments:

Transshipment #4:

The observer found it difficult to obtain an accurate count of fish being transferred after sunset as large strings of more than 35 to 40 fish was transferred at any one time while the sea conditions caused the strings swing and twist.

Transshipment #10:

Fish was hauled out of the LSPLV hold and placed on the deck of the LSPLV before being bunched together and transferred to the CV. This method made it easy for the observer to get an accurate count as fish were spread out on the deck. For the duration of the transshipment 148 extra tuna bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*) was observed compared to what the LSPLV declared with a collective weight of 7,8223kg.

6 Species and weight transferred

The vessel contained 445,68t of tuna products (134,43t blue fin tuna (*Thunnus thynnus*), 179,313t bigeye tuna (*Thunnus obesus*), 126,448t yellowfin tuna (*Thunnus albacares*), 5,165t swordfish (*Xiphias gladius*) and 0.324t striped marlin (*Tetrapturus audax*) on board when the observer boarded. The bluefin tuna (*T. thynnus*) on board at the time the observer boarded were transhipped in in port in Cape Town before the CV departure for the Atlantic Ocean. The observer was provided with copies of the transshipment declarations to verify the volumes. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	Percentage	Weight (t)	Percentage
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	256.52	10.57%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	112.84	4.65%
Albacore	<i>Thunnus alalunga</i>	Unk	344.98	14.67%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	9.42	0.39%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	7.01	0.30%	0.00	0.00%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.00	0.00%	1.50	0.06%
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	1.41	0.06%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1401.49	57.72%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1383.52	58.84%	0.00	0.00%
Black marlin	<i>Makaira indica</i>	All	0.00	0.00%	2.60	0.11%
Black marlin	<i>Makaira indica</i>	Unk	5.44	0.23%	0.00	0.00%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	0.00	0.00%	34.65	1.43%
Butterfly kingfish	<i>Gasterochisma melampus</i>	Unk	31.90	1.36%	0.00	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.00	0.00%	0.10	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	Unk	0.07	0.00%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	Unk	0.69	0.03%	0.00	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.00	0.00%	1.16	0.05%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	Unk	0.93	0.04%	0.00	0.00%
Northern bluefin tuna	<i>Thunnus thynnus</i>	Unk	0.91	0.04%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	1.28	0.05%

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	Percentage	Weight (t)	Percentage
Opah	<i>Lampris guttatus</i>	Unk	0.82	0.03%	0.00	0.00%
*Other fish Unclassified	N/A	Unk	0.03	0.00%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0.00	0.00%	0.22	0.01%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Unk	0.07	0.00%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0.00	0.00%	221.69	9.13%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	217.05	9.23%	0.00	0.00%
Striped marlin	<i>Tetrapturus audax</i>	All	0.00	0.00%	0.37	0.02%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.29	0.01%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	0.00	0.00%	20.88	0.86%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	26.08	1.07%
Swordfish	<i>Xiphias gladius</i>	o	2.37	0.10%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	4.51	0.19%
Swordfish	<i>Xiphias gladius</i>	Unk	49.51	2.11%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	332.67	13.70%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	304.32	12.94%	0.00	0.00%

Comments:

*The last transfer of transshipment #6 was done with a cargo net. The net contained 2 small *T. obesus*, 8 *S. commerson*, 1 fillet of *X. gladius* and a rice bag containing approximately 30kg of unknown product. When enquiring about the bag and its contents, the LSPLV captain explained it was a sample for the XXX. When checking the bag it appeared to be to tuna tail off cuts in the bag. The observer was not able to open the bag. The bag had V writing on it with the letters "XXX" in between. The bag was stored together with the fish transferred in hold no.4B.

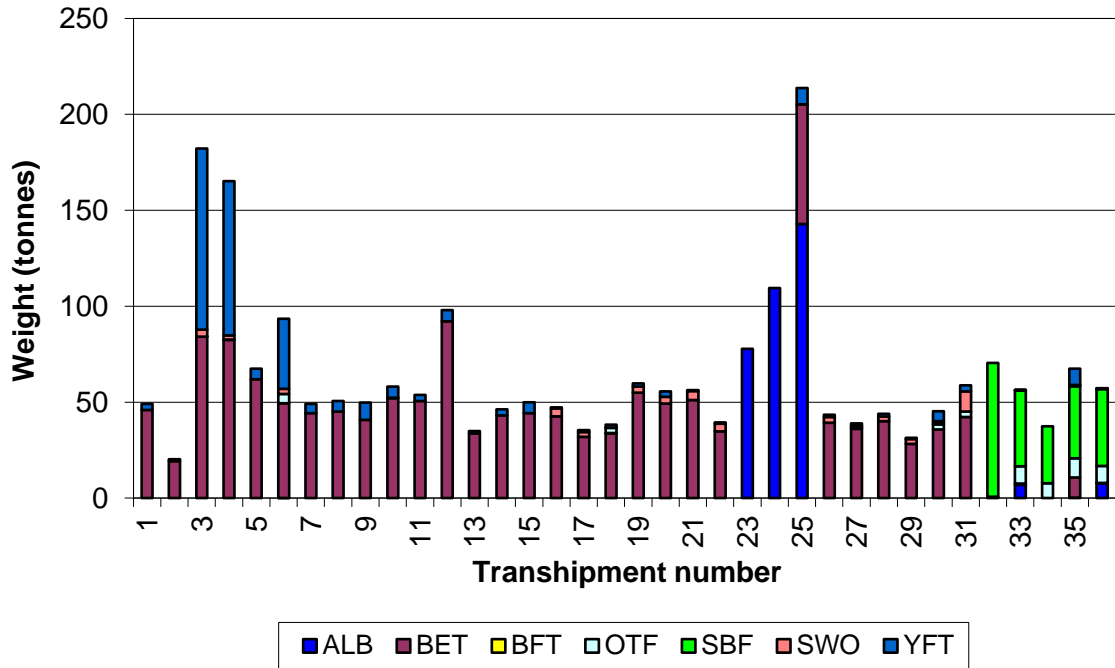


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	23.08
Atlantic blue marlin	<i>Makaira nigricans</i>	86.50
Atlantic sailfish	<i>Istiophorus albicans</i>	18.83
Bigeye tuna	<i>Thunnus obesus</i>	41.61
Black marlin	<i>Makaira indica</i>	89.17
Butterfly kingfish	<i>Gasterochisma melampus</i>	15.14
Dolphinfish	<i>Coryphaena hippurus</i>	4.50
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	115.80
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	9.90
Northern bluefin tuna	<i>Thunnus thynnus</i>	76.08
Opah	<i>Lampris guttatus</i>	11.89
Other fish Unclassified	N/A	30.00
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	16.80
Southern bluefin tuna	<i>Thunnus maccoyii</i>	51
Striped marlin	<i>Tetrapturus audax</i>	24.50
Swordfish	<i>Xiphias gladius</i>	51.83
Yellowfin tuna	<i>Thunnus albacares</i>	43.17

Comments:

The CV applied two methods to transfer fish during transshipment operations. The first was to lower the CV crane hook directly in to the LSPLV hold and haul large strings of up to 1 to 2 tons at any one time. The other method used was by the LSPLV hauling fish out of

the LSPLV hold to the LSPLV deck. Thereafter the product was assembled in to larger strings before being transferred to the CV.

The CV did not make use of a hook scale to obtain independent weights. The weight and number of fish provided by the LSPLVs were recorded in the transshipment declaration (TD). The observer used these weights to determine a vessel average per species. In most cases these average weights appeared realistic compared to the observed average weight. However for 18 transshipments during the voyage the LSPLV declared average weight for some species appeared unrealistic compared to the observed average weight. The vessel weights were still recorded and the observer made a comment in the T4 (ii) form when this transpired. The observed average weight was visually made by estimating the weight of the fish that was used for temperature analysis for tuna like products.

The products types for different species were recorded as follows:

Common Name	Scientific name	Process type
Albacore	<i>Thunnus alalunga</i>	Whole
Atlantic blue marlin	<i>Makaira nigricans</i>	Headed, gutted & tailed
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled, Gutted & tailed
Atlantic sailfish	<i>Istiophorus albicans</i>	Headed, gutted & tailed
Bigeye tuna	<i>Thunnus obesus</i>	Gilled, Gutted & tailed
Black marlin	<i>Makaira indica</i>	Gilled, Gutted & tailed
Black marlin	<i>Makaira indica</i>	Headed, gutted & tailed
Butterfly kingfish	<i>Gasterochisma melampus</i>	Headed, gutted & tailed
Dolphinfish	<i>Coryphaena hippurus</i>	Whole
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	Headed, gutted & tailed
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	Gilled, Gutted & tailed
Narrow-banded Spanish mackerel	<i>Scomberomorus commerson</i>	Headed, gutted & tailed
Northern bluefin tuna	<i>Thunnus thynnus</i>	Gilled, Gutted & tailed
Opah	<i>Lampris guttatus</i>	Headed, gutted & tailed
Other fish Unclassified	N/A	Other
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Headed, gutted & tailed
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Gilled, Gutted & tailed
Striped marlin	<i>Tetrapturus audax</i>	Gilled, Gutted & tailed
Swordfish	<i>Xiphias gladius</i>	Headed, gutted & tailed
Swordfish	<i>Xiphias gladius</i>	Fillet
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled, Gutted & tailed

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	Observed %
32				Yes	29/06/2020	-30 ⁰ 55.6020	-00 ⁰ 00.3766	04:08	100
33				Yes	29/06/2020	-30 ⁰ 57.4613	-00 ⁰ 03.2218	03:55	100
34				Yes	30/06/2020	-31 ⁰ 09.3215	-00 ⁰ 03.1777	02:01	100
35				Yes	30/06/2020	-31 ⁰ 13.5286	-00 ⁰ 07.1439	04:30	100
36				Yes	01/07/2020	-31 ⁰ 28.7743	-00 ⁰ 19.1504	03:27	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF) Ton	Catch Monitoring Form Number	Tag series number (from – to)
32	9	912	50.991	XXX	XXX
32	9	466	20.364	XXX	XXX
33	9	823	40.457	XXX	XXX
34	9	579	29.950	XXX	XXX
35	9	726	38.219	XXX	XXX
36	9	182	8.073	XXX	XXX
36	9	663	33.638	XXX	XXX

Comments:

All the *Thunnus maccoyii* scrutinised during the above transhipments were all tagged in the prescribed manner. The tags used were the plastic “zip” type and were applied in the gill area of the fish with the tag located inside the gill cavity area. In addition, a “paper type” of tag was frozen on to the fish – either on the exterior of the gill plate or inside the body cavity.

The CCSBT Catch Monitoring Form (CMF) was completed by all participating LSPLVs and signed by the observer.

For transhipment 32, two separate CMF documents were completed. This appeared to be done to accommodate different ranges of the tag series numbers (XXX to XXX and XXX to XXX)

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
33			No	29/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	Yes	EL	29/06/20
34			No	30/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	Yes	EL	29/06/20
35			No	30/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	Yes	EL	27/06/20
36			No	01/07/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	Yes	EL	30/06/20

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

** u=unknown

Table 9 Comments on LSPLV checks

No	Comments
1	<p>The LSPLV Flag state authorization number XXX on the Transhipment Declaration (TD) did not correspond with the licence number XXX on the Authorization To Fish (ATF).</p> <p>Figure 3 Different Authorisation numbers used on the ATF (Left) and the TD (Right)</p>
3	<p>The observer was provided with photographs of the LSPLVs internal Vessel Monitoring System (VMS) showing an Argos (CLS) LEO unit.</p>
5	<p>The LSPLV Flag state authorization number XXX on the ATF did not correspond with the licence number XXX on the TD.</p> <p>Figure 4 ATF (left) and TD (right) completed for the transhipment from the XXX</p>
6	<p>The LSPLV logbook was electronic and printed pages were transferred to the CV for perusal. The last entry was on the 10/05/2020. The NRN ME1-812 and ATF licence number T115 reflected on the TD appeared to be recorded in the incorrect field.</p> <p>Figure 5 TD completed by the XXX</p>
12	<p>The LSPLV markings on the stern were partially worn. The LSPLV did not present an Authorization To Tranship (ATT) at the time of the transhipment. The ATT was emailed to the CV on the 28/05/2020 via the CV charterer Toei Reefer line.</p>
13	<p>The LSPLV markings on the bow and side were partially worn. The IRCS resembled "GWIT" at a distance instead of "6WLT". The ATT presented by the LPSLV was not in English and did not appear to be an ATT document.</p> <p>Figure 6 Worn IRCS of XXX</p>

No	Comments
13	<p>Two Authorisation to Fish (ATF) documents were transferred to the CV. One in English for licence no.140 for the year 2017 and was issued on 25/08/2017. The second in French for licence no. 43, for the year 2019. The second page of the French ATF did not contain any clear information to clearly link this page with the first page of licence #43. It did reflect the vessel name, and registration number, so it could be linked to the vessel, but not to any specific document. The validity was reflected as valid from 01/02/2020 to 31/01/2021. Both ATFs showed the fishing area as "25/30/50" with no explanation to explain this unusual manner to express geographical information. The number "43" was used as the flag state number recorded in the TD.</p> <p>Figure 7 ATF documents produced by XXX</p>
17	<p>The LSPLV ATF and ATT were send to the CV via email prior to the transhipment. The LSPLV fishing logbook pages were not individually and consecutively numbered in the space provided.</p> <p>Figure 8 Logbook page from the logbook of the XXX</p>
18	<p>The LSPLV fishing logbook was electronic and the observer handed the captain a digital camera and requested a picture of the screen to verify the logbook. The observer was able to check the photographs as an alternative.</p>
19	<p>The State Authorisation Number "GH-0469" reflected on the completed Transhipment Declaration (TD) did not correspond to the licence no. "GH-0475" on the ATF.</p> <p>Figure 9 Inconsistent Flag State Authorisation numbers used by the XXX</p>
23	<p>The Flag State Authorisation Number XXX recorded in the Transhipment Declaration (TD) did not correspond with ATF XXX. The TD was amended on the 15/06/2020 to correct the State Authorisation Number as per the ATF.</p>
24	<p>The LSPLV markings on the bow were partially faded and appeared as " XXX " instead of " XXX ".</p> <p>Figure 10 Bow markings of the XXX</p> <p>The Flag State Authorisation Number "XXX" recorded in the TD did not correspond with the Flag State Authorisation Number "XXX" displayed on the ATF. The TD was amended on the 15/06/2020 to correct the Flag State Authorisation Number as per the ATF.</p>

No	Comments
25	<p>The LSPLV NRN provided by the ATF was "L1441A" which did not correspond with the vessel markings "L1441" displayed on the LSPLV. In addition, the ICCAT records provided a different NRN as "2018WB005". Both the NRNs "L1441A" and "2018WB005" were recorded in the TD. The ATT reflected the NRN as 2018WB005.</p> <p>Figure 11 Inconsistent NRNs provided by the XXX</p>
25	<p>The ATT presented by the LSPLV appeared to be the authorisation for a previous transshipment and was dated and stamped with the date 13/01/2020.</p> <p>Figure 12 ATT of the XXX</p> <p>The LSPLV showed little regard for MARPOL regulations and dumped, expanded foam, miscellaneous garbage and bilge-oil in to sea during the transshipment.</p>
27	<p>The LSPLV markings on the bow and stern were partly worn and could not be read accurately.</p> <p>Figure 13 Name markings of the XXX</p>
29	<p>The LSPLV markings on the bow were partly faded. The markings on the stern appeared to be applied with a felt tip marker and was not suitably bold to be visible at any reasonable distance.</p> <p>Figure 14 Name markings of the XXX</p>
30	<p>The LSPLV had no visible IRCS markings displayed when the transshipment commenced. While the LSPLV was moored alongside the CV the noted the IRCS display boards appeared to have been removed and placed on the stern area. The LSPLV was issued with a PNC as a result. The captain then proceeded to the stern and mounted the IRCS which was painted on wooden boards.</p> <p>Figure 15 The LSPLV XXX prior to the transshipment (left) and the IRCS being re-fitted later (right)</p> <p>The LSPLV logbook was electronic and the last page of the logbook was printed and transferred to the CV for verification.</p>
31	<p>The LSPLV logbook was electronic the last and first page of the logbook was printed and transferred to the CV for verification.</p>
32	<p>The LSPLV logbook was electronic the last page of the logbook was printed and transferred to the CV for verification.</p>
33	<p>The LSPLV fishing logbook was electronic. The last page of the logbook was printed and transferred to the CV for perusal. The logbook page had no page number that symbolize a consecutive individually page number in the top right corner where it states page.</p>

No	Comments
34	The LSPLV fishing logbook was electronic and the vessel did not have a functioning printer to print the last page of the logbook. The observer handed the LSPLV captain a digital camera who was helpful and recorded a photograph. The logbook page displayed in the picture was scrolled down in the window in order to see the last entry and the observer could not verify if the page was numbered as the top section of the page was not in the frame.
35	The LSPLV logbook was electronic and the observer requested the LSPLV captain to take a photograph of the computer screen in order to verify the logbook entry, which he did. The last date entered as per the photo was on the 27/06/2020. The LSPLV was not issued with a PNC as the LSPLV captain may have taken a photograph of the "wrong" page.
36	<p>The LSPLV markings on the bow and stern were displayed in English and in XXX. The XXX markings on the bow were displayed as XXX (This marking was in XXX characters). No PNC was issued as the English markings were correct.</p> <p>Figure 16 Bow markings of the XXX</p> <p>The LSPLV fishing logbook was electronic. The last page of the logbook was printed and transferred to the CV for verification.</p>

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

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
6			1	LND		
12			2	DNP	IIM	
13				DNP	AIA	IIM
17			4	LNN		
24			5	IIM		
25			5	DNP		
27			7	IIM		
29			8	IIM		
30			9	IIM		
33			10	LNN		

Comments.

Transshipment #6:

The PNC was retracted on the 05/06/2020 due to evidence supplied by the flag state on the electronic logbook and input from ICCAT who agreed to the retraction.

9 Other Observer Tasks.

9.1 CV waste disposal

Waste mitigation measures on board the CV varied. Waste bins throughout the CV were labelled for domestic/general waste and plastic. The galley had the same group of bins and additional bins for food waste, metal and glass.

At the garbage station waste were collected and stored in 200 litre colour-coded waste bins. On a regular basis as these bins filled up a cadet was instructed to separate waste per category and compress waste such as plastic water bottles, cans and cardboard or paper and any other waste that could be compressed. Some waste was also incinerated. The incinerator was located in the engine room and engine staff was responsible for the operation. Incinerator ash was collected in plastic pages and labelled as per the waste category to identify which residues was in the ashes and stored for in port disposal. Cans and glass was retained on board for disposal in port.

Food waste was disposed of at sea over the side on a daily basis. The galley was also equipped with a food waste disposal grinder which is used as prescribed in MARPOL regulation. All waste incinerated or disposed of at sea was recorded in the ships waste logbook.



Figure 17 Waste systems on board the CV

9.2 Unidentified or IUU vessels

On the 23/05/2020 at 12:27 UTC while the CV was underway on course 249.5⁰ in position 06⁰ 24.629 S / 011⁰ 09.808 W an unknown LSPLV was sighted fishing in position 06⁰ 16.739 S / 011⁰ 07.671. The LSPLV AIS system appeared to be switched off as the CV AIS instruments could not identify the vessel. The vessel was fishing and an AIS buoy was displayed on the CV GPS plotter in position 06⁰ 18.009 S / 011⁰ 08.330 W. When plotting the buoy the information was displayed as KH16-99% with the SOG 0.0Kn. The vessel was approximately 6nm away from the CV and the International Radio Call Sign (IRCS) was not visible when using binoculars or trying to zoom in with a digital camera. This seemed suspicious as part of the fish line appeared to potentially be inside the EEZ of Ascension Island.

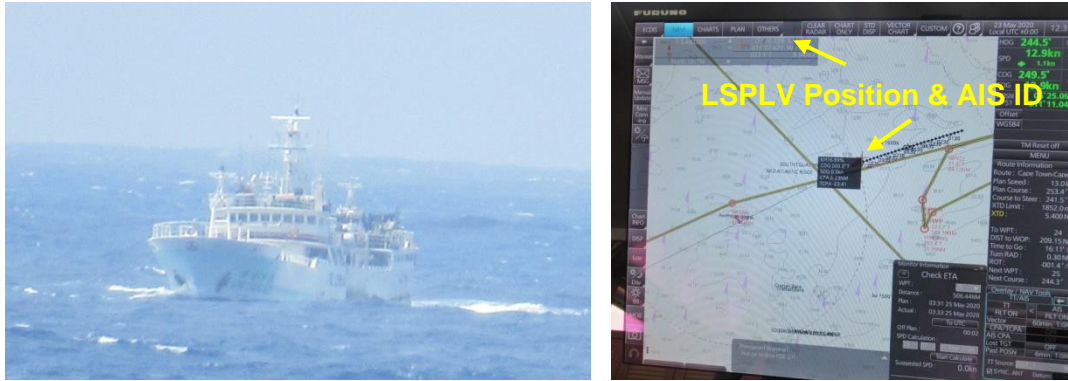


Figure 18 Unknown vessel sighted on 23/05/2020

9.3 Marine mammals.

On three occasions during transshipment operations a single large Humpback whale (*Megaptera novaeangliae*) was sighted.

The first was on the 29/06/2020 in position 30° 55.6020 S / 000° 00.3766 W. The whale was far away from the vessel, but it was clear it was a humpback because of its distinctive flipper slapping.

The second time on the 30/06/2020 in position 31° 13.5286 S / 000° 07.1439 E and third time on the 01/07/2020 in position 31° 28.7743 S / 000° 19.1504 E one single large whale was observed this time making a brief appearance making one or two sprays and dived again.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
29/06/20	±12:00 UTC +2	-30° 55.602	-00° 00.377	<i>M.</i> <i>novaeangliae</i>	1	Lob/bob tailing & flipper slapping
30/06/20	±17:00 UTC +2	-31° 13.529	00° 07.144	<i>M.</i> <i>novaeangliae</i>	1	Came up for a breath
01/07/20	10:30 UTC +2	-31° 28.774	00° 19.150	<i>M.</i> <i>novaeangliae</i>	1	Came up for a breath

10 Health and Safety on board the CV

No mayor health and safety issued were encountered during the voyage. Crew appeared safety conscious at all times and the relevant PPE was always present. No safety drills were conducted for the duration of the voyage. The observer was briefed on embarkation with regards to safety.

All crew were required to record their body temperature twice daily and the CV kept a record as a measure for COVID-19.

11 Submitting Report to the Master

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

Yes	No
X	

ANNEX A:

Table 12 Non ROP Transhipments

No.	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
1			30/04/2020	-33° 13.413	003° 03.164	Bunkers & supplies	Yes
2			30/04/2020	-33° 17.150	003° 09.080	Bunkers	Yes
3			02/05/2020	-31° 59.041	-002° 57.538	Bunkers, supplies & provisions	Yes
4			02/05/2020	-30° 00.644	-002° 49.361	Bunkers, supplies & provisions	Yes
5			13/05/2020	-09° 15.829	008° 40.803	Bait & supplies	Yes
6			13/05/2020	-09° 11.026	008° 39.469	Bait & supplies	Yes
7			02/06/2020	11° 00.044	-030° 00.673	Bait, frozen provisions & supplies	Yes
8			02/06/2020	10° 57.352	-030° 09.666	Bait, frozen provisions & supplies	Yes
9			09/06/2020	14° 29.901	-037° 19.259	Supplies for the LSPLV JIN FENG 6.	Yes
10			10/06/2020	17° 01.331	-039° 02.176	Bait, frozen provisions & supplies	Yes
11			26/06/2020	-20° 39.307	-001° 59.011	Bunker	Yes

Comments:




Non-ROP Transhipment #9:

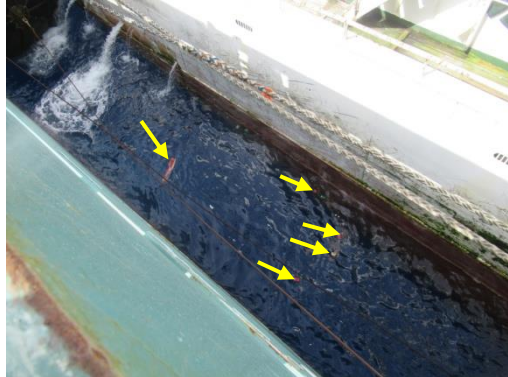
Due to some miss communication after transferring of fish on the 08/06/2020 the LSPLV XXX returned to the CV the following day in order to receive additional supplies for the sister vessel XXX. The LSPLV XXX meeting with the CV was cancelled.

Table 13 Bunker / Port visits

No.	Vessel / Port	IRCS	Date	Lat	Lon	Comments	Photo
1	SUCCESS 9	E53584	22/05/2020	-05° 18.0027	-007° 34.9375	The CV received bunker & provisions	Yes
2	Cape Verde	N/A	04/06/2020	16° 53.0429	-025° 00.4576	The CV received lube oil, fresh vegetables. Rope was removed from bow thrusters The CV loaded fresh provision to be discharged at sea to LSPLVs.	Yes
3	SUCCESS 9	E53584	21/06/2020	05° 05.8257	-018° 37.5503	The CV received bunker	Yes

Table 14 MARPOL

TS No.	Vessel	Comments
N/A	SUCCESS 9	<p>During bunker operations it was observed that there were 2 connections of the fuel line that was dripping fuel on the CV deck. One of the connections was dripping a lot and the CV crew placed a half cut steel drum underneath the pipeline connection to collect/catch the fuel. In addition to this another connection outside of the CV was also noticed dripping fuel into the ocean and fuel traces was noticeable on the water surface. The pipeline had another two connections in the ocean, but these connections were too far away to see if it was also leaking.</p> <p>During bunkering operations it was also noticed that the tanker crew was always throwing some sort of waste over the side. This was noticed more than once. Most of these waste objects sank before the observer could take a photograph, however one plastic water bottle stayed adrift and the bottle was photographed. The tanker captain was informed via VHF and the tanker crew stopped with this behaviour.</p> <div style="display: flex; justify-content: space-around;">    </div>

TS No.	Vessel	Comments
17	XXX	<p data-bbox="569 272 1843 337">During the transhipment the LSPLV crew were constantly throwing waste over the side. The waste included paper, plastic and other waste that sank to the bottom. Remaining floating waste was photographed.</p> 
19	XXX	<p data-bbox="569 738 1892 836">After the transhipment the LSPLV received loads of supplies in cardboard boxes. When the vessel unmoored it was observed that the LSPLV started disposing of these boxes over the side as they were removing the content. Some boxes included plastic or foam mouldings in side of it.</p>
20	XXX	<p data-bbox="569 885 1871 982">After the transhipment the LSPLV received supplies in cardboard boxes that was packed on pallets and wrapped with plastic. On one occasion it was observed that the LSPLV crew removed the plastic to unload the boxes and throw the plastic over the side. The plastic ended up entwined with the CV fender wire.</p>
22	XXX	<p data-bbox="569 1031 1835 1096">During the transhipment the LSPLV crew was throwing food waste over the side which included plastic and plastic water bottles.</p>

ICCAT

Observer Report



Trip Number:	246-20
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 21/04/2020 To: 17/06/2020

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring, Peter Johann Beets (ROP No. 152) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 21/04/2020 to 17/06/2020.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise-Shi, Mie, Japan	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Carrier vessel	Hold capacity:	3238 t
Size (GRT):	4969 t	Length (LOA):	124.25 m
Vessel monitoring system (present/absent):		Present: Inmarsat-C JUE-95VM	
Tuna products already on board (Quantity)		0	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Boarded at sea from the CV Taisei Maru No.24
Date of embarkation	21/04/2020
Method of embarkation*	Transfer vessel offshore
Date of departure**	21/04/2020
Date of first transshipment	01/05/2020
Date of last transshipment	14/06/2020
Date of return	17/06/2020
Date of disembarkation	17/06/2020
Method of disembarkation*	Portside
Port of return	Cape Town, RSA

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

**After the observer embarkation at sea, the CV made a port call in Cape Town from 24/04/2020 (07:00) and sailed again on 27/04/2020 after some delays. The observer remained on board due to COVID 19 travel restrictions.

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 32 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. The observer boarded at sea from the CV Taisei Maru No.24 and the Taisei Maru No.15 made a port call in Cape Town from 24 to 27/04/2020 for bunkering and supplies.

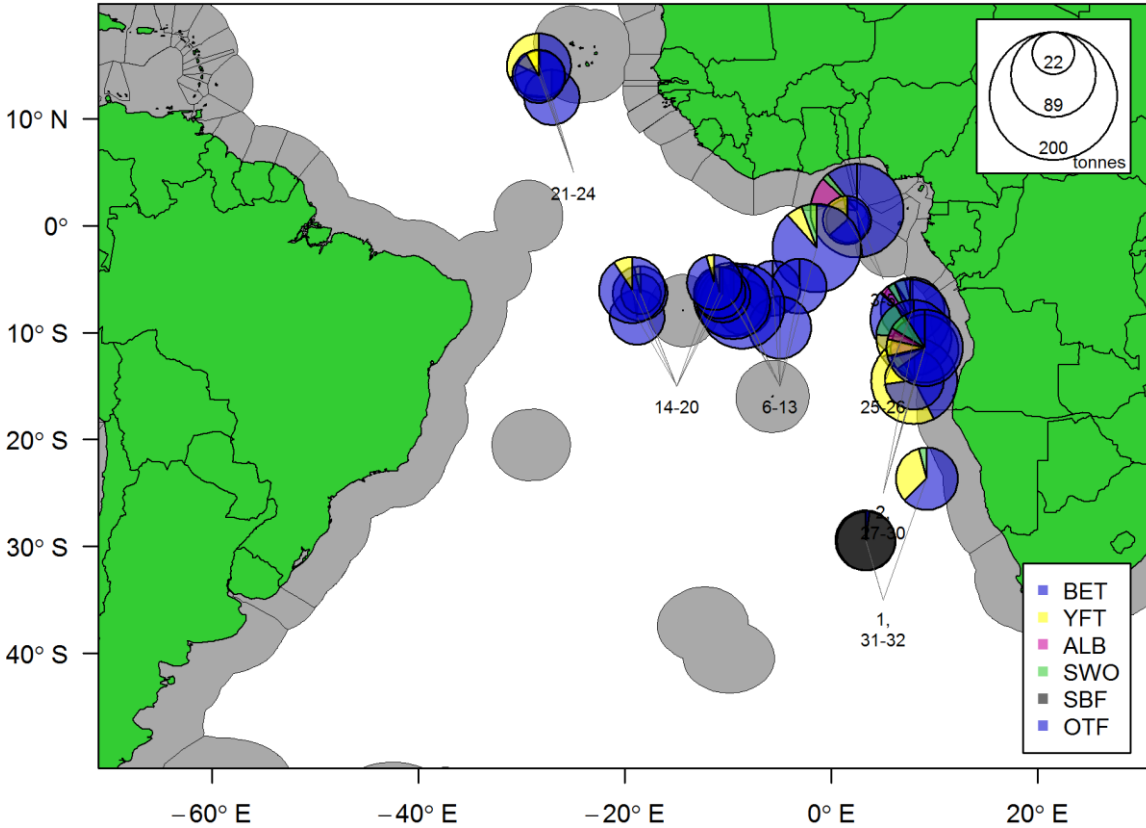


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	2
XXX	17
XXX	12
XXX	1

Comments:

The CV conducted 13 non-ROP cargo transhipments while at sea. Nine of the non-ROP transhipments supplied XXX flagged vessels while the remaining four supplied XXX flagged vessels. The majority of non ROP transhipments consisted of fuel, bait, provisions, fishing gear and various other items of general cargo. Further details are provided 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				No	01/05/20	23°39.45 S	009°14.22 E	08:36	100.00%
2				No	04/05/20	10°27.35 S	007°58.44 E	01:18	100.00%
3				No	08/05/20	00°27.06 N	001°33.32 E	02:03	100.00%
4				No	08/05/20	00°31.23 N	001°30.1 E	03:00	100.00%
5				No	09/05/20	01°24.96 N	002°28.31 E	04:10	100.00%
6				No	10/05/20	02°05.43 S	001°25.74 W	01:57	100.00%
7				No	11/05/20	05°39.58 S	003°06.86 W	02:09	100.00%
8				No	12/05/20	09°31.08 S	005°00.05 W	05:39	100.00%
9				No	13/05/20	05°50.7 S	005°39.9 W	02:27	100.00%
10				No	14/05/20	07°39.62 S	008°30.12 W	03:50	100.00%
11				No	14/05/20	07°31.83 S	008°39.58 W	03:54	100.00%
12				No	15/05/20	07°09.64 S	009°29.72 W	04:18	100.00%
13				No	15/05/20	06°54.42 S	009°45.41 W	03:00	100.00%
14				No	16/05/20	06°28.63 S	010°31.35 W	05:35	100.00%
15				No	17/05/20	06°15.74 S	010°49.57 W	04:45	100.00%
16				No	18/05/20	05°18.52 S	011°20.69 W	03:42	100.00%
17				No	20/05/20	08°34.17 S	018°49.36 W	02:32	100.00%
18				No	21/05/20	06°19.87 S	018°32.28 W	02:25	100.00%
19				No	22/05/20	06°23.68 S	018°26.66 W	01:48	100.00%
20				No	23/05/20	06°01.03 S	019°18.37 W	02:33	100.00%
21				No	27/05/20	11°59.99 N	027°04.92 W	01:00	100.00%
22				No	28/05/20	14°59.41 N	028°19.98 W	03:25	100.00%
23				No	29/05/20	14°01.16 N	028°14.82 W	03:15	100.00%
24				No	29/05/20	13°57.52 N	028°20.43 W	04:25	100.00%
25				No	07/06/20	07°49.59 S	007°50.52 E	04:35	100.00%
26				No	08/06/20	08°44.64 S	007°36.42 E	05:15	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
27				No	09/06/20	11°29.86 S	009°00.51 E	01:58	100.00%
28				No	09/06/20	11°24.93 S	009°01.12 E	03:03	100.00%
29				No	10/06/20	14°30.46 S	008°00.41 E	03:30	100.00%
30				No	10/06/20	14°25.34 S	008°01.26 E	02:08	100.00%
31				No	14/06/20	29°28.55 S	003°21.71 E	02:12	100.00%
32				No	14/06/20	29°24.85 S	003°16.47 E	02:18	100.00%

Comments:

Due to the COVID-19 outbreak, the observer was instructed not to board any LSPLVs for inspection purposes as a measure to minimise the potential exposure to infection. The decision was implemented for the full duration of the deployment. The observer was therefore unable to verify VMS type and status. Logbooks were transferred to the CV when available, where the observer was able to examine and photograph for inclusion in the photographic log. The observer was able to locate VMS antennae types from the deck of the CV and in most instances and photographs of the antennae were included in the photographic log where possible. Copies of the ATFs were sent to the CV via email for the observer's perusal and were included in the photographic log. The logbooks from XXX flagged vessels could not be examined as the logbooks were in electronic format on a computer on board the LSTLV. The observer was therefore unable to verify as to whether or not the logbooks were up to date.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	66.811	69.913	40.357	42.231	3.309	3.358	13.858	15.607	124.335	131.109	6.77	5.17%
2	29.754	30.005	0.706	0.712	0	0	0	0	30.46	30.717	0.26	0.84%
3	24.621	24.65	13.933	13.95	0	0	0	0	38.554	38.6	0.05	0.12%
4	39.642	39.022	12.195	12.004	0	0	0	0	51.837	51.026	-0.81	-1.59%
5	47.426	47	21.695	21.5	0	0	0	0	69.121	68.5	-0.62	-0.91%
6	32.441	33.75	6.965	7.246	0	0	0	0	39.406	40.996	1.59	3.88%
7	43.659	43.1	3.884	3.834	0	0	0	0	47.543	46.934	-0.61	-1.30%
8	113.293	115.253	7.65	7.782	6.402	7.35	0	0	127.345	130.385	3.04	2.33%
9	49.118	50	0	0	0	0	0	0	49.118	50	0.88	1.76%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
10	51.744	50	0	0	0	0	0	0	51.744	50	-1.74	-3.49%
11	49.214	50	0	0	0	0	0	0	49.214	50	0.79	1.57%
12	63.088	65	0	0	0	0	0	0	63.088	65	1.91	2.94%
13	83.501	85	4.912	5	0	0	0	0	88.413	90	1.59	1.76%
14	115.631	120	0	0	0	0	0	0	115.631	120	4.37	3.64%
15	90	90	0	0	0	0	0	0	90	90	0.00	0.00%
16	50.403	49.979	0	0	0	0	0	0	50.403	49.979	-0.42	-0.85%
17	47.863	48.76	1.217	1.24	0	0	0	0	49.08	50	0.92	1.84%
18	49.486	48.25	1.795	1.75	0	0	0	0	51.281	50	-1.28	-2.56%
19	39.672	42.827	1.55	1.673	0	0	0	0	41.222	44.5	3.28	7.37%
20	47.259	48.121	2.381	2.424	0	0	0	0	49.64	50.545	0.91	1.79%
21	24.954	24.954	0	0	1.153	1.153	0	0.026	26.107	26.133	0.03	0.10%
22	58.871	65.947	6.141	6.879	0	0	0	0	65.012	72.826	7.81	10.73%
23	62.621	61.466	0.087	0.085	3.352	3.6	2.692	2.706	68.752	67.857	-0.89	-1.32%
24	93.704	91.251	0.807	0.786	3.331	3.549	6.565	6.751	104.407	102.337	-2.07	-2.02%
25	59.414	62.615	9.037	9.524	13.661	14.886	7.152	7.706	89.264	94.731	5.47	5.77%
26	53.083	52.214	57.049	56.115	5.943	6.288	8.502	8.598	124.577	123.215	-1.36	-1.11%
27	38.245	42.215	6.334	6.992	6.399	3.873	5.304	5.138	56.282	58.218	1.94	3.33%
28	50.096	49.761	4.561	4.53	2.966	3.263	4.65	13.101	62.273	70.655	8.38	11.86%
29	60.529	69.826	6.138	7.081	10.958	7.577	7.461	8.452	85.086	92.936	7.85	8.45%
30	37.454	40.349	19.828	21.361	4.179	2.802	0	0	61.461	64.512	3.05	4.73%
31	0	0	0.123	0.164	1.107	0.642	0	0	56.499	57.211	0.71	1.24%
32	2.025	1.374	0	0	0	0	0	0	60.893	59.681	-1.21	-2.03%

Comments:

Transshipment 22:

The observer's estimate was significantly lower than the declared tonnage, as was the CV scale weight. The observer therefore had sufficient confidence in his estimate to confirm that the observed tonnage was a relatively accurate reflection of the actual tonnage.

Transshipment 28:

The observer recorded significantly fewer numbers of albacore (*Thunnus alalunga* [12 observed vs 272 declared]) and blue marlin (*Makaira nigricans* [44 observed vs 72 declared]) than the amounts declared for this transshipment.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **¡Error! No se encuentra el origen de la referencia.**, a breakdown by transshipment is shown in **¡Error! No se encuentra el origen de la referencia.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	19.95	0.93%	29.08	1.33%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	34.47	1.61%	36.81	1.68%
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0.45	0.02%	0.49	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	1675.62	78.37%	1712.60	78.25%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.16	0.01%	0.19	0.01%
Opah	<i>Lampris guttatus</i>	All	1.06	0.05%	1.42	0.06%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.01	0.00%	0.01	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	114.14	5.34%	114.71	5.24%
Striped marlin	<i>Tetrapturus audax</i>	All	0.09	0.00%	0.09	0.00%
Swordfish	<i>Xiphias gladius</i>	All	62.76	2.94%	58.34	2.67%
Yellowfin tuna	<i>Thunnus albacares</i>	All	229.35	10.73%	234.86	10.73%

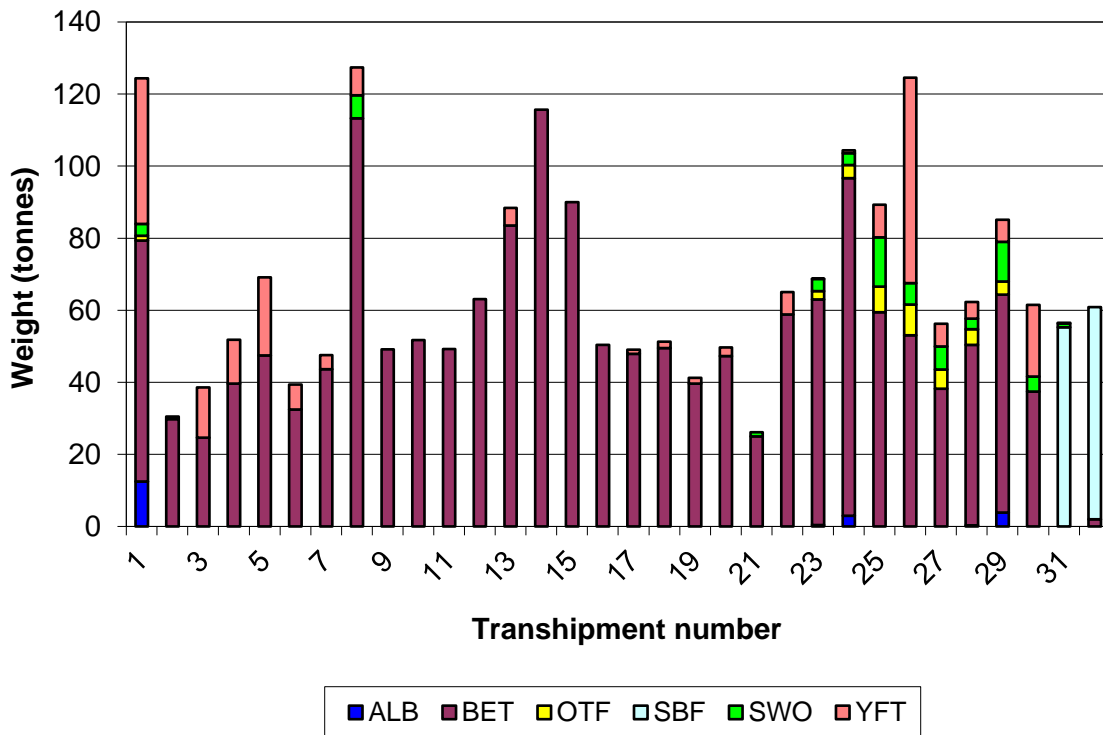


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	14.98
Atlantic blue marlin	<i>Makaira nigricans</i>	94.96
Atlantic sailfish	<i>Istiophorus albicans</i>	19.52
Bigeye tuna	<i>Thunnus obesus</i>	44.88
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	10.60
Opah	<i>Lampris guttatus</i>	12.42
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	50.19
Striped marlin	<i>Tetrapturus audax</i>	29.00
Swordfish	<i>Xiphias gladius</i>	41.90
Yellowfin tuna	<i>Thunnus albacares</i>	31.43

Comments:

The individual fish weight for each species were calculated using data from LSPLV transshipment declarations. In all instances, the LSPLV supplied the observer with both tonnage and numbers of fish to be transhipped on a species by species basis. The observer calculated the average weight per fish per species and compared the calculated average visually to the fish transhipped. In all instances, the calculated average appeared to be realistic when compared to the products seen. The observer made his own count of fish transhipped by species and multiplied the average weight per species by the numbers transhipped to estimate the total weight of each species. Final weights for each transshipment were calculated by adding the total for each species represented therein.

XXX flagged vessels typically transhipped a greater diversity of species than vessels that were XXX or XXX flagged. Strings during transhipments from XXX flagged vessels were usually larger and more mixed than from XXX or XXX flagged vessels. As a result, transhipments from XXX flagged vessels were more difficult to.

Transhipments were dominated by bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) in gilled and gutted (GG) form, comprising 88.98% of all fish transhipped. The final two transhipments consisted mainly of southern bluefin tuna (*T. maccoyii* [GG]) and made up 5.24% of all fish transhipped. Swordfish (*X. gladius* [DR as well as FL]), Atlantic blue marlin (*M. nigricans* [GG and DR]) and albacore (*T. alalunga* [RD]) were also commonly observed during most transhipments and together contributed to 5.68% of all fish transhipped. The remainder of species observed during this deployment comprised 0.1% of all fish transhipped and included opah (*L. guttatus* [DR]), Atlantic sailfish (*I. albicans* [DR]), narrow-barred Spanish mackerel (*S. commerson* [DR]), striped marlin (*T. audax* [GG]) and skipjack (*K. pelamis* [RD]).

The CV made use of a hook scale which was used to determine the weight of each string. This information was provided to the observer and was a useful reference.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
31				No	14/06/20	29°28.552 S	003°21.709 E	02:12	100.00%
32				No	14/06/20	29°24.848 S	003°16.466 E	02:18	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF) (t)	Catch Monitoring Form Number	Tag series number (from – to)
31	9	796	40.765		0001 to 0796
31	9	346	15.640		0788 to 1133
32	9	403	19.840		1159 to 1561
32	9	741	38.467		0001 to 0741

Comments:

The *T. maccoyii* transhipped were all tagged with the specified tags and the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring (CMF) was completed and signed by the master of the CV, The master of the LSPLV and the observer. For both transhipments, the LSPLV completed two sets of CCSBT CMF to accommodate different tag series numbers being used.

All *Thunnus maccoyii* seen by the observer were tagged in the prescribed manner.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
28			No	09/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	No**	U	U
29			No	10/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	No**	U	U
30			No	10/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	No**	U	U
31			No	14/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	No**	U	U
32			No	14/06/20	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	No	U	No**	U	U

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

U-Unknown

** XXX LSPLVs apparently made use of Electronic logbooks which could only be viewed on board the LSPLV. As the observer was not boarding the LSPLVs during this voyage, this information could therefore not be collected.

It was impossible for the observer to confirm whether or not VMS units were functional and switched on, but ATFs and bound logbooks were passed to the CV for the observer's perusal. XXX flagged vessels could not pass their logbooks to the CV because the logbooks were in electronic format.

Table 9 **Comments on LSPLV checks**

No	Comments
23	The name on the Starboard bow was displayed as "XXX" while the name "XXX" was displayed on the stern of the LSPLV. Figure 3 Starboard bow markings of the XXX

The observer made no 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

9 Other Observer Tasks.

9.1 CV waste disposal

A well-managed waste disposal system is in place on board the carrier vessel. Waste is separated by type in well-marked containers at various places throughout the vessel. In addition, an incinerator was installed at the stern of the vessel on the starboard side.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment.

9.3 Marine mammals.

Table 8 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
25/05/20	13:20	08°51.3'N	024°01.2'W	Sperm whale (<i>Physeter macrocephalus</i>).	Seven. Six adults and one calf.	Swimming in easterly direction.

10 Health and Safety on board the CV

The observer did not have any health or safety concerns on board the CV

11 Submitting Report to the Master

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

Yes	No
X	

Table 9 Non-ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		29/04/2020	33°03.582'S	008°35.945'E	Fuel, bait and provisions	Yes (5)
		29/04/2020	33°05.516'S	008°34.961'E	Fuel, bait and provisions	Yes (5)
		29/04/2020	33°08.370'S	008°34.483'E	Fuel, bait and provisions	Yes (5)
		01/05/2020	23°41.504'S	009°15.248'E	Fuel and provisions	Yes (5)
		04/05/2020	10°15.421'S	008°01.190'E	Fuel, bait and provisions	Yes (5)
		05/05/2020	09°09.603'S	009°15.573'E	Fuel, bait and provisions	Yes (5)
		05/05/2020	09°03.854'S	009°18.018'E	Fuel, bait and provisions	Yes (5)
		05/05/2020	08°55.381'S	009°17.781'E	Fuel, bait and provisions	Yes (5)
		06/05/2020	05°20.358'S	007°21.543'E	Provisions	Yes (5)
		16/05/2020	06°29.876'S	010°30.826'W	General cargo and provisions	Yes (5)
		20/05/2020	08°38.221'S	018°46.468'W	Bait, general cargo and provisions	Yes (5)
		23/05/2020	06°03.595'S	019°12.201'W	Bait, general cargo and provisions	Yes (5)
		25/05/2020	03°31.141'N	019°01.112'W	General cargo and provisions	Yes (5)

Table 13 In-Port Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo

No In-Port transhipments were performed during this deployment.

ICCAT

Observer Report



Trip Number:	247/20
Vessel Name:	Chikuma
ICCAT Ref. No.	AT000LBR00003
Observer Name:	Unobserved
Cruise Dates:	From: 16/06/2020 To: 29/07/2020

1 Cruise Summary

The Liberia registered Carrier Vessel (CV) Chikuma (RFMO No. AT000LBR00003) conducted a voyage transshipping tuna, and tuna-like species in the Atlantic Ocean from 16/06/2020 to 29/07/2020.

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

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

2 Carrier Vessel details

Vessel name:	Chikuma	Call sign:	D5JI4
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	MRS Corporation	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3900 t
Size (GRT):	6558 t	Length (LOA):	134.2 m
Vessel monitoring system (present/absent):		Unknown	
Tuna products already on board (Quantity)		Unknown	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	Not Boarded
Date of departure	10/06/2020
Method of embarkation	Not Boarded
Date of first transshipment	16/06/2020
Date of last transshipment	24/07/2020
Port of return	Panama
Date of return	29/07/2020
Date of disembarkation	Not Boarded
Method of disembarkation	Not Boarded

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

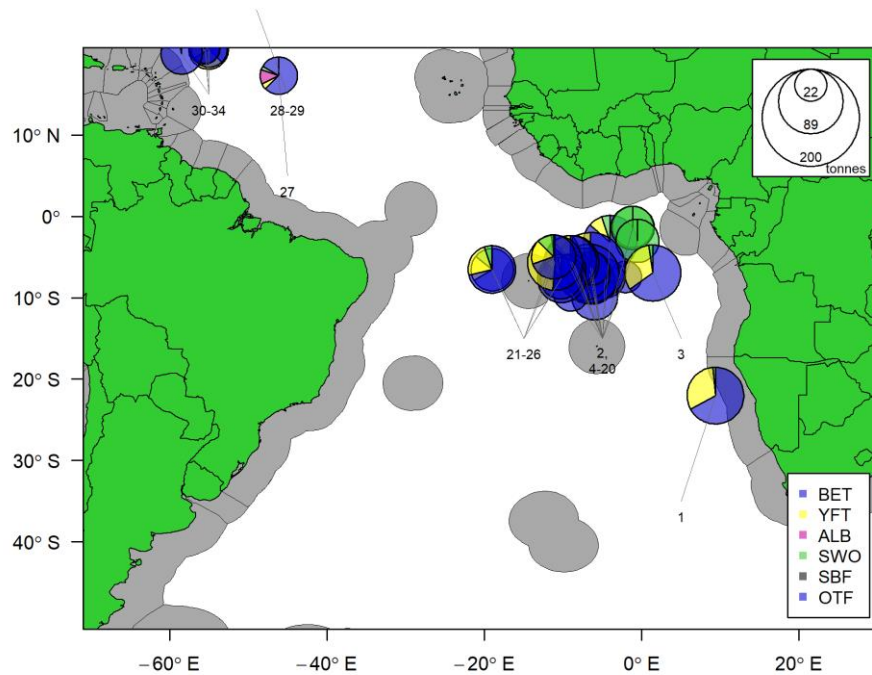


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	23
XXX	6
XXX	1
XXX	3

Comments:

No Transhipments were observed during this deployment.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Lat	Lon	Checked	Transhipment time	% Observed
1				16/06/2020	22°01 S	009°22 E	No	02:25	NA
2				20/06/2020	07°26 S	002°02 W	No	02:55	NA
3				21/06/2020	06°57 S	001°24 E	No	01:10	NA
4				23/06/2020	01°18 S	001°09 W	No	02:05	NA
5				23/06/2020	01°24 S	001°10 W	No	01:30	NA
6				24/06/2020	03°00 S	000°33 W	No	01:20	NA
7				25/06/2020	03°11 S	004°01 W	No	01:15	NA
8				26/06/2020	07°37 S	004°41 W	No	02:00	NA
9				27/06/2020	08°03 S	006°15 W	No	01:50	NA
10				28/06/2020	09°55 S	005°59 W	No	04:55	NA
11				29/06/2020	07°29 S	006°21 W	No	02:15	NA
12				30/06/2020	07°04 S	006°39 W	No	02:35	NA
13				01/07/2020	07°06 S	007°22 W	No	03:10	NA
14				02/07/2020	06°23 S	006°18 W	No	02:35	NA
15				02/07/2020	06°16 S	006°30 W	No	01:55	NA
16				03/07/2020	05°39 S	008°51 W	No	03:05	NA
17				03/07/2020	05°34 S	009°05 W	No	03:20	NA
18				04/07/2020	06°29 S	009°02 W	No	07:20	NA
19				05/07/2020	06°02 S	008°31 W	No	03:40	NA
20				06/07/2020	09°26 S	008°59 W	No	05:05	NA
21				07/07/2020	07°39 S	010°11 W	No	01:10	NA
22				07/07/2020	07°35 S	010°16 W	No	00:55	NA
23				08/07/2020	05°42 S	011°01 W	No	03:15	NA
24				09/07/2020	04°58 S	011°13 W	No	03:10	NA

No	Name	RFMO No	Flag	Date	Lat	Lon	Checked	Transshipment time	% Observed
25				11/07/2020	06°33 S	019°00 W	No	01:35	NA
26				11/07/2020	06°31 S	019°03 W	No	01:50	NA
27				18/07/2020	17°17 N	046°08 W	No	02:30	NA
28				20/07/2020	25°26 N	048°58 W	No	02:25	NA
29				20/07/2020	25°26 N	049°00 W	No	05:05	NA
30				22/07/2020	20°32 N	055°03 W	No	03:00	NA
31				22/07/2020	20°33 N	054°59 W	No	02:35	NA
32				23/07/2020	20°35 N	055°27 W	No	04:40	NA
33				23/07/2020	20°34 N	055°34 W	No	06:35	NA
34				24/07/2020	20°00 N	058°29 W	No	06:50	NA

Comments:

No Transshipments were observed during this deployment.

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	25,715	0	2,002	0	1,250	0	6,763	0	35,730	NA	NA
2	0	59,221	0	0	0	0,501	0	2,129	0	61,851	NA	NA
3	0	32,140	0	0	0	0	0	0	0	32,140	NA	NA
4	0	17,320	0	29,067	0	0	0	0	0	46,387	NA	NA
5	0	25,500	0	13,000	0	0	0	0	0	38,500	NA	NA
6	0	21,965	0	2,424	0	0	0	0	0	24,389	NA	NA
7	0	25,705	0	0,916	0	0	0	0	0	26,621	NA	NA
8	0	48,674	0	1,298	0	0	0	0	0	49,972	NA	NA
9	0	28,745	0	0,576	0	0	0	0	0	29,321	NA	NA
10	0	73,275	0	7,369	0	4,260	0	0	0	84,904	NA	NA
11	0	0	0	0	0	49,500	0	0	0	49,500	NA	NA
12	0	0	0	0	0	55,000	0	0	0	55,000	NA	NA
13	0	0	0	0	0	54,669	0	0	0	54,669	NA	NA
14	0	49,032	0	3,161	0	4,896	0	0	0	57,089	NA	NA
15	0	37,091	0	1,485	0	7,419	0	0	0	45,995	NA	NA
16	0	50,900	0	1,508	0	6,102	0	0	0	58,510	NA	NA
17	0	60	0	1,420	0	0	0	0	0	61,420	NA	NA
18	0	131,250	0	11,600	0	0	0	0	0	142,850	NA	NA
19	0	90,054	0	7,699	0	6,143	0	0	0	103,896	NA	NA
20	0	76,113	0	1,578	0	2,453	0	0	0	80,144	NA	NA

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
21	0	32,548	0	0,595	0	0	0	0	0	33,143	NA	NA
22	0	24,545	0	0,659	0	0	0	0	0	25,204	NA	NA
23	0	75,461	0	9,683	0	0	0	0	0	85,144	NA	NA
24	0	70	0	11,000	0	0	0	0	0	81,000	NA	NA
25	0	23,801	0	1,385	0	1,870	0	0	0	27,056	NA	NA
26	0	36,400	0	1,000	0	0	0	0	0	37,400	NA	NA
27	0	59,459	0	8,258	0	0	0	0	0	67,717	NA	NA
28	0	50	0	1,000	0	0	0	0	0	51,000	NA	NA
29	0	45,564	0	41,490	0	1,800	0	0	0	88,854	NA	NA
30	0	39,800	0	9,980	0	7,193	0	0	0	56,973	NA	NA
31	0	35,100	0	10,100	0	7,500	0	0	0	52,700	NA	NA
32	0	47,213	0	15,885	0	3,413	0	0	0	66,511	NA	NA
33	0	60,368	0	30,085	0	2,095	0	0	0	92,548	NA	NA
34	0	63,280	0	29,800	0	1,480	0	0	0	94,560	NA	NA

Comments:

No transshipments were observed during this deployment.

6 Species and weight transferred

The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in ¡Error! No se encuentra el origen de la referencia. and average weights by species are shown in Figure 2
Proportions, by weight, of fish species transferred by transshipment.

Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed Percentage	Declared weight (t)	Declared Percentage
Albacore	Thunnus alalunga	S	0.00	0.00	5.76	0.29
Atlantic blue marlin	Makaira nigricans	All	0.00	0.00	2.05	0.10
Bigeye tuna	Thunnus obesus	All	0.00	0.00	1,516.24	75.86
Opah	Lampris guttatus	All	0.00	0.00	0.03	0.00
Other fish Unclassified	N/A	All	0.00	0.00	0.74	0.04
Striped marlin	Tetrapturus audax	All	0.00	0.00	0.31	0.02
Swordfish	Xiphias gladius	N	0.00	0.00	41.98	2.10
Swordfish	Xiphias gladius	S	0.00	0.00	175.56	8.78
Yellowfin tuna	Thunnus albacares	All	0.00	0.00	256.02	12.81

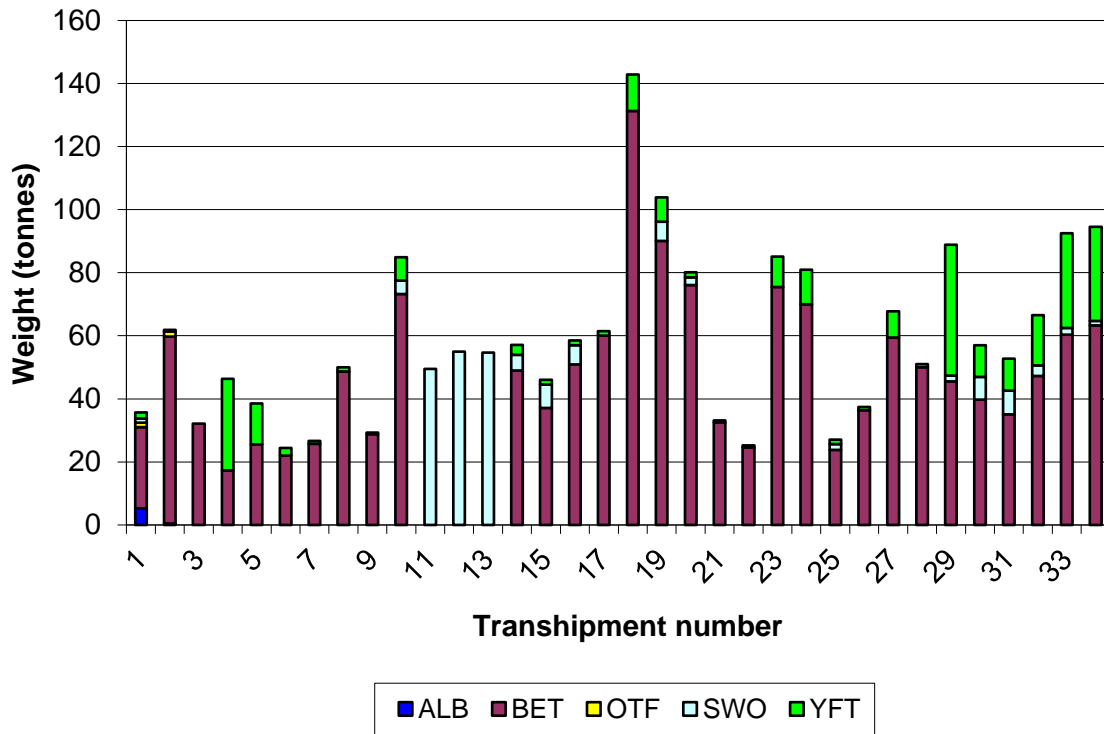


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	Thunnus alalunga	13.50
Atlantic blue marlin	Makaira nigricans	93.23
Bigeye tuna	Thunnus obesus	42.09
Opah	Lampris guttatus	9.33
Other fish Unclassified	N/A	13.89
Striped marlin	Tetrapturus audax	28.55
Swordfish	Xiphias gladius	54.40
Yellowfin tuna	Thunnus albacares	35.43

Comments:

Average weights were calculated from the figures provided in the transshipment declarations.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

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

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
N/A					

Comments: None.

8 LSTLV Checks

No checks were carried out during this deployment.

Table 8 Summary of boarding reports from LSTLVs.

No	Name	Flag	Boarded	Date	Markings correct			ATF					VMS		Logbooks			
					Name	IRCS	Reg.No.	Shown	In date	Expires	ICCAT Area	ATT	Shown	Power	Shown	Type	Last entry	
NA																		

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 9 Comments on LSTLV checks

No	Comments
N/A	

No Potential Non Compliance (PNC) reports were submitted during this deployment.

Table 10 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

N/A

9.2 Unidentified or IUU vessels

N/A

9.3 Marine mammals.

N/A

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

N/A

11 Submitting Report to the Master

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

Yes	No
	X

Table 12 Non ROP Transhipments

Vessel	Call sign	Reg. No.	RFMO Number	Date	Lat	Lon	Comments
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