

ICCAT

Observer Report



Trip Number:	210 – 17
Vessel Name:	TAISEI MARU No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	BRUCE BIFFARD
Cruise Dates:	01/12/2017 TO 10/02/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha LTD. and MRAG, Bruce Biffard no. 133 joined the Japanese registered Carrier Vessel (CV) Taisei Maru No. 15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 01/12/2017 to 10/02/2018.

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

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

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

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

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Taisei Maru No.15, on 02/12/2017. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 01/12/2017 and the vessel sailed from Cape Town, South Africa on 02/12/2017.

In total the vessel received 1738.403 tonnes of fish from 42 Large Scale Tuna Longline Vessels (LSPLVs). Transshipments occurred between 13/12/17 and 01/02/18 in the Atlantic Ocean. The minimum transferred was 15.027t; the maximum was 89.334t with an average transfer of 41.391ts. Transshipment times ranged from 29 mins to 2 hrs 59 mins. The CV also received 1242.663 tonnes from 10 vessel while anchored at Mindello, Cape Verde.

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha LTD.	Charterer:	Taisei Maru Kaiun Kaisha LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7m3
Size (GRT):	4969 GRT	Length (LOA):	124.25m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	NO		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	01/12/2017
Method of embarkation*	Portside
Date of departure	02/12/2017
Date of first transshipment	13/12/2017
Date of last transshipment	01/02/2018
Date of return	10/02/2018
Date of disembarkation	10/02/2018
Method of disembarkation*	Portside
Port of return	Durban, South Africa

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 42 transshipments at sea, the locations are shown in detail in

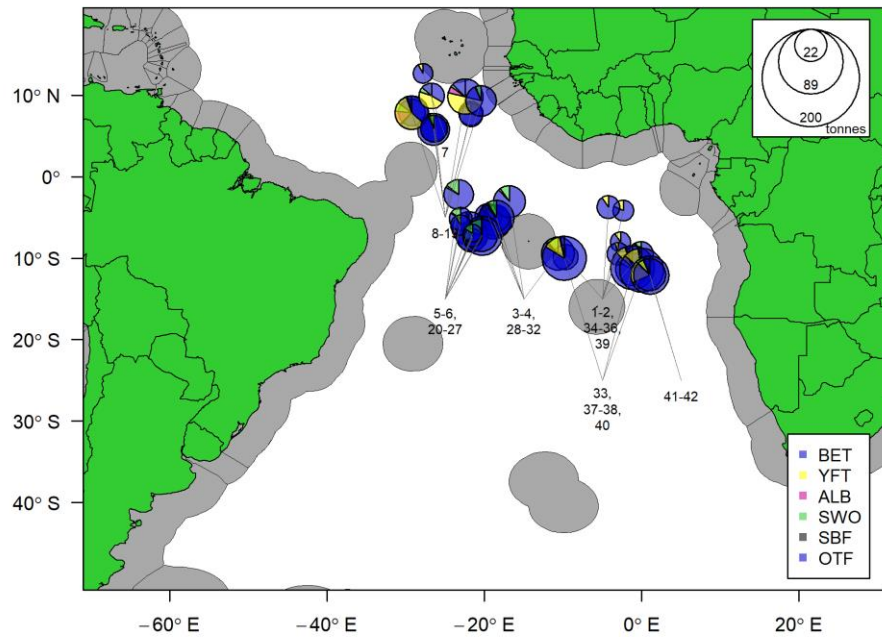


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

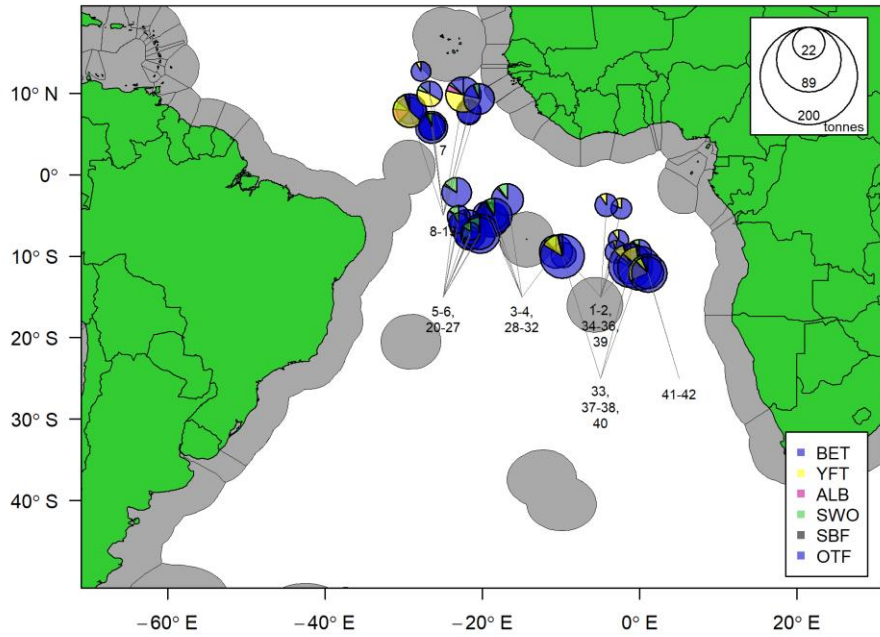


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
xxx	30
XXX	12

Comments:

The CV also made 39 non ROP transhipments, summarized in table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Insp.	Date	Lat.	Long.	Trans. time	% Obs.
1				YES	2017-12-13	04°08.801 S	002°20.627 W	1:23	100
2				YES	2017-12-14	03°43.387 S	004°14.726 W	0:53	100
3				YES	2017-12-19	05°35.377 S	018°44.987 W	1:09	100
4				YES	2017-12-19	05°31.725 S	018°49 W	0:58	100
5				YES	2017-12-20	07°14.295 S	020°15.486 W	2:51	100
6				YES	2017-12-20	07°11.534 S	020°21.752 W	1:10	100
7				YES	2017-12-29	12°41.207 N	027°47.668 W	2:17	100
8				YES	2018-11-01	09°55.001 N	026°42.293 W	1:41	100
9				YES	2018-12-01	09°50.06 N	022°24.972 W	1:14	100
10				YES	2018-01-13	09°18.136 N	020°25.114 W	1:44	100
11				YES	2018-01-14	07°46.774 N	021°42.608 W	1:58	100
12				YES	2018-01-14	07°34.257 N	021°41.681 W	1:47	100
13				YES	2018-01-15	05°53.851 N	026°24.461 W	0:40	100
14				YES	2018-01-15	05°53.436 N	026°25.181 W	1:04	100
15				YES	2018-01-15	05°51.299 N	026°26.601 W	0:50	100
16				YES	2018-01-15	05°49.146 N	026°28.079 W	1:38	100
17				YES	2018-01-16	07°53.048 N	029°14.167 W	0:42	100
18				YES	2018-01-16	07°51.641 N	029°13.756 W	0:40	100
19				YES	2018-01-16	07°50.829 N	029°14.831 W	1:03	100
20				YES	2018-01-18	02°10.305 S	023°16.077 W	2:35	100
21				YES	2018-01-19	05°09.692 S	023°00.455 W	1:32	100
22				YES	2018-01-19	05°55.262 S	023°01.177 W	2:07	100

No	Name	RFMO No	Flag	Insp.	Date	Lat.	Long.	Trans. time	% Obs.
23				YES	2018-01-20	07°28.898 S	021°29.474 W	2:59	100
24				YES	2018-01-20	07°20.743 S	021°33.945 W	1:38	100
25				YES	2018-01-20	07°17.905 S	021°36.904 W	1:28	100
26				YES	2018-01-21	06°56.125 S	021°29.862 W	2:36	100
27				YES	2018-01-21	06°20.195 S	021°57.3 W	1:34	100
28				YES	2018-01-22	04°55.944 S	019°29.86 W	2:03	100
29				YES	2018-01-22	05°05.131 S	018°28.102 W	1:15	100
30				YES	2018-01-22	05°04.417 S	018°29.639 W	1:21	100
31				YES	2018-01-23	03°02.894 S	016°48.985 W	2:49	100
32				YES	2018-01-25	09°25.874 S	010°38.96 W	1:41	100
33				YES	2018-01-25	10°00.208 S	009°50.77 W	0:47	100
34				YES	2018-01-25	09°51.111 S	009°40.9 W	0:41	100
35				YES	2018-01-27	08°00.653 S	002°42.025 W	0:29	100
36				YES	2018-01-27	09°27.693 S	002°59.367 W	0:35	100
37				YES	2018-01-28	11°21.011 S	001°15.812 W	2:54	100
38				YES	2018-01-28	11°08.886 S	001°11.05 W	1:46	100
39				YES	2018-01-30	09°28.031 S	000°06.149 W	2:28	100
40				YES	2018-01-31	11°27.457 S	000°02.16 W	2:59	100
41				YES	2018-01-02	12°04.27 S	001°02.085 E	2:17	100
42				YES	2018-01-02	12°01.184 S	000°59.734 E	1:31	100

Comments:

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Wt.	%
1	26,700	26,700	0,400	0,350	0	0	0	0	27,100	27,050	-50	-0.18
2	22,302	22,553	1,968	2,348	0	0	0	0	24,270	24,901	630	2.53
3	29,810	29,910	0,756	0,635	0	0	0	0	30,566	30,545	-20	-0.07
4	30,150	29,975	0,585	0,621	0	0	0	0	30,735	30,596	-140	-0.45
5	46,640	45,508	1,521	1,608	0	0	0	0	48,161	47,116	-1,050	-2.22
6	34,017	32,624	0,540	0,539	0	0	0	0	34,557	33,163	-1,390	-4.20
7	30,884	31,992	0,564	0,419	4,331	4,413	8,197	7,796	43,976	44,620	640	1.44
8	19,710	18,69	29,790	29,734	0,326	0,281	2,290	2,295	52,116	51,000	-1,120	-2.19
9	10,455	10,153	14,196	13,990	1,984	1,970	4,047	4,003	30,682	30,116	-570	-1.88
10	16,652	16,958	28,440	28,681	1,566	1,579	7,408	7,357	54,066	54,575	510	0.93
11	39,875	40,401	0,369	0,331	2,460	2,479	0	0	42,704	43,211	510	1.17
12	30,992	31,277	0,315	0,243	2,200	2,150	0	0	33,507	33,67	160	0.48
13	16,907	16,433	1,401	1,422	0	0	0	0	18,308	17,855	-450	-2.54
14	16,698	16,290	3,901	3,672	0	0	0	0	20,599	19,962	-640	-3.19
15	21,978	21,730	2,310	2,265	0	0	0	0	24,288	23,995	-290	-1.22
16	25,284	24,490	4,455	4,526	0	0	0	0	29,739	29,016	-720	-2.49
17	17,385	17,125	1,953	1,824	0	0	0	0	19,338	18,949	-390	-2.05
18	22,458	22,152	1,092	1,125	0	0	0	0	23,55	23,277	-270	-1.17
19	25,665	25,409	0,594	0,596	1,900	2,063	0	0	28,159	28,068	-90	-0.32
20	41,658	42,000	0,700	0,741	3,922	3,969	0,735	0,799	47,015	47,509	490	1.04
21	30,952	31,000	0	0	0	0	1,100	1,156	32,052	32,156	100	0.32
22	48,654	48,841	1,125	1,170	5,175	5,100	0	0	54,954	55,111	160	0.28
23	43,600	43,950	0,989	0,850	5,724	5,899	0	0	50,313	50,699	390	0.76
24	28,808	28,460	0,602	0,476	3,021	3,215	0	0	32,431	32,151	-280	-0.87
25	41,305	41,394	0,966	0,879	4,368	4,669	0	0	46,639	46,942	300	0.65

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Obs.	Vessel	Wt.	%
26	53,550	52,898	0,840	0,750	4,914	4,822	0	0	59,304	58,47	-830	-1.43
27	34,350	33,735	0,925	0,883	5,640	5,983	0	0	40,915	40,601	-310	-0.77
28	51,516	50,631	0,720	0,630	0,966	0,901	0	0	53,202	52,162	-1,040	-1.99
29	41,384	41,000	0,504	0,500	0	0	0	0	41,888	41,500	-390	-0.93
30	44,718	44,552	0,615	0,567	0	0	0	0	45,333	45,119	-210	-0.47
31	70,308	70,000	0,560	0,487	0	0	0	0	70,868	70,487	-380	-0.54
32	39,589	38,085	1,242	1,075	9,512	9,485	0	0	50,343	48,645	-1,700	-3.49
33	20,540	20,092	0,220	0,221	3,886	3,798	0	0	24,646	24,111	-540	-2.22
34	16,575	17,000	0,039	0,039	1,672	1,600	0	0	18,286	18,639	350	1.89
35	10,496	10,376	0	0	4,717	4,651	0	0	15,213	15,027	-190	-1.24
36	12,934	12,700	0,070	0,070	2,562	2,489	0	0	15,566	15,259	-310	-2.01
37	77,380	75,249	11,417	11,285	0,567	0,570	2,737	2,730	92,101	89,834	-2,270	-2.52
38	41,265	40,733	4,200	4,130	0,840	0,846	2,192	2,197	48,497	47,906	-590	-1.23
39	78,375	77,414	6,570	6,497	0,834	0,834	4,250	4,253	90,029	88,998	-1,030	-1.16
40	79,820	77,641	9,870	9,603	0,744	0,746	1,729	1,728	92,163	89,718	-2,450	-2.73
41	47,368	46,174	12,744	12,606	4,900	4,813	3,957	3,862	68,969	67,455	-1,510	-2.24
42	42,225	42,439	2,688	2,582	0,410	0,409	2,788	2,789	48,111	48,219	110	0.22

Comments:

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	11,560	0.66	11,110	0.64
Albacore	<i>Thunnus alalunga</i>	S	2,940	0.17	3,060	0.18
Atlantic blue marlin	<i>Makaira nigricans</i>	N	6,940	0.40	6,940	0.40
Atlantic blue marlin	<i>Makaira nigricans</i>	S	15,280	0.87	15,200	0.87
Atlantic sailfish	<i>Istiophorus albicans</i>	NE	1,340	0.08	1,270	0.07
Atlantic sailfish	<i>Istiophorus albicans</i>	SE	120	0.01	110	0.01
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	160	0.01	470	0.03
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0	0	190	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	1,481,930	84.43	1,466,730	84.37
Black marlin	<i>Makaira indica</i>	S	80	0	80	0
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0	0	690	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Mako sharks	<i>Isurus spp</i>	S	770	0.04	770	0.04
Mako sharks	<i>Isurus spp</i>	NE	570	0.03	570	0.03
Opah	<i>Lampris guttatus</i>	NE	70	0	200	0.01
Opah	<i>Lampris guttatus</i>	SE	100	0.01	90	0.01
Other fish	NA	NE	1,270	0.07	150	0.01
Other fis	NA	SE	200	0.01	0	0
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0	0	10	0
Striped marlin	<i>Tetrapturus audax</i>	NE	30	0	30	0
Swordfish	<i>Xiphias gladius</i>	N	9,200	0.52	9,320	0.54
Swordfish	<i>Xiphias gladius</i>	S	69,950	3.98	70,410	4.05
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	NE	10	0	10	0
Yellowfin tuna	<i>Thunnus albacares</i>	All	152,760	8.70	150,970	8.68

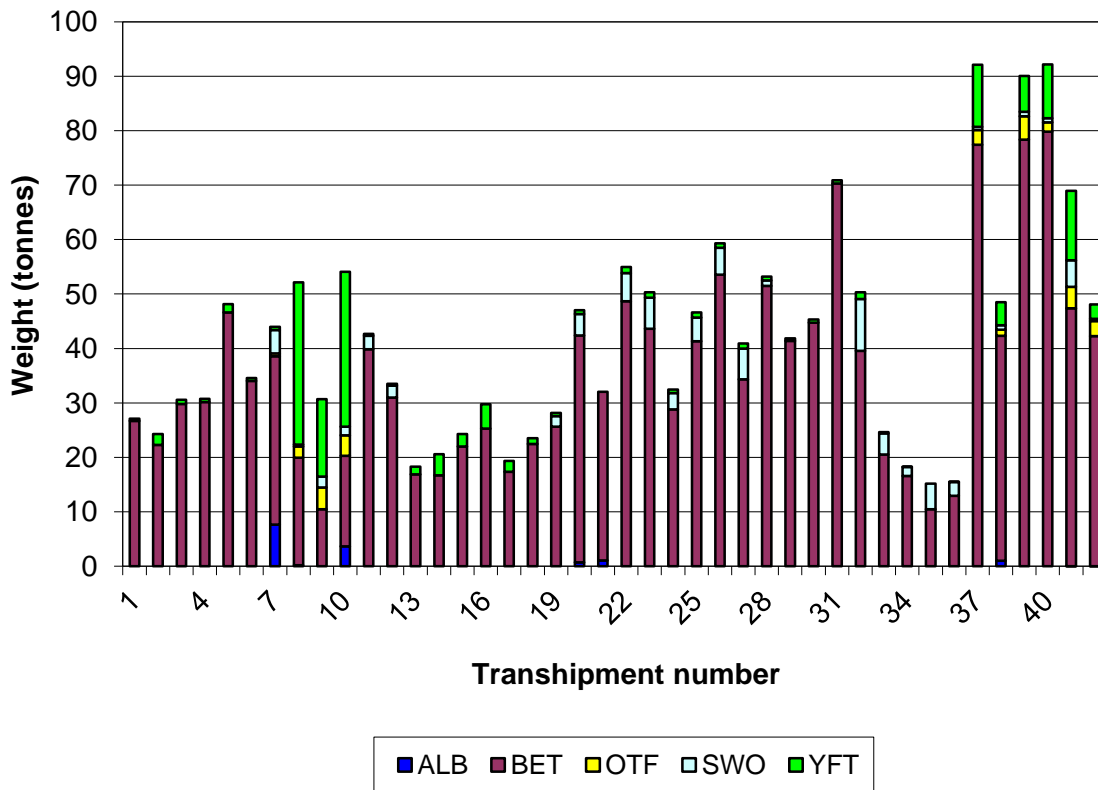


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Average weights-Observed		
Common Name	Scientific name	Avg. Wt.
Albacore	<i>Thunnus alalunga</i>	21.06
Atlantic blue marlin	<i>Makaira nigricans</i>	103.33
Atlantic sailfish	<i>Istiophorus albicans</i>	16.19
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	8.00
Bigeye tuna	<i>Thunnus obesus</i>	53.34
Black marlin	<i>Makaira indica</i>	80.00
Mako sharks	<i>Isurus spp</i>	43.32
Opah	<i>Lampris guttatus</i>	10.56
Other fish Unclassified	N/A	5.88
Striped marlin	<i>Tetrapturus audax</i>	17.00
Swordfish	<i>Xiphias gladius</i>	59.82
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	11.00
Yellowfin tuna	<i>Thunnus albacares</i>	45.02

Comments:

The main species transferred were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). The product type of these species was gilled and gutted while other species were dressed, fillet or round.

The vessel used a hook scale for all transshipments. This helped the observer assess string weights with greater accuracy.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin (*Thunnus maccoyii*) were transhipped.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	13/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/12/2017
2			Y	14/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/14/2017
3			Y	19/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/18/2017
4			Y	19/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/18/2017
5			Y	20/12/17	Y	Y	Y	Y	Y	22/01/18	Y	Y	Y	Y	Y	PB	12/20/2017
6			Y	20/12/17	Y	Y	Y	Y	Y	31/12/17	Y	Y	Y	Y	Y	PB	12/20/2017
7			Y	29/12/17	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	12/28/2017
8			Y	01/11/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	10/01/2018
9			Y	01/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	11/01/2018
10			Y	13/01/18	Y	Y	Y	Y	Y	31/07/23	Y	Y	Y	Y	Y	EL	12/01/2018
11			Y	14/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
12			Y	14/01/18	Y	Y	Y	Y	Y	15/07/18	Y	Y	Y	Y	Y	PB	01/13/2018
13			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
14			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/14/2018
15			Y	15/01/18	Y	Y	Y	Y	Y	22/05/18	Y	Y	Y	Y	Y	PB	01/14/2018
16			Y	15/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
17			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
18			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/15/2018
19			Y	16/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	01/16/2018

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
20			Y	18/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/17/2018
21			Y	19/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/18/2018
22			Y	19/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/19/2018
23			Y	20/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
24			Y	20/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
25			Y	20/01/18	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	Y	PB	01/19/2018
26			Y	21/01/18	Y	Y	Y	Y	Y	07/07/18	Y	Y	Y	Y	Y	Y	PB	01/20/2018
27			Y	21/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/21/2018
28			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/22/2018
29			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/21/2018
30			Y	22/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/22/2018
31			Y	23/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/23/2018
32			Y	25/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PB	01/25/2018
33			Y	25/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/24/2018
34			Y	25/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/24/2018
35			Y	27/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	PB	01/26/2018
36			Y	27/01/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	Y	PB	01/26/2018
37			Y	28/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/27/2018
38			Y	28/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/28/2018
39			Y	30/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/30/2018
40			Y	31/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/30/2018
41			Y	02/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/31/2018
42			Y	02/01/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	Y	EL	01/31/2018

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

Table 9 **Comments on LSPLV checks**

No	Comments
5	VESSELS SIDE IRCS WAS OBSCURED BY ALGAE GROWTH. A PNC WAS COMPLETED.

The observer made 1 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
05			21005	IIM		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had an incinerator set up on the stern for combustible waste. There were separate containers for the following: cans; bottles/glass; plastic; food waste; operational waste; cooking oil; combustible waste. All non-combustible and recyclable waste was retained for disposal when in port.



Figure 3 CV waste disposal methods.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed.

9.3 Marine mammals.

There were no marine mammals observed.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour

10 Health and Safety on board the CV

There were no health and safety concerns on board the vessel.

11 Submitting Report to the Master

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

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		06/12/2017	16° 16.780'S	07° 32.625'E	Vessel loads supplies	YES
		06/12/2017	16° 14.780'S	07° 33.572'E	Vessel loads supplies and fuel	YES
		06/12/2017	16° 12.025'S	07° 31.692'E	Vessel loads supplies	YES
		06/12/2017	16° 12.025'S	07° 31.692'E	Vessel loads supplies and fuel	YES
		07/12/2017	12° 00.783'S	08° 39.856'E	Vessel loads supplies, fuel & bait	YES
		08/12/2017	10° 59.073'S	08° 57.774'E	Vessel loads supplies	YES
		08/12/2017	10° 58.265'S	08° 57.479'E	Vessel loads supplies & fuel	YES
		08/12/2017	10° 57.313'S	08° 56.238'E	Vessel loads supplies & fuel	YES
		09/12/2017	08° 32.288'S	04° 57.120'E	Vessel loads supplies & fuel	YES
		09/12/2017	08° 29.569'S	04° 57.596'E	Vessel loads supplies & bait	YES
		10/12/2017	06° 36.222'S	04° 09.057'E	Vessel loads supplies	YES
		11/12/2017	06° 49.068'S	03° 10.410'E	Vessel loads supplies	YES
		11/12/2017	06° 46.940'S	03° 13.227'E	Vessel loads supplies & bait	YES
		12/12/2017	04° 49.687'S	01° 15.542'W	Vessel loads supplies & bait	YES
		12/12/2017	04° 45.691'S	01° 17.238'W	Vessel loads supplies	YES
		12/12/2017	04° 02.588'S	01° 25.413'W	Vessel loads supplies	YES
		14/12/2017	03° 59.740'S	04° 00.508'W	Vessel loads supplies & bait	YES
		15/12/2017	04° 27.760'S	03° 50.152'W	Vessel loads supplies & bait	YES
		15/12/2017	04° 22.533'S	03° 50.301'W	Vessel loads supplies & bait	YES
		16/12/2017	07° 58.272'S	05° 29.510'W	Vessel loads supplies	YES
		16/12/2017	08° 01.390'S	05° 31.021'W	Vessel loads supplies	YES
		18/12/2017	06° 45.078'S	09° 39.656'W	Vessel loads supplies & bait	YES
		19/12/2017	05° 28.184'S	19° 03.017'W	Vessel loads supplies & bait	YES

Table 12 Non ROP Transhipments Continued

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		20/12/2017	07° 10.098'S	20° 24.782'W	Vessel loads supplies & bait	YES
		20/12/2017	07° 19.558'S	18° 54.588'W	Vessel loads supplies & bait	YES
		21/12/2017	08° 07.702'S	20° 27.518'W	Vessel loads supplies & bait	YES
		21/12/2017	06° 33.125'S	18° 59.669'W	Vessel loads supplies & bait	YES
		22/12/2017	06° 21.258'S	22° 28.807'W	Vessel loads supplies & bait	YES
		22/12/2017	06° 08.644'S	22° 39.603'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 39.951'S	20° 11.416'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 38.211'S	20° 12.181'W	Vessel loads supplies & bait	YES
		23/12/2017	02° 29.751'S	19° 35.605'W	Vessel loads supplies & bait	YES
		25/12/2017	05° 35.856'N	19° 20.895'W	Vessel loads supplies, fuel & bait	YES
		27/12/2017	07° 44.168'N	26° 32.895'W	Vessel loads supplies & fuel	YES
		28/12/2017	08° 39.483'N	25° 50.520'W	Vessel loads supplies & bait	YES
		29/12/2017	12° 30.890'N	27° 17.332'W	Vessel loads supplies & fuel	YES
		29/01/2018	08° 49.693'S	00° 06.301'E	Vessel takes on fuel	YES
		29/01/2018	08° 41.113'S	00° 06.285'E	Vessel loads supplies & fuel	YES
		01/02/2018	12° 06.953'S	01° 03.902'E	Vessel loads supplies & fuel	YES

Comments:

*LSPLV was not in the database provided. MRAG office emailed updated information.

**XXX was not in the database provided. MRAG office emailed updated information.

ICCAT

Observer Report



Trip Number:	<i>211/18</i>
Vessel Name:	<i>M/V CHIKUMA</i>
ICCAT Ref. No.	<i>AT000LBR00003</i>
Observer Name:	<i>SILVESTRE RAMOS NATARIO</i>
Cruise Dates:	<i>From: 01/02/2018 To: 05/05/2018</i>

1 Cruise Summary

In accordance with the bilateral agreement between OCEANWIDE SHIPPING S.A. and MRAG UK, *Silvestre Ramos Natario* - ROP no. 145 joined the Liberia registered Carrier Vessel (CV) (*M/V CHIKUMA* - AT000LBR00003) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 01/02/2018 to 05/05/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	M/V CHIKUMA	Call sign:	D5JI4
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	OceanWide Shipping S.A.	Charterer:	MRS
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	284,094 cft
Size (GRT):	6.558 T	Length (LOA):	134.5
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	PANAMA BAY
Date of embarkation	01/02/2018
Method of embarkation*	Transfer vessel in port
Date of departure	01/02/2018
Date of first transshipment	14/02/2018
Date of last transshipment	08/04/2018
Date of return	08/04/2018
Date of disembarkation	05/05/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 44 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV has also conducted 7 transhipments in Mindelo Port (Cabo Verde) in two different dates, as from 17/02/2018 to 18/02/2018 and the second date was from 15/03/2018 to 17/03/2018.

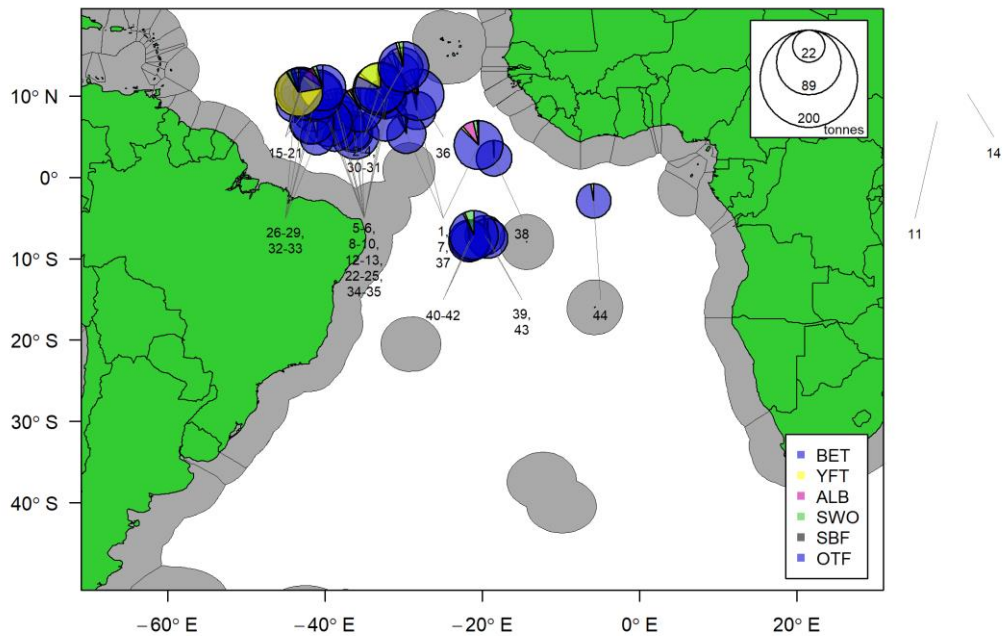


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	17
XXX	9
XXX	1
XXX	17

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	14/02/2018	08°13 N	028°19 W	02:21	100
2				Yes	15/02/2018	12°43 N	030°42 W	02:46	100
3				Yes	20/02/2018	13°35 N	030°02 W	03:04	100
4				Yes	20/02/2018	13°31 N	030°06 W	06:19	100
5				Yes	21/02/2018	09°40 N	032°20 W	03:25	100
6				Yes	22/02/2018	09°41 N	031°59 W	02:58	100
7				Yes	23/02/2018	05°21 N	029°40 W	02:58	100
8				Yes	24/02/2018	05°30 N	036°23 W	04:19	100
9				Yes	25/02/2018	05°30 N	036°23 W	02:22	100
10				Yes	25/02/2018	05°10 N	036°10 W	03:01	100
11				Yes	26/02/2018	06°49 N	037°45 E	02:11	100
12				Yes	26/02/2018	06°46 N	037°45 W	01:29	100
13				Yes	27/02/2018	05°37 S	038°42 W	03:30	100
14				Yes	28/02/2018	10°12 N	041°41 E	03:20	100
15				Yes	01/03/2018	10°42 N	043°06 W	04:55	100
16				Yes	01/03/2018	10°38 N	043°13 W	04:35	100
17				Yes	02/03/2018	10°32 N	043°08 W	04:45	100
18				Yes	02/03/2018	10°26 N	043°22 W	06:20	100
19				Yes	03/03/2018	10°10 N	040°53 W	03:13	100
20				Yes	04/03/2018	10°03 N	040°53 W	02:36	100
21				Yes	04/03/2018	11°00 N	040°17 W	02:05	100
22				Yes	05/03/2018	08°24 N	038°27 W	04:03	100
23				Yes	05/03/2018	08°18 N	038°33 W	02:15	100
24				Yes	06/03/2018	06°49 N	039°25 W	05:42	100
25				Yes	06/03/2018	06°42 N	039°34 W	04:25	100

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transshipment time	% Observed
26				Yes	07/03/2018	04°51 N	041°01 W	04:10	100
27				Yes	08/03/2018	06°50 N	041°38 W	03:40	100
28				Yes	08/03/2018	06°45 N	041°44 W	05:05	100
29				Yes	09/03/2018	07°59 N	041°39 W	04:35	100
30				Yes	12/03/2018	11°01 N	032°59 W	05:20	100
31				Yes	12/03/2018	10°50 N	033°10 W	05:00	100
32				Yes	21/03/2018	09°05 N	043°50 W	04:45	100
33				Yes	22/03/2018	09°11 N	042°29 W	05:15	100
34				Yes	24/03/2018	08°20 N	035°31 W	03:30	100
35				Yes	26/03/2018	07°10 N	032°19 W	03:50	100
36				Yes	27/03/2018	10°10 N	028°11 W	03:50	100
37				Yes	29/03/2018	03°59 N	020°29 W	04:15	100
38				Yes	30/03/2018	02°21 N	018°31 W	01:35	100
39				Yes	01/04/2018	07°06 S	019°41 W	02:30	100
40				Yes	02/04/2018	07°48 S	021°35 W	02:30	100
41				Yes	02/04/2018	07°48 S	021°39 W	04:00	100
42				Yes	04/04/2018	07°05 S	021°05 W	02:05	100
43				Yes	05/04/2018	07°30 S	019°18 W	02:40	100
44				Yes	08/04/2018	02°53 S	005°51 W	05:50	100

Comments:

All transshipments were checked.

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	51,978	50,000	425	479	0	0	0	0	52,403	50,479	-1,924	-3.81
2	53,346	54,865	453	506	718	778	935	363	55,452	56,989	1,537	2.70
3	50,767	56,158	363	363	1,397	1,949	2,884	774	55,411	60,701	5,290	8.71
4	80,706	82,694	1,850	1,850	2,562	2,562	6,868	792	91,986	95,068	3,082	3.24
5	50,268	50,681	3,401	4,090	0	0	0	0	53,669	54,771	1,102	2.01
6	51,100	52,161	3,215	3,452	2,056	1,285	2,126	778	58,497	59,093	596	1.01
7	81,268	81,716	1,605	1,976	5,437	5,800	0	0	88,310	89,492	1,182	1.32
8	59,474	61,040	2,918	3,009	674	3,380	7,365	1,442	70,431	72,125	1,694	2.35
9	45,173	46,101	3,140	3,215	0	0	0	0	48,313	49,316	1,003	2.03
10	54,375	54,446	3,706	3,806	2,598	2,598	4,447	684	65,126	64,086	-1,040	-1.62
11	41,697	39,635	3,583	4,138	0	0	2,013	0	47,293	45,911	-1,382	-3.01
12	22,404	22,404	2,855	2,855	0	0	800	0	26,059	26,059	0	0.00
13	49,234	49,705	2,235	3,812	1,478	1,424	6,133	1,615	59,080	61,271	2,191	3.58
14	58,100	58,383	2,015	2,229	2,354	2,354	3,880	1,490	66,349	67,836	1,487	2.19
15	65,181	65,181	3,031	3,031	3,909	3,972	5,003	1,181	77,124	77,056	-68	-0.09
16	76,000	70,644	2,972	1,656	3,277	3,843	2,661	1,524	84,910	78,811	-6,099	-7.74
17	49,417	49,767	19,776	19,919	18,456	18,644	0	0	87,649	88,330	681	0.77
18	60,046	60,382	6,408	6,594	3,190	3,003	5,704	0	75,348	75,683	335	0.44
19	49,180	51,855	2,694	2,933	0	0	0	0	51,874	54,788	2,914	5.32
20	51,507	51,712	4,607	4,713	0	0	0	0	56,114	56,425	311	0.55
21	43,987	43,987	1,724	1,758	0	0	0	0	45,711	45,745	34	0.07
22	71,532	71,969	4,191	4,191	0	0	0	0	75,723	76,160	437	0.57
23	44,022	44,787	1,863	1,796	0	0	0	0	45,885	46,583	698	1.50
24	55,920	56,109	2,703	2,669	1,314	1,434	7,783	1,245	67,720	68,020	300	0.44
25	86,618	88,099	5,118	5,118	2,054	2,054	10,127	3,061	103,917	105,396	1,479	1.40
26	54,234	57,659	3,978	3,978	3,085	3,020	7,531	2,934	68,828	72,140	3,312	4.59
27	57,889	57,164	5,856	5,856	0	0	0	0	63,745	63,020	-725	-1.15
28	75,996	79,545	10,613	11,005	14,375	14,450	0	0	100,984	105,000	4,016	3.82
29	83,114	83,692	14,435	17,709	0	0	0	0	97,549	101,401	3,852	3.80

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
30	97,148	96,148	1,969	1,969	2,972	3,019	0	0	102,089	101,136	-953	-0.94
31	74,915	81,987	1,012	1,012	2,484	2,484	0	0	78,411	85,483	7,072	8.27
32	76,041	81,759	3,531	3,970	0	0	0	0	79,572	85,729	6,157	7.18
33	80,196	82,721	4,534	4,410	2,993	2,993	0	0	87,723	90,124	2,401	2.66
34	55,713	57,180	2,345	2,345	0	0	0	0	58,058	59,525	1,467	2.46
35	86,360	85,679	7,412	7,284	4,312	4,312	0	0	98,084	97,275	-809	-0.83
36	46,509	49,505	21,53	20,796	2,785	2,229	10,670	3,881	81,494	83,589	2,095	2.51
37	20,929	20,092	41,881	62,159	4,660	2,517	50,485	4,820	725,185	90,154	17,636	19.56
38	23,156	23,604	20,990	21,129	3,291	1,803	2,314	1,906	49,751	48,850	-901	-1.84
39	41,943	45,775	1,421	1,377	0	0	0	0	43,364	47,152	3,788	8.03
41	57,268	61,518	671	826	0	0	0	0	57,939	62,344	4,405	7.07
42	50,508	59,396	637	637	0	0	0	0	51,145	60,033	8,888	14.81
43	68,931	67,600	1,250	1,200	0	0	0	0	70,181	68,800	-1,381	-2.01
44	87,164	87,939	1,438	1,343	5,807	5,807	0	0	94,409	95,089	680	0.72

Comments:

From all of the 44 transhipments only two vessels showed a calculated difference bigger than 10%. The transhipments in cause are the number 37 and 42. The explanation for the first, it's mainly due to SWO FL, I counted each peace of SWO individually. The captain declared each 2 pieces as one unit. Transhipment 42 the reason for this difference is due to the vaired size of the fish, in addition the last 5 transhipments were made using a cargo net, so difficult to accurately count. Note both transhipments declared more fish.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	Thunnus alalunga	NORTH	61,150	2.02	64,230	2.07
Atlantic blue marlin	Makaira nigricans	All	21,920	0.72	17,460	0.56
Atlantic sailfish	Istiophorus albicans	All	610	0.02	380	0.01
Bigeye tuna	Thunnus obesus	All	2,601,640	85.92	2,654,130	85.49
Dolphinfish	Coryphaena hippurus	All	130	0	0	0.00
Mako sharks	Isurus spp	All	500	0.02	500	0.02
Narrow-barred Spanish mackerel	Scomberomorus commerson	All	3,070	0.10	2,010	0.06
Oilfish	Ruvettus pretiosus	All	5,290	0.17	6,020	0.19
Opah	Lampris guttatus	All	370	0.01	210	0.01
Other fish Unclassified	N/A	All	1,250	0.04	1,910	0.06
Swordfish	Xiphias gladius	NORTH	98,238	3.24	78,710	2.54
Swordfish	Xiphias gladius	SOUTH	0	0	18,990	0.61
Yellowfin tuna	Thunnus albacares	All	233,650	7.72	259,950	8.37

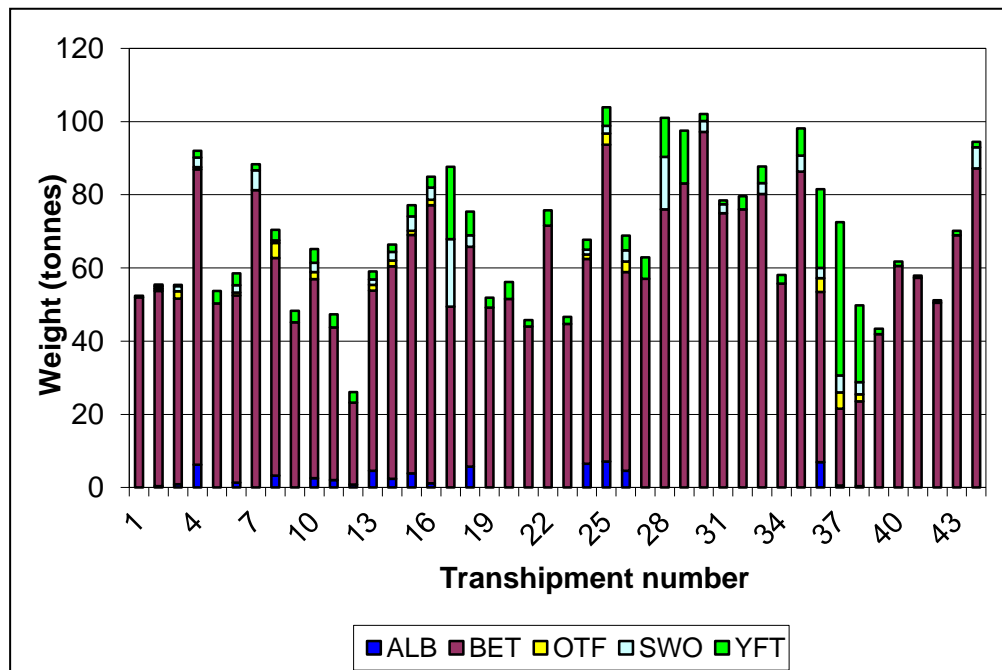


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21.97
Atlantic blue marlin	<i>Makaira nigricans</i>	73.06
Atlantic sailfish	<i>Istiophorus albicans</i>	22.52
Bigeye tuna	<i>Thunnus obesus</i>	35.83
Dolphinfish	<i>Coryphaena hippurus</i>	20.00
Mako sharks	<i>Isurus spp</i>	100.80
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	14.55
Oilfish	<i>Ruvettus pretiosus</i>	17.06
Opah	<i>Lampris guttatus</i>	15.54
Other fish Unclassified	N/A	25.00
Swordfish	<i>Xiphias gladius</i>	51.70
Yellowfin tuna	<i>Thunnus albacares</i>	39.22

Comments:

The main species of tuna were transferred to the carrier vessel were bigeye tuna, yellowfin tuna and albacore. The billfish species consisted of swordfish, striped marlin and Atlantic blue marlin. The main species that were declared by the LSPLV's as other fish (OTF) category were the oilfish (OIL), mako shark (MAK) with the fins strapped to the body, dolphinfish (DOL), Spanish mackerel (COM) and Opah (OPA). The species identified in table 5 as other fish unclassified it was the specie *Mola mola*. This one was transferred in bags of 25 kg (aprox.)

The main product types of tuna were processed as gilled and gutted except for albacore which was processed as round. The billfish species were either dressed or gilled and gutted. The swordfish were also either dressed or filleted. The species categorized as other fish were processed in different ways.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	14/02/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	13/02/2018
2			Y	15/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	14/02/2018
3			Y	20/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	19/02/2018
4			Y	20/02/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	10/02/2018
5			Y	21/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	17/02/2018
6			Y	22/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	21/02/2018
7			Y	23/02/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	22/02/2018
8			Y	24/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	23/02/2018
9			Y	25/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
10			Y	25/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	24/02/2018
11			Y	26/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
12			Y	26/02/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	25/02/2018
13			Y	27/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	26/02/2018
14			Y	28/02/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	25/02/2018
15			Y	01/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	26/02/2018
16			Y	01/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	25/02/2018
17			Y	02/03/2018	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	28/02/2018
18			Y	02/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	28/02/2018

No	Name	Flag	Boarded	Date	Markings correct		Authorisation to Fish / Tranship					VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
19			Y	03/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/03/2018
20			Y	03/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	02/03/2018
21			Y	04/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
22			Y	05/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
23			Y	05/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	04/03/2018
24			Y	06/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	05/03/2018
25			Y	06/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	05/03/2018
26			Y	07/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	06/03/2018
27			Y	08/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	06/03/2018
28			Y	08/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	07/03/2018
29			Y	09/03/2018	Y	Y	Y	Y	Y	31/03/2019	Y	Y	Y	Y	Y	PB	08/03/2018
30			Y	12/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	10/03/2018
31			Y	12/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	11/03/2018
32			Y	21/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	20/03/2018
33			Y	22/03/2018	Y	Y	Y	Y	Y	31/03/2020	Y	Y	Y	Y	Y	PB	21/03/2018
34			Y	24/03/2018	Y	Y	Y	Y	Y	31/03/2018	Y	Y	Y	Y	Y	PB	24/03/2018
35			Y	26/03/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	25/03/2018
36			Y	27/03/2018	Y	Y	Y	Y	Y	31/08/2022	Y	Y	Y	Y	Y	EL	26/03/2018
37			Y	29/03/2018	Y	Y	Y	Y	Y	31/07/2022	Y	Y	Y	Y	Y	EL	28/03/2018
38			Y	30/03/2018	Y	Y	Y	Y	Y	31/07/2018	Y	Y	Y	Y	Y	EL	29/03/2018
39			Y	01/04/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	01/04/2018
41			Y	02/04/2018	Y	Y	Y	Y	Y	07/07/2018	Y	Y	Y	Y	Y	PB	02/04/2018
42			Y	04/04/2018	Y	Y	Y	Y	Y	07/07/2018	Y	Y	Y	Y	Y	PB	04/04/2018
43			Y	05/04/2018	Y	Y	Y	Y	Y	31/12/2018	Y	Y	Y	Y	Y	PB	05/04/2018

No	Name	Flag	Boarded	Date	Markings correct		Authorisation to Fish / Tranship					VMS		Logbook				
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry	
44			Y	08/04/2018	Y	Y	Y	Y	Y	Y	14/07/2020	Y	Y	Y	Y	Y	PB	06/04/2018

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

Comments.

Table 9 **Comments on LSPLV checks**

No	Comments
1	The ICCAT transhipment declaration was changed later to rectify the weight declared initially by the captain of the LSPLV XXX
3	At the end of the transhipment 29 bags with approximate weight of 15 kg was transhipped. The bags contained TUNA bellies.
27	A PNC was reported for the XXX, the name on stern was recorded as Shang Hai. The stern marking is the vessels port of registration, so wasn't considered a PNC event by the consortium.
29	A PNC was reported for the XXX, the name on stern was recorded as Shang Hai. The stern marking is the vessels port of registration, so wasn't considered a PNC event by the consortium.
35	The ITT wasn't presented to the observer at the time of inspection, it was presented to the observer later during the transhipment.
43	Some missing ink on the bow (starboard), the other markings are all good and could be clearly read.

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

Table 10 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 3 Waste drums

The food waste and sewage were the only waste that was disposed at sea. All other waste sorted into different drums to be incinerated or disposed on shore.

9.2 Unidentified or IUU vessels

There were no unidentified or IUU vessels observed.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
12/03/2018	14:17	10°53'309 N	33°07'042 W	DDE	10	Surfing
16/04/2018	11:40	34°56'800S	23°00'600E	PAM	1	Rest
16/04/2018	11:40	34°56'800S	23°00'600E	Otariidae	20	Rest
17/04/2018	15:20	32°49'900S	16°02'000E	SFR	100	Feeding

10 Health and Safety on board the CV

All measures of health and safety were respected, no health and safety concerns.

11 Submitting Report to the Master

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

Yes	No
	X

Appendices

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		14/02/2018	8*12'665 N	28*20'835 W	Bait and Cargo	yes
		23/02/2018	5*22'448 N	29*40'321W	Cargo, Fuel and Other	yes
		10/03/2018	8*21'558 N	39*12'884 W	Fuel	yes
		25/03/2018	10*09'056 N	32*32'110 W	Bait,Cargo and fuel	yes
		25/03/2018	10*01'894 N	32*37"753 W	Bait and Cargo	yes
		3/04/2018	07*14.300S	019*12.5W	Bait and Cargo	
		3/04/2018	07*14.300S	019*12.5W	Bait, Bait and Cargo Cargo	

ICCAT

Observer Report



Trip Number:	212/18
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 14/01/2018 to: 25/03/2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and Capricorn Fisheries Monitoring CC, Peter Johann Beets (ROP no. 152) joined the Liberia registered Carrier Vessel (CV) Genta Maru (RFMO No AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 14/01/2018 to 13/03/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag state:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2400 t
Size (GRT):	3989 t	Length (LOA):	99.06 m
On-board acoustic equipment:	JRC JFE-680 Echo sounder Tokyo Keiki TD-310 Doppler log		
Position fixing equipment:	Tokyo Keiki AIS		
Vessel monitoring system (present/absent):	Present		
Radar:	Tokyo Keiki BR-3200-S312M Tokyo Keiki BR-3200-X26M		
Communications equipment:	JRC JSB-196GM Radiotelephone JRC NCM-1770 VHF Radiotelephone (x2) JRC FB250 Inmarsat JRC NCT-196N NBDP Modem JRC NDZ-127J Data terminal JRC Two-way VHF Radiotelephones (x3) JRC JSB-196GM Radiotelephone JRC NCR-333 Navtex receiver Taiyo SSB TH-4035 Long range radio		
Plotters:	JRC GPS Navigator (x2)		
Tuna products already on board (Quantity)	106,242 t		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	14/01/2018
Method of embarkation*	Portside
Date of departure	15/01/2018
Date of first transshipment	20/01/2018
Date of last transshipment	05/03/2018
Date when CV departed from ICCAT area.	13/03/2018 23:27
Date of return	25/03/2018
Date of disembarkation	25/03/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Port Louis, Mauritius

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV continued directly from the Atlantic Ocean to the Indian Ocean area without a port call and crossed the 20° E longitude on 13/03/2018. The observer disembarked in Port Louis, Mauritius, on 25/03/2018.

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

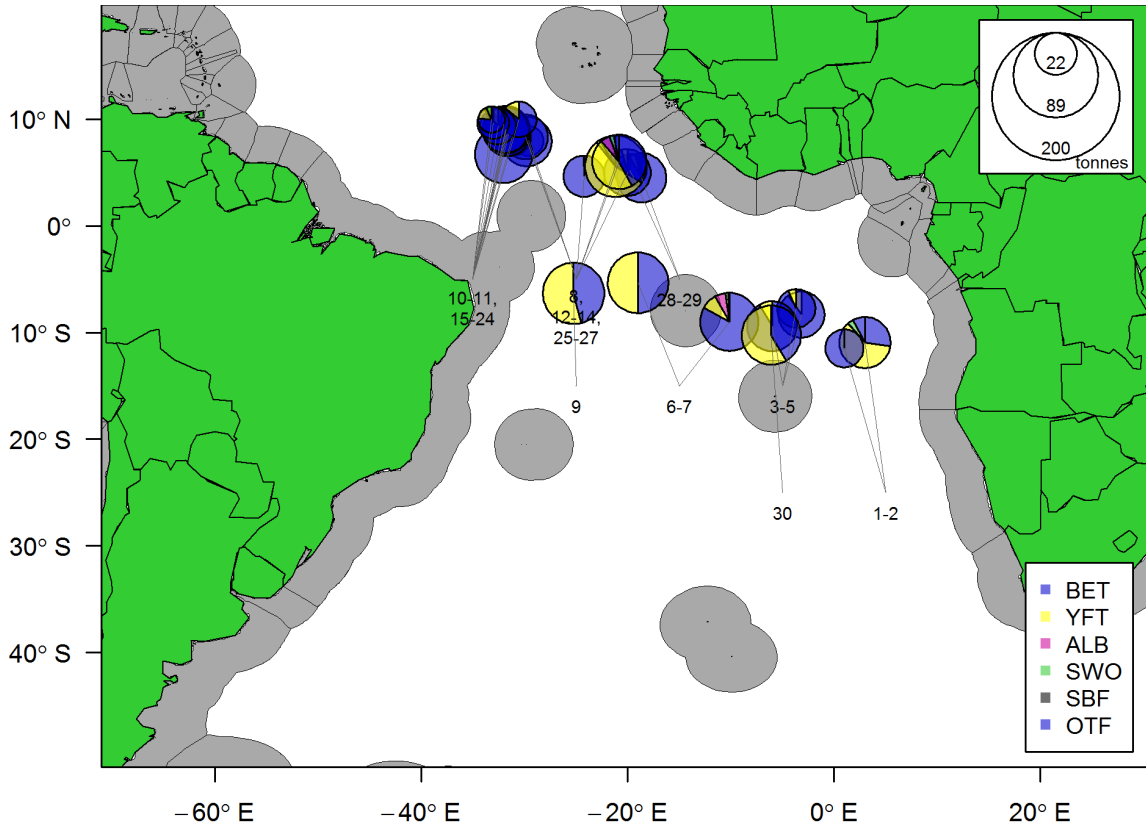


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	1
XXX	5
XXX	13
XXX	7
XXX	3
XXX	1

Comments:

In addition to the transshipments listed above, the CV transferred cargo to 9 LSTLVs and conducted in-port transshipments to 2 LSPLVs. The detail is shown in Table 9 in the Appendix.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Date	Latitude	Longitude	Tranship time	% Observed
1				20/01/18	10°55.803S	002°59.345E	01:10	100%
2				23/01/18	11°28.681S	001°00.042E	03:10	100%
3				26/01/18	08°18.698S	003°09.565W	02:32	100%
4				27/01/18	07°44.115S	003°40.116W	01:06	100%
5				28/01/18	09°24.116S	006°00.25W	03:40	100%
6				29/01/18	08°59.394S	010°09.027W	03:12	100%
7				31/01/18	05°20.323S	018°59.959W	02:28	100%
8				03/02/18	04°38.999N	024°13.173W	05:23	100%
9				04/02/18	06°19.319S	025°14.526W	04:31	100%
10				06/02/18	06°41.519N	032°01.974W	01:29	100%
11				07/02/18	08°18.924N	031°10.904W	01:28	100%
12				08/02/18	08°19.897N	029°53.265W	04:16	100%
13				09/02/18	07°57.327N	029°36.908W	01:15	100%
14				09/02/18	07°54.346N	029°45.069W	01:35	100%
15				10/02/18	08°33.117N	031°30.786W	02:41	100%
16				10/02/18	08°34.161N	031°47.151W	02:35	100%
17				11/02/18	08°36.242N	031°39.107W	02:19	100%
18				12/02/18	09°00.873N	031°46.606W	01:29	100%
19				12/02/18	08°59.226N	031°48.821W	02:14	100%
20				13/02/18	09°30.114N	032°01.596W	01:51	100%
21				14/02/18	09°19.584N	032°33.474W	00:50	100%
22				15/02/18	09°38.732N	033°01.661W	02:50	100%
23				16/02/18	09°58.081N	033°11.278W	01:59	100%
24				18/02/18	09°58.819N	030°32.57W	02:55	100%
25				24/02/18	05°34.613N	021°09.581W	04:51	100%
26				25/02/18	06°00.284N	020°48.551W	04:40	100%
27				26/02/18	04°59.054N	020°01.839W	04:47	100%
28				28/02/18	05°11.302N	019°44.859W	04:00	100%
29				01/03/18	04°30.36N	018°39.202W	03:32	100%
30				05/03/18	10°14.35S	006°05.237W	02:06	100%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	25.612	0	0.225	0.316	0.316	25.125	0.84	25.441	26.993	1.55	5.75%
2	0	56.567	0	2.479	1.008	1.071	53.886	1.538	54.894	61.75	6.86	11.10%
3	0	42.938	0	0.052	0	0	44.448	0	44.448	42.99	-1.46	-3.39%
4	0	22.528	0	0.296	0	0	23.161	0	23.161	22.824	-0.34	-1.48%
5	0	61.89	0	0.06	0	0	61.588	0	61.588	61.95	0.36	0.58%
6	0	53	0	2.23	0	0	56.476	0	56.476	55.23	-1.25	-2.26%
7	0	49.953	0	0.649	0	0	51.016	0	51.016	50.602	-0.41	-0.82%
8	0	32.487	0	53.19	1.306	1.698	81.35	8.54	82.656	96.094	13.44	13.98%
9	0	31.721	0	34.556	1.721	2.033	66.002	2.479	67.723	74.695	6.97	9.33%
10	0	32.054	0	2.53	0	0	32.827	0	32.827	34.584	1.76	5.08%
11	0	22.794	0	4.728	0	0	27.568	0	27.568	27.522	-0.05	-0.17%
12	0	77.802	0	5.225	0	0	82.235	0	82.235	83.027	0.79	0.95%
13	0	24.3	0	4.2	0	0	29.356	0	29.356	28.5	-0.86	-3.00%
14	0	27.466	0	6.358	0	0	33.726	0	33.726	33.824	0.10	0.29%
15	0	46.492	0	3.472	0	0	49.799	0	49.799	49.964	0.16	0.33%
16	0	52.5	0	4.3	0	0	55.345	0	55.345	56.8	1.46	2.56%
17	0	47.754	0	5.218	0	0	57.471	0	57.471	52.972	-4.50	-8.49%
18	0	27.654	0	4.496	0	0	31.481	0	31.481	32.15	0.67	2.08%
19	0	28.93	0	3.955	0	0	32.801	0	32.801	32.885	0.08	0.26%
20	0	23.497	0	2.332	0	0	25.867	0	25.867	25.829	-0.04	-0.15%
21	0	13.536	0	2.982	1.337	1.258	16.406	0	17.743	17.776	0.03	0.19%
22	0	48.5	0	5.397	0	0	54.037	0	54.037	53.897	-0.14	-0.26%
23	0	34.824	0	2.532	0	0	38.386	0	38.386	37.356	-1.03	-2.76%
24	0	58.071	0	5.412	0	0	63.231	0	63.231	63.483	0.25	0.40%
25	0	71.4	0	7.553	1.322	1.385	83.954	0.468	85.276	85.9	0.62	0.73%
26	0	46.809	0	46.507	0	0	84.97	0	84.97	93.316	8.35	8.94%
27	0	43.92	0	51.641	0	0	88.729	0	88.729	95.561	6.83	7.15%
28	0	37.067	0	51.864	0	0	84.226	0	84.226	88.931	4.71	5.29%
29	0	18.063	0	40.456	2.916	2.38	63.001	5.205	65.917	66.213	0.30	0.45%
30	35.738	36.838	0	0	0	0	0	0	35.738	36.838	1.10	2.99%

Comments:

Transshipment 2; The strings toward the end of transshipment number two were significantly larger and more mixed than at the start of the transshipment. It was significantly harder to estimate these strings and this may have accounted for the difference between reported volumes and observer estimates exceeding the 10% threshold.

Transshipment 8; The strings were very mixed and bundled throughout transshipment number eight. This may have contributed to the observer's estimate exceeding a 10% difference from the reported tonnage.

6 Species and weight transferred

The CV contained 106.242 tonnes of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	9.38	0.59%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	8.58	0.56%	8.82	0.55%
Bigeye tuna	<i>Thunnus obesus</i>	All	35.74	2.31%	1196.97	75.26%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.13	0.01%	0.25	0.02%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	6.63	0.43%	7.29	0.46%
Opah	<i>Lampris guttatus</i>	All	0.40	0.03%	0.65	0.04%
Other fish	N/A	All	0.90	0.06%	0.90	0.06%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.00	0.00%	0.06	0.00%
Swordfish	<i>Xiphias gladius</i>	All	8.59	0.56%	8.88	0.56%
Swordfish	<i>Xiphias gladius</i>	S	1.34	0.09%	1.26	0.08%
True tunas nei	<i>Thunnus spp</i>	All	1481.28	95.93%	0.00	0.00%
Wahoo	<i>Acanthocybium solandri</i>	All	0.55	0.04%	1.10	0.07%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	354.90	22.31%

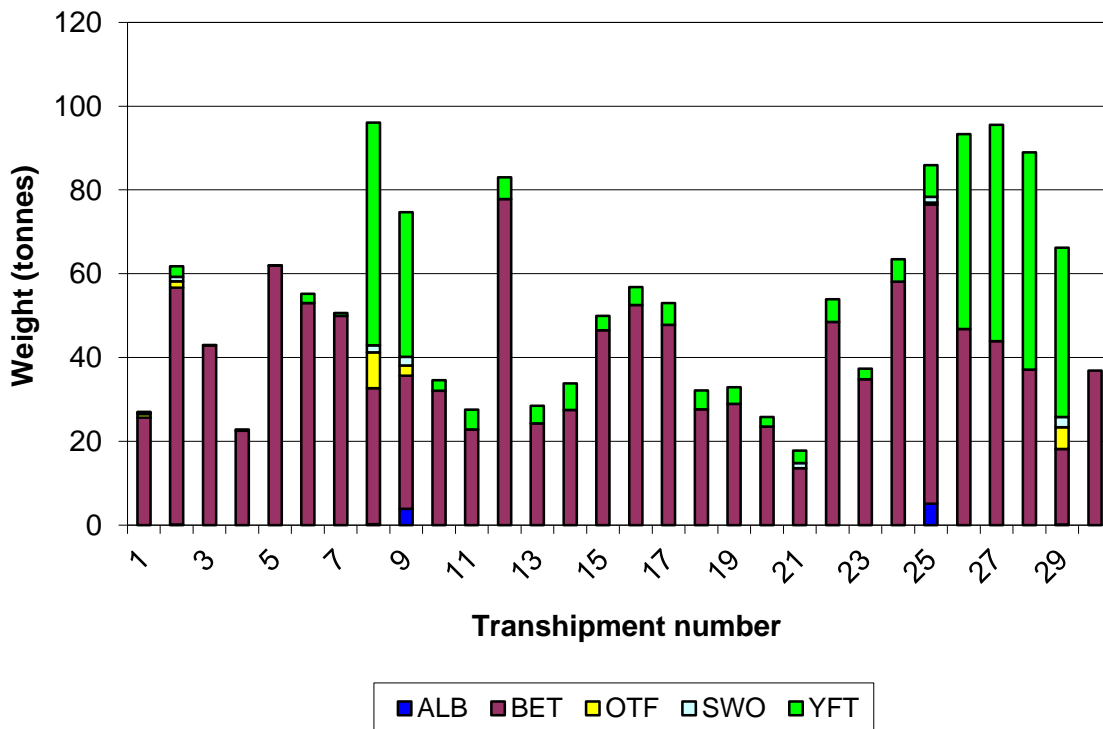


Figure 2 Proportions by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Atlantic blue marlin	<i>Makaira nigricans</i>	91.22
Dolphinfish	<i>Coryphaena hippurus</i>	5.65
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	17.08
Opah	<i>Lampris guttatus</i>	11.17
Other fish Unclassified	N/A	23.66
Swordfish	<i>Xiphias gladius</i>	51.70
True tunas nei	<i>Thunnus spp</i>	46.48
Wahoo	<i>Acanthocybium solandri</i>	8.01

Comments:

The most dominant species transhipped was bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*), comprising more than 97% of fish transhipped. Due to the mixed and often bundled nature of strings throughout the voyage, true tuna species were treated as one group and recorded as mixed tuna for the observer's estimations.

7 Southern bluefin tuna transhipments

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

8 LSPLV Checks

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

Table 6 Summary of boarding reports from LSPLVs.

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

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

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

Comments.

The ATF for **XXX** (transhipment 22) did not specify in which area the vessel was authorised to fish. The ATF was merely accompanied by a letter from the XXX government which stated that the vessel was given an extension to continue fishing until the end of March 2018. This extension was granted in order for the vessel to finalise application for a new ATF.

Table 7 **Comments on LSPLV checks**

No	Comments
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22	<p>The ATF presented to the observer did not specify an expiry date. However, the ATF was accompanied by a letter from the XXX government which stated that the vessel was granted an extension to fish until 31/03/2018 while applying for a new ATF. This date was chosen as the expiration date for the purpose of this inspection.</p> <p>The ATF did not clearly state whether the ATF authorised the vessel to fish on the high seas. The area of operation was indicated as "25/30/50". The observer was not familiar with this method of identifying a geographical area.</p> <p>Figure 3 ATF (Left) and associated letter (Right) presented by the LSPLV XXX</p>
25	<p>The printed but unbound logbook was only completed up to 20/02/2018. The captain explained that the LSPLV experienced problems with the freezers due to a burst freon pipe and had not been fishing since the last entry was made.</p> <p>Figure 4 Logbook completed by the XXX</p>

The observer completed two (2) Potential Non Compliance (PNC) reports as summarised below in Table.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			01	LND	-	-
2			02	LND	-	-

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel has a well-developed waste management system in place. Waste is categorized as either plastic, paper, cans or kitchen waste and clearly labelled designated waste containers are provided where necessary. Biodegradable kitchen waste was dumped overboard on the high seas as the designated containers in the galley were filled.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were observed during this deployment.

9.3 Marine mammals.

No marine mammals were observed during this deployment.

10 Submitting Report to the Master

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

Yes	No
X	

Table 9 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		21/01/18	09°56.971'S	01°00.477'E	General cargo, bait	Yes
		21/01/18	09°55.695'S	01°00.617'E	Bait, general cargo, fishing gear	Yes
		22/01/18	08°27.902'S	00°31.881'E	General cargo	Yes
		22/01/18	08°27.440'S	00°32.331'E	Fuel and general cargo	Yes
		24/01/18	10°28.61'S	01°29.790'E	Fuel and general cargo	Yes
		02/02/18	04°17.329'N	21°46.020'W	General cargo and bait	Yes
		17/02/18	10°00.586'N	32°02.464'W	General cargo	Yes
		21/02/18	16°53.362'N	25°00.469'W	In-port transhipment of tuna and tuna-like species to CV.	Yes
		21/02/18	16°53.353'N	25°00.466'W	In-port transhipment of tuna and tuna-like species to CV.	Yes
		24/02/18	06°32.627'N	20°12.848'W	General cargo	Yes
		27/02/18	04°59.159'N	20°02.490'W	Fuel	Yes

ICCAT

Observer Report



Trip Number:	213-18
Vessel Name:	LADY TUNA
ICCAT Ref. No.	AT000PAN00199
Observer Name:	Jonathan Newton
Cruise Dates:	22/02/2018 to 26/05/2018

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and Capricorn Fisheries Monitoring Company, Jonathan Newton (ICCAT No.13) joined the Panama registered Carrier Vessel (CV) LADY TUNA (AT000PAN00199) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean in Cape Town from 22/02/2018 to 26/05/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	LADY TUNA	Call sign:	3EQX2
Port of registration:	Panama	Flag State:	Panama
Owner:	Wang Tat Corporation	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	5216 M ³
Size (GRT):	4538t	Length (LOA):	120.75m
On-board acoustic equipment:	Furuno FE-700		
Position fixing equipment:	GPS Navigator GP150.		
Vessel monitoring system (present/absent):	Present		
Radar:	RCN-004 x2		
Communications equipment:	FURUNO VHF RC8800 x2, Radio telephone FURUNO FS1570T SSB. IMMARSAT, FURUNO RC 18001 radio console.		
Plotters:	None		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	22/02/2018
Method of embarkation*	Portside
Date of departure	22/02/2018
Date of first transshipment	02/03/2018
Date of last transshipment	22/04/2018
Date of return	26/05/2018
Date of disembarkation	26/05/2018
Method of disembarkation*	Transfer vessel in port.
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel completed a total of 47 transhipments receiving 2471.182 tons of tuna and related species. The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

The CV arrived at the port of Mindelo, Sao Vicente on 15/04/2018 at 11:00 for bunkers and supplies and departed on the 15/04/2018 at 19:00.

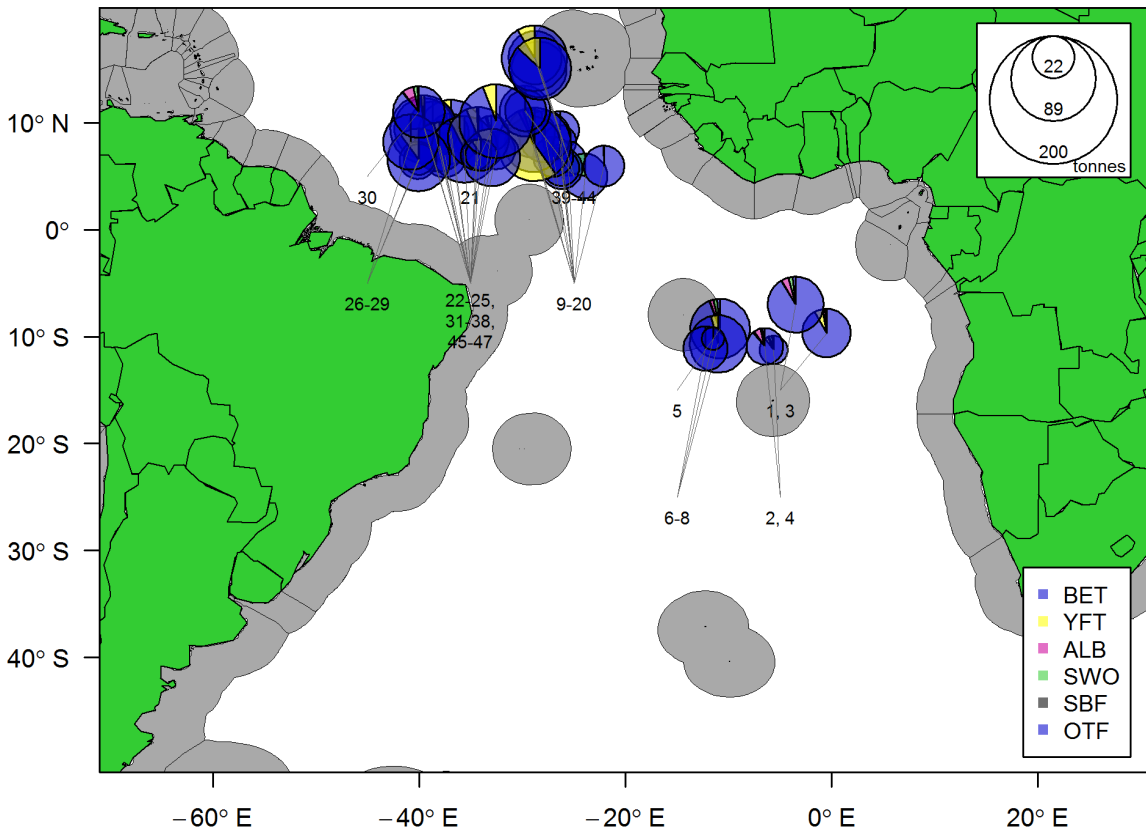


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	11
XXX	24
XXX	1
XXX	8
XXX	2
XXX	1

Comments: In addition to the transhipments listed above, the CV also provided 10 LSPLVs with supplies only without transhipping fish. The details of these cargo transhipments are provided in Table 10 in the appendices.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Observed
1				Yes	02/03/18	09°39.319S	000°31.032W	01:17	100.00%
2				Yes	03/03/18	11°14.193S	005°38.805W	01:15	100.00%
3				Yes	04/03/18	07°00.175S	003°30.73W	00:55	100.00%
4				Yes	05/03/18	10°54.693S	006°29.582W	01:20	100.00%
5				Yes	06/03/18	09°15.54S	010°50.075W	01:15	100.00%
6				Yes	07/03/18	10°40.033S	010°59.602W	02:05	100.00%
7				Yes	08/03/18	11°06.554S	012°14.928W	01:35	100.00%
8				Yes	09/03/18	10°10.368S	011°31.047W	01:40	100.00%
9				Yes	14/03/18	09°19.155N	026°19.741W	02:45	100.00%
10				Yes	14/03/18	08°14.229N	026°22.247W	02:10	100.00%
11				Yes	15/03/18	06°39.53N	025°35.361W	03:20	100.00%
12				Yes	16/03/18	05°01.095N	023°54.958W	05:30	100.00%
13				Yes	17/03/18	05°56.808N	022°05.595W	04:15	100.00%
14				Yes	19/03/18	05°44.22N	026°10.979W	01:45	100.00%
15				Yes	19/03/18	05°46.161N	026°12.96W	01:35	100.00%
16				Yes	20/03/18	06°48.373N	027°00.268W	01:55	100.00%
17				Yes	21/03/18	09°00.879N	029°09.596W	02:05	100.00%
18				Yes	22/03/18	08°42.235N	027°49.032W	03:10	100.00%
19				Yes	23/03/18	07°58.971N	029°00.208W	03:00	100.00%
20				Yes	24/03/18	07°59.132N	028°50.708W	04:40	100.00%
21				Yes	25/03/18	10°08.15N	032°33.24W	02:15	100.00%
22				Yes	28/03/18	09°09.537N	036°55.632W	03:00	100.00%
23				Yes	28/03/18	09°03.712N	037°03.101W	05:55	100.00%
24				Yes	30/03/18	07°24.599N	032°30.315W	05:15	100.00%
25				Yes	01/04/18	06°57.956N	037°31.016W	04:35	100.00%
26				Yes	02/04/18	06°34.416N	040°00.487W	00:35	100.00%
27				Yes	02/04/18	06°31.478N	040°03.435W	00:50	100.00%
28				Yes	02/04/18	06°28.78N	040°07.066W	02:35	100.00%
29				Yes	03/04/18	08°11.596N	040°49.051W	01:35	100.00%
30				Yes	04/04/18	10°59.907N	040°01.702W	05:50	100.00%
31				Yes	05/04/18	09°48.186N	038°42.397W	04:05	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Time	% Observed
32				Yes	06/04/18	09°28.605N	039°29.332W	03:00	100.00%
33				Yes	06/04/18	09°23.688N	039°32.894W	02:00	100.00%
34				Yes	07/04/18	07°50.089N	038°00.18W	02:55	100.00%
35				Yes	07/04/18	07°44.553N	038°04.11W	03:20	100.00%
36				Yes	08/04/18	07°30.296N	035°37.036W	05:40	100.00%
37				Yes	09/04/18	08°35.231N	034°15.834W	06:00	100.00%
38				Yes	10/04/18	09°00.142N	033°00.203W	05:30	100.00%
39				Yes	11/04/18	11°08.016N	029°40.768W	04:00	100.00%
40				Yes	11/04/18	11°05.091N	029°44.916W	03:45	100.00%
41				Yes	13/04/18	16°04.774N	028°45.752W	04:00	100.00%
42				Yes	13/04/18	16°01.72N	028°50.07W	04:00	100.00%
43				Yes	14/04/18	15°03.065N	028°16.977W	01:00	100.00%
44				Yes	14/04/18	14°59.265N	028°24.24W	01:25	100.00%
45				Yes	20/04/18	06°59.26N	034°00.237W	02:35	100.00%
46				Yes	21/04/18	06°44.905N	032°59.73W	03:45	100.00%
47				Yes	22/04/18	06°59.846N	034°30.342W	01:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	29.601	30	0.046	0.046	0	0	0	0	29.647	30.046	0.40	1.33%
2	22.801	23	0	0	0	0	0	0	22.801	23	0.20	0.87%
3	17.408	18.07	0.42	0.42	6.208	6.47	0	0	24.036	24.96	0.92	3.70%
4	32.832	33.082	0	0	9.82	9.085	0	0	42.652	42.167	-0.48	-1.15%
5	36.113	35	0.1	0.1	0	0	0	0	36.213	35.1	-1.11	-3.17%
6	35.789	36.015	0.308	0.246	0	0	0	0	36.097	36.261	0.16	0.45%
7	26.391	26.818	0.232	0.206	0	0	0	0	26.623	27.024	0.40	1.48%
8	32.835	33.1	0.625	0.5	0	0	0	0	33.46	33.6	0.14	0.42%
9	45.843	45.89	2.531	2.78	0	0	0	0	48.374	48.67	0.30	0.61%
10	54.151	54.412	1.192	1.296	0	0	0	0	55.343	55.708	0.36	0.66%
11	62.715	62.2	2.75	2.95	0	0	0	0	65.465	65.15	-0.31	-0.48%
12	44.363	45.837	57.961	60.188	1.559	2.268	5.039	6.015	108.922	114.308	5.39	4.71%
13	38.472	38.614	49.676	48.115	0	0	0	0	88.148	86.729	-1.42	-1.64%
14	30.986	30.217	0.803	0.956	0	0	0	0	31.789	31.173	-0.62	-1.98%
15	28.68	29.091	0.449	0.571	0	0	0	0	29.129	29.662	0.53	1.80%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
16	37.447	36.406	1.378	1.968	2.908	2.69	0	0	41.733	41.064	-0.67	-1.63%
17	51.994	37	0.505	18	0	0	0	0	52.499	55	2.50	4.55%
18	44.428	45	0	0	0	0	0	0	44.428	45	0.57	1.27%
19	75.863	75.128	1.747	1.89	0	0	0	0	77.61	77.018	-0.59	-0.77%
20	93.69	94.62	1.275	1.353	0	0	0	0	94.965	95.973	1.01	1.05%
21	23.393	24.34	0.705	0.542	0.992	0.992	0	0	25.09	25.874	0.78	3.03%
22	48.773	50	1.705	1.8	0	0	0	0	50.478	51.8	1.32	2.55%
23	82.544	86	9.04	7	0	0	0	0	91.584	93	1.42	1.52%
24	73.241	74.775	3.786	4.317	0.83	0.83	0	0	77.857	79.922	2.07	2.58%
25	62.348	64	5.558	5.5	0	0	0	0	67.906	69.5	1.59	2.29%
26	17.401	17.318	1.803	2.219	0	0	0	0	19.204	19.537	0.33	1.70%
27	19.504	19.103	2.139	1.983	0	0	0	0	21.643	21.086	-0.56	-2.64%
28	27.877	26.8	2.375	2.375	0	0	0	0	30.252	29.175	-1.08	-3.69%
29	20.969	20	0	0	0	0	0	0	20.969	20	-0.97	-4.85%
30	76.706	74.165	7.502	8.258	0	0	0	0	84.208	82.423	-1.79	-2.17%
31	62.362	64.455	0	0	0	0	0	0	62.362	64.455	2.09	3.25%
32	53.116	54.262	0	0	0	0	0	0	53.116	54.262	1.15	2.11%
33	37.501	36.221	0	0	0	0	0	0	37.501	36.221	-1.28	-3.53%
34	65.454	65.3	0	0	0	0	0	0	65.454	65.3	-0.15	-0.24%
35	58.821	59.96	0	0	0	0	0	0	58.821	59.96	1.14	1.90%
36	85.977	82.741	6.037	7.817	0	0	0	0	92.014	90.558	-1.46	-1.61%
37	75.1	70.655	6.988	10.741	0	0	0	0	82.088	81.396	-0.69	-0.85%
38	111.146	108.2	5.078	6.681	0	0	0	0	116.224	114.881	-1.34	-1.17%
39	50.985	49.952	0.31	0.258	2.6046	1.379	4.117	4.599	58.0166	56.188	-1.83	-3.25%
40	45.438	45.558	2.605	2.562	0.16	0.16	1.355	1.245	49.558	49.525	-0.03	-0.07%
41	59.222	60.41	0.092	0.115	1.2727	1.562	4.597	4.043	65.1837	66.13	0.95	1.43%
42	70.046	70.459	0.292	0.313	1.01664	1.398	2.603	2.857	73.95764	75.027	1.07	1.43%
43	14.974	15.177	0.497	0.528	0.563	0.643	0.458	0.563	16.492	16.911	0.42	2.48%
44	25.277	25.189	0.394	0.427	0.443	0.443	2.062	2.294	28.176	28.353	0.18	0.62%
45	66.432	66.816	2.99	2.944	0	0	0	0	69.422	69.76	0.34	0.48%
46	41.209	41.5	0	0.065	0	0	0	0	41.209	41.565	0.36	0.86%
47	10.789	10.76	0	0	0	0	0	0	10.789	10.76	-0.03	-0.27%

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	12.61	0.51%	13.96	0.56%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	4.89	0.20%	6.27	0.25%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.63	0.03%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	2229.01	90.63%	2213.62	89.58%
Other fish		All	2.06	0.08%	1.38	0.06%
Striped marlin	<i>Tetrapturus audax</i>	All	0.05	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	4.49	0.18%	2.27	0.09%
Swordfish	<i>Xiphias gladius</i>	N	7.86	0.32%	8.53	0.35%
Swordfish	<i>Xiphias gladius</i>	S	16.03	0.65%	17.12	0.69%
Yellowfin tuna	<i>Thunnus albacares</i>	All	181.89	7.40%	208.03	8.42%

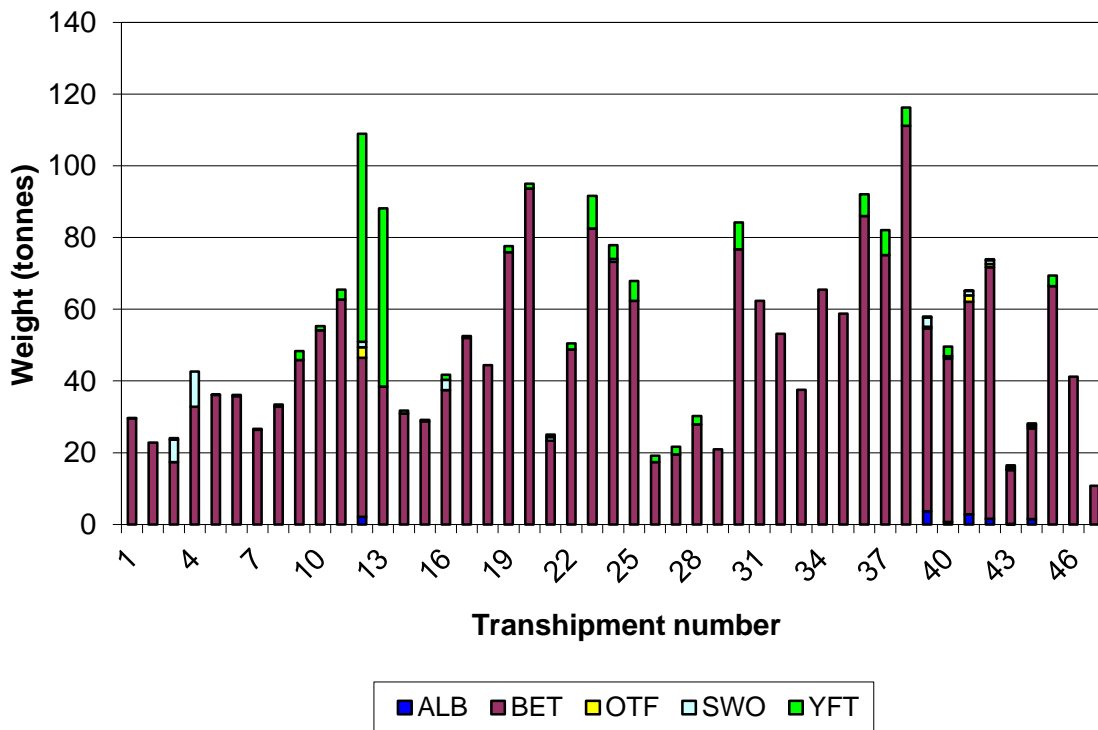


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	20.90
Atlantic blue marlin	<i>Makaira nigricans</i>	93.49
Bigeye tuna	<i>Thunnus obesus</i>	45.30
Other fish Unclassified		20.20
Striped marlin	<i>Tetrapturus audax</i>	50.00
Swordfish	<i>Xiphias gladius</i>	57.56
Yellowfin tuna	<i>Thunnus albacares</i>	44.27

Comments:

The main species transferred to the CV were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), swordfish (*Xiphias gladius*) atlantic blue marlin (*Makaira nigricans*) and striped marlin (*Tetrapturus audax*). All these species transhipped with the exception of the atlantic blue marlin and swordfish were gilled and gutted (GG) this product is used when gills and guts are removed.

The marlins and swordfish were dressed (DR) and this method is when head and guts are removed.

The observer used the weights and numbers for each species provided by the LSPLV to calculate an estimated average weight for each species. The fish were transferred in strings containing about 10-30 fish per string. The CV did not make use of a crane scale.

7 Southern bluefin tuna transhipments.

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

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

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

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

Comments.

***EL** – Electronic, **PB** – Printed and Bound, **PU** – Printed and Unbound, **UB** – Unprinted and Bound, **UU** – Unprinted and Unbound
Registration number as “Unk” – Unknown, as markings not displayed.

Table 7 Comments on LSPLV checks

No	Comments
4	<p>The ATF licence number T1112 was recorded in the logbook. This did not match the licence number T1092 reflected by the ATF shown to the observer.</p> <p>Figure 3 ATF and logsheet of the xxx</p>
7	<p>The International Radio Call Sign (IRCS) "BIW4P" was used to complete the logbook. This did not concur with the IRCS "BZW4P" displayed by the LSPLV and provided by the ICCAT vessel.</p> <p>Figure 4 Logbook of the XXX</p>
21	<p>The ATF presented during the boarding was not in date and expired on 31/12/2017. An in-date ATF in the older format was faxed to the CV.</p> <p>Figure 5 ATFs of the XXX. The out of date ATF (left) and in date ATF (right) in the old format.</p>
26	<p>The Power light of the ARGOS MARGE V2 VMS system was not illuminated. A PNC was issued and a copy provided to the master of the LSPLV.</p> <p>Figure 6. VMS system of the XXX</p>
27	<p>The LSPLV officers could not point out the VMS unit and the observer could not find a unit in the indoor area of the wheelhouse. The observer did note antennae for an Argos MAR V2, a Sailor Fleetbroadband and a BEAM Oceana 800. Whether these antennae were used as VMS units could not be verified. A PNC for no VMS was issued and a copy give to the captain.</p>
31	<p>The observer could not find a VMS unit within the wheelhouse of the XXX. Although the observer noted two Pole Star MAT – IDP690 antennae above the bridge, the captain could not point out the indoor units or the power supplies associated to these antennae. The observer issued a PNC and provided the master of the LSPLV with a copy.</p>

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

Table8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
21			1	AID		
26			2	VNL		
27			3	VNP		
31			4	VNP		

9 Other Observer Tasks.

9.1 CV waste disposal

The CV had a waste disposal plan in place and with the exception of galley waste, all waste was stored on board. The CV had designated bins for specific types of waste.



Figure 7. Waste disposal bins on board the CV.

On 08/03/2018 at 18H46, the observer noted an oil spill which was caused by the CV which was drifting at the time. The cause was not clear but had to be from the CV as not vessels were close at the time.



Figure 8. Oil spill

9.2 Unidentified or IUU vessels.

No unidentified or IUU vessels were observed.

Table9 Marine mammal sightings

Date	Time	Lat	Lon	Species	No.	Behaviour
26/02/18	10:25	22 45.668S	13 14.939E	Dolphins Unidentified	60+	Travelling
17/03/18	11:00	05 56.808N	22 05.515W	Dolphins Unidentified	5	Swimming W
04/04/18	17:00	08 40.888N	40 43.103W	Dolphins Unidentified	20+	Travelling
18/04/18	13:00	07 12.771N	29 52.305W	Dolphins Unidentified	4	Travelling
02/05/18	14:00	23 30.830S	01 56.414E	Dolphins Unidentified	15	Travelling N
02/05/18	14:00	23 30.830S	01 56.414E	Sei whale (<i>Balaenoptera borealis</i>)	1	Swimming
04/05/18	14:20	29 38.604S	10 20.330E	Sei whale (<i>Balaenoptera borealis</i>)	2	Swimming
05/05/18	14:30	32 38.548S	14 52.986E	Unknown whale	2	Swimming N

10 Submitting Report to the Master

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

Yes	No
X	

Appendix

Table 10 Non ROP Transhipments.

Vessel	RFMO Number	Date	Lat	Lon	Comments
		06/03/18	09 15.540S	10 50.075W	Frozen foods, Boxes general supplies
		07/03/18	10 40.033S	10 59.602W	Frozen foods, Boxes general supplies
		17/03/18	05 56.808N	22 05.595W	Bunkers
		20/03/18	06 48.373N	27 00.268W	Supplies
		26/03/18	12 55.569N	31 03.453W	Bunkers, Supplies
		30/03/18	07 24.599N	32 30.315W	Bait, supplies.
		01/04/18	06 37.956N	37 31.016W	Bait, supplies.
		04/03/18	10 59.907N	40 01.702W	Bait, supplies.
		05/04/18	09 48.186N	38 42.397W	Bait, supplies.
		18/04/18	07 11.345N	26 15.191W	Bait, supplies.

ICCAT

Observer Report



Trip Number:	214
Vessel Name:	Shota Maru
ICCAT Ref. No.	AT000LBR00022
Observer Name:	Javier Vivó Guevara
Cruise Dates:	From: 12/03/2018 To: 23/04/2018

1 Cruise Summary

In accordance with the bilateral agreement between PANAMA TRL S.A. and MRAG LTD., Javier Vivó Guevara (ROP No. 154) joined the Liberia registered Carrier Vessel (CV) Shota Maru (RFMO No. AT000LBR00022) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 12/03/2018 to 23/04/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Shota Maru	Call sign:	D5KN7
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4845,8 m ³
Size (GRT):	3936	Length (LOA):	100,98 metres
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	909 tons		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/03/2018
Method of embarkation*	Portside
Date of departure	15/03/2018
Date of first transshipment	20/03/2018
Date of last transshipment	12/04/2018
Date of return	23/04/2018
Date of disembarkation	23/04/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Balboa

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 23 transshipments at sea, the locations are shown in detail in

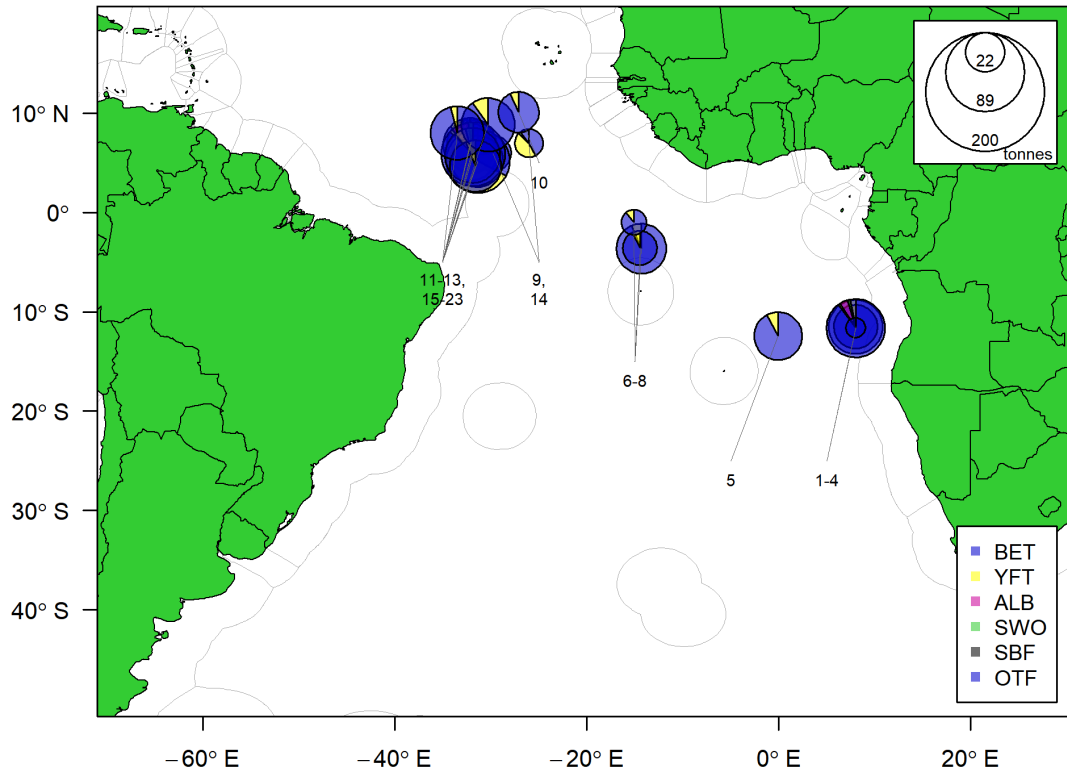


Figure 1, the numbers received by nationality of vessel are given in Table 1.

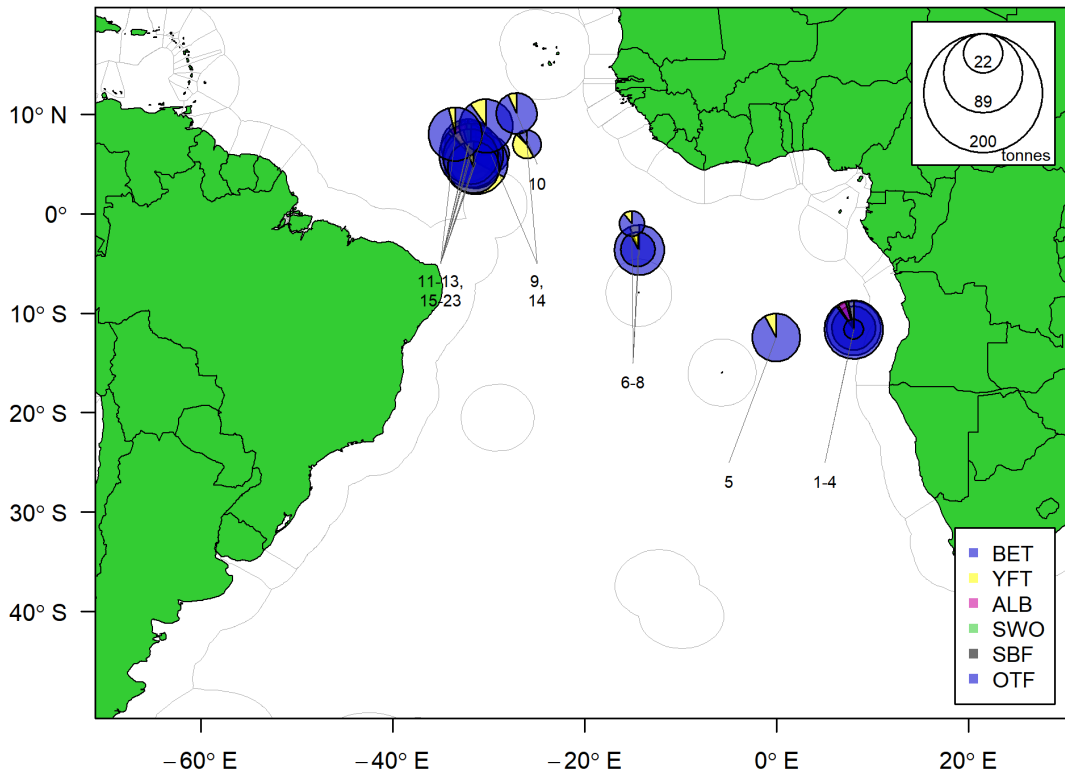


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	11
XXX	10
XXX	1

Comments:

8 NO ROP transhipments were performed along the monitoring period (see Table 12 for further details).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments

No	Name	RFMO No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	20/03/2018	11°30.29'S	8°00.01'E	1:30	100
2				Yes	20/03/2018	11°29.60'S	8°00.19'E	1:45	100
3				Yes	21/03/2018	11°38.52'S	8°00.34'E	3:20	100
4				Yes	21/03/2018	11°35.75'S	7°59.85 E	3:32	100
5				Yes	23/03/2018	12°26.46'S	0°04.36'W	2:20	100
6				Yes	27/03/2018	3°38.40'S	14°18.85'W	2:26	100
7				Yes	27/03/2018	3°34.42'S	14°28.43'W	3:11	100
8				Yes	28/03/2018	0°59.25'S	15°05.16'W	5:52	100
9				Yes	31/03/2018	6°58.66'N	26°01.58'W	2:52	100
10				Yes	02/04/2018	10°05.30'N	27°05.94'W	5:44	100
11				Yes	04/04/2018	6°55.59'N	32°04.58'W	4:58	100
12				Yes	04/04/2018	6°49.53'N	32°10.80'W	3:39	100
13				Yes	05/04/2018	7°03.90'N	32°05.39'W	3:59	100
14				Yes	06/04/2018	5°56.48'N	29°45.67'W	3:47	100
15				Yes	07/04/2018	5°48.65'N	32°00.76'W	1:35	100
16				Yes	07/04/2018	5°45.84'N	32°04.22'W	2:45	100
17				Yes	08/04/2018	5°09.84'N	31°21.20'W	1:41	100
18				Yes	08/04/2018	5°08.62'N	31°23.21'W	0:55	100
19				Yes	09/04/2018	5°52.01'N	31°50.64'W	3:20	100
20				Yes	09/04/2018	5°44.47'N	31°55.12'W	3:51	100
21				Yes	10/04/2018	4°40.39'N	31°36.01'W	2:38	100
22				Yes	11/04/2018	8°49.08'N	30°17.14'W	5:16	100
23				Yes	12/04/2018	7°59.61'N	33°30.16'W	1:39	100

Comments: The observer was able to monitor all the transhipments during the deployment period.

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	8,327	8,891	1,162	9,335	395	553	1,948	2,245	2,832	21,024	190	0.91
2	21,529	22,906	9,410	1,095	183	245	820	807	31,942	34,053	2,110	6.20
3	48,741	53,593	7,150	4,260	527	515	1,382	1,382	57,800	59,750	1,950	3.26
4	59,437	64,641	7,376	5,834	641	515	3,623	3,481	71,077	74,471	3,390	4.56
5	12,226	14,179	19,603	2,334	1,386	1,577	2,024	1,809	35,239	37,899	2,660	7.02
6	11,617	12,424	2,455	21,473	1,667	1,617	1,537	1,531	35,276	37,045	1,770	4.78
7	16,220	15,702	43,517	49,340	910	1,044	2,015	1,515	62,662	67,601	4,940	7.31
8	31,638	34,362	59,978	64,701	4,406	2,667	3,135	4,071	99,157	105,801	6,640	6.28
9	65,500	62,615	3,960	4,254	2,178	2,330	0	0	71,638	69,199	-2,440	-3.52
10	99,356	93,490	1,753	1,673	5,199	2,730	7,8	9,319	114,108	107,212	-6,900	-6.43
11	64,575	7,696	5,360	5,360	2,795	3,233	0	0	72,73	79,289	6,560	8.27
12	64,137	65,59	4,520	4,147	0	0	0	0	68,657	69,737	1,080	1.55
13	66,298	67,929	4,757	7,250	0	0	0	0	71,055	75,179	4,120	5.49
14	67,603	72,000	3,428	3,000	0	0	0	0	71,031	75,000	3,970	5.29
15	4,558	4,159	3,178	3,092	0	0	0	0	43,736	43,251	-480	-1.12
16	61,673	61,283	3,182	4,219	0	0	0	0	64,855	65,502	650	0.99
17	28,627	28,395	1,715	2,243	0	0	0	0	3,342	3,638	300	0.97
18	15,086	14,829	1,145	1,787	0	0	0	0	16,231	16,616	380	2.32
19	57,955	55,639	4,911	4,689	0	0	0	0	62,866	6,328	-2,540	-4.21
20	78,895	73,547	3,181	2,885	0	0	0	0	82,076	76,432	-5,640	-7.38
21	49,106	48,000	2,042	2,000	0	0	0	0	51,148	50,000	-1,150	-2.30
22	86,819	8,498	1,441	991	2,584	1,566	5,839	6,478	96,683	89,533	-7,150	-7.99
23	11,858	10,000	0	0	0	0	0	0	11,858	10,000	-1,860	-18.58

Comments:

Transhipments from XXX LSPLVs were of mixed species (as follows in order of quantity): bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), swordfish (*Xiphias gladius*), atlantic blue marlin (*Makaira nigricans*), albacore (*Thunnus alalunga*), Indo-Pacific sailfish (*Istiophorus platypterus*), Wahoo (*Acanthocybium solandri*), Opah (*Lampris guttatus*), Narrow-barred Spanish

mackerel (*Scomberomorus commerson*), Striped marlin (*Tetrapturus audax*) and tuna products. (see table 3 and table 4 for further details)

Transhipments from XXX, XXX and XXX LSPLVs were (in order of quantity): *T. obesus*, *T. albacares* and *X. gladius*.

Swordfish (*X. gladius*) from both North and South stocks were transhipped. The LSPLVs and carrier vessel declared the stock.

In transhipment 23 the difference between observations and vessel's declared amount is more than 10%. However, the observer is confident in his own estimates as the transhipment was carried out very slowly. The estimated total amount of fish transhipped by carrier vessel's captain was based on the remaining hold volume.

6 Species and weight transferred

The vessel contained tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Table 4**, a breakdown by transshipment is shown in Error! Reference source not found. and average weights by species are shown in **Table 5**.

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

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	12,670	0.94	14,760	1.09
Atlantic blue marlin	<i>Makaira nigricans</i>	All	12,920	0.96	13,020	0.96
Bigeye tuna	<i>Thunnus obesus</i>	All	1,067,780	79.51	1,071,370	79.04
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All	1,510	0.11	1,590	0.12
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	360	0.03	230	0.02
Opah	<i>Lampris guttatus</i>	All	700	0.05	860	0.06
Striped marlin	<i>Tetrapturus audax</i>	All	230	0.02	0	0
Swordfish	<i>Xiphias gladius</i>	N	18,670	1.39	14,360	1.06
Swordfish	<i>Xiphias gladius</i>	S	4,200	0.31	4,230	0.31
Tunas nei	Thunnini	All	970	0.07	600	0.04
Wahoo	<i>Acanthocybium solandri</i>	All	770	0.06	1,300	0.10
Yellowfin tuna	<i>Thunnus albacares</i>	All	222,220	16.55	232,960	17.19

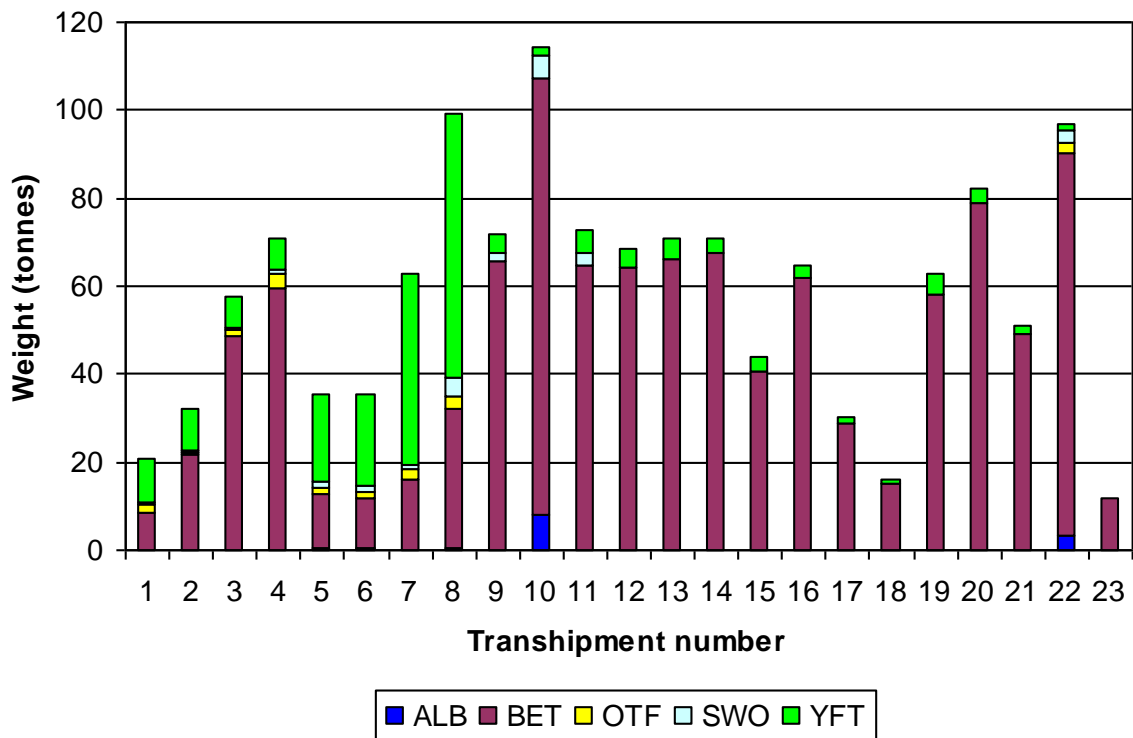


Figure 2 Proportions, by weight, of fish species transferred by transshipment

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	20.95
Atlantic blue marlin	<i>Makaira nigricans</i>	102.52
Bigeye tuna	<i>Thunnus obesus</i>	44.67
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	15.11
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	9.50
Opah	<i>Lampris guttatus</i>	10.55
Striped marlin	<i>Tetrapturus audax</i>	38.00
Swordfish	<i>Xiphias gladius</i>	61.98
Tunas nei	Thunnini	19.80
Wahoo	<i>Acanthocybium solandri</i>	9.24
Yellowfin tuna	<i>Thunnus albacares</i>	45.77

Comments:

The main types of product by species during deployment were: gilled and gutted (*T. obesus*, *T. albacares*, *M. nigricans* and *T. audax*), fillet (*X. gladius*), round weight (*T. alalunga*) and dressed (*X. gladius*, *M. nigricans*, *I. platypterus*, *L. guttatus*, *A. solandri*, *S. commerson*).

The average weight of fish transhipped was taken from transhipped vessel figures whenever possible. For transhipments 9, 11, and 22, no average weight was possible. For these transhipments, the observer used the average weights for the same species from previous transhipments.

Furthermore, for transhipments 8 and 22 unspecified tuna products were transhipped and declared by the LSPLV as TUNA EGG and TUN. Both tuna products were recorded in by the observer as tunas nei (tuna egg) and tunas nei (tuna meat blocks). The weight used was the weight declared by the vessel.

For transhipment 1, unspecified tuna products were transhipped but were not declared. In this case and not declared. In this instance, the observer used a visual estimate of the weight for his calculations. These products were recorded as tunas nei.

In transhipment 7 was observed striped marlin (*Tetrapturus audax*) and all marlin were declared as BUM by the vessel.

In transhipment 22 was observed narrow-barred spanish mackerel (*Scomberomorus commerson*) and was declared as wahoo by the vessel (*Acanthocybium solandri*).

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Checks were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

No	Name	Flag*	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type**	Last entry
22			Y	11/04/18	Y	Y	Unk	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	11/04/18
23			Y	12/04/18	Y	Y	Y	Y	Y	30/04/18	Y	Y	Y	Y	Y	PB	11/04/18

*XXX, XXX, XXX, XXX

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

Comments.

The logbook in transshipment 3 was printed and unbound, and not up to date. The observer reported a PNC. The observer explained the captain about ICCAT requirements for logbooks on board LSTLVs.

The ATT in transshipment 9 was not shown to the observer while inspection aboard. The CV Shota Maru received the ATT by fax from fisheries agency for this fishing vessel during transshipment.

In transshipment 14 the ATF shown to observer was expired with date 10/11/2017. An updated ATF with expiry date 31/12/2018 was subsequently sent BY FAX during transshipment.

No numbered logbooks were shown to observer for transshipments 15 and 23 but all entries except for the last one were completed showing consecutive days from the beginning of the logbook.

The ATT for transshipment 23 was not recognised as there is no template for the XXX license.

Table 9 **Comments on LSPLV checks**

No	Comments
3	The Logbook Shown To the observer was not up to date and was unbound. PNC Reported.
15	The logbook shown to observer aboard had no numbered pages. PNC reported.
23	The area of operations in described in the ATF are (25/30/50). The ATF was not recognised. The logbook shown to observer aboard had no numbered pages. PNC reported.

The observer made 3 Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2
3			21403	LNB	LND
15			21415	LNN	
23			21423	LNN	

9 Other Observer Tasks.

9.1 CV waste disposal

Shota Maru disposed of garbage within colour coded containers at the stern in order to separate garbage between plastic, paper, glass bottles and food waste. Information about MARPOL waste disposal procedures were observed in several points around the ship.



Figure 3 Coloured containers for garbage disposal

Plastics was observed thrown from fishing vessel to the sea during transshipment 22. Observer pointed MARPOL requirements out to the captain of XXX.

Figure 4 Plastic garbage thrown from the XXX

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during the deployment

9.3 Marine mammals

A group of 30 striped dolphins (*Stenella coeruleoalba*) were observed jumping in the surface next to the vessel while sailing by in the Caribbean Sea on the way to Panama

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
18/04/18	09:00	12°05'N	64°24'W	<i>Stenella coeruleoalba</i>	30	Swimming

10 Health and Safety on board the CV

He observer noted no health and safety issues during the deployment period.

11 Submitting Report to the Master

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

Yes	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		23/03/18	12°26'S	1°13'E	Bait and other supplies	Y
		25/03/18	10°30'S	9°22'W	Fuel and fresh water	Y
		30/03/18	6°36'N	21°47'W	Bait and ship material	Y
		01/04/18	8°48'N	24°35'W	Bait	Y
		01/04/18	8°46'N	24°35'W	Bait and oil	Y
		03/04/18	7°39'N	29°01'W	Bait and other supplies	Y
		03/04/18	7°37'N	29°04'W	Bait and other supplies	Y
		03/04/18	7°36'N	29°07'W	Bait and other supplies	Y

ICCAT

Observer Report



Trip Number:	215-18
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	A.T. Dimitrov
Cruise Dates:	From: 30/03/2018 to: 11/06/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Co. Ltd. and the consortium of MRAG and Capfish cc, A.T. Dimitrov (ROP No.117) joined the Japan registered Carrier Vessel (CV) Taisei Maru No.24 (RFMO No.AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/03/2018 to 11/06/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.24	Call sign:	JILE
Port of registration:	ISE - SHI	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Co. Ltd	Charterer:	Taisei Maru Kaiun Kaisha Co. Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6347.5m ³ .
Size (GRT):	4992t.	Length (LOA):	124.25m.
On-board acoustic equipment:	JRC - JFE 570S		
Position fixing equipment:	JRC - Type JLR - 7700MKII		
Vessel monitoring system (present/absent):	Present: JRC JUE - 95VM INMARSAT C		
Radar:	1xJMA - 9132SA / 1xMPBX41984A		
Communications equipment:	MF/HF: JRC NCH - 801 / NCH - 802 2xVHF: JRC JHS - 31 Inmarsat F33, FB and C		
Plotters:	MPBX41984A		
Tuna products already on board (Quantity)	0t.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Durban, South Africa
Date of embarkation	30/03/2018
Method of embarkation*	Portside
Date of departure	31/03/2018
Date of first transshipment	04/04/2018
Date of last transshipment	07/06/2018
Date of return	11/06/2018
Date of disembarkation	11/06/2018
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 49 transhipments at sea. The locations are shown in detail in Figure 1 and the numbers received by nationality of vessel are given in Table 1.

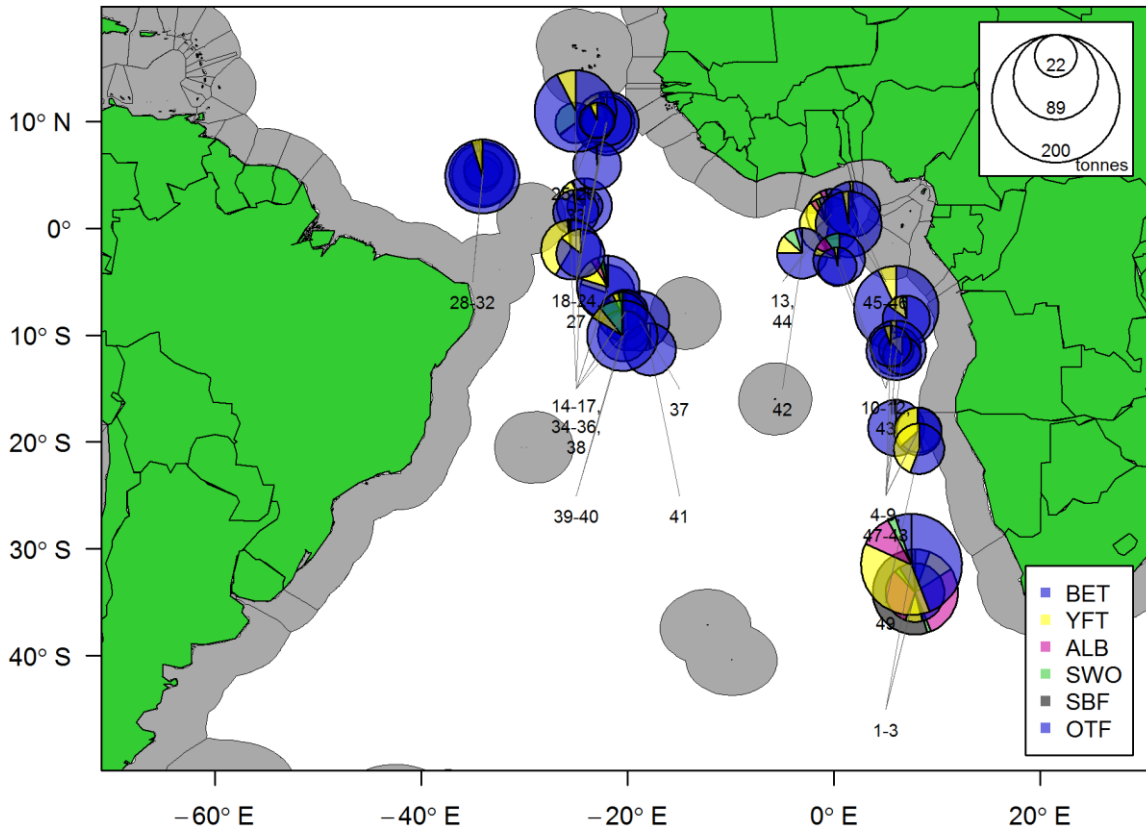


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	3
	27
	18
	1

Comments: In addition to the transhipments listed in Table 1, the CV conducted 11 non ICCAT transhipments of cargo only. The details of these cargo-only transhipments are listed in Table 12.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	04/04/18	34°00.487 S	007°52.022 E	01:35	100.00%
2				Yes	04/04/18	34°04.031 S	007°50.547 E	01:50	100.00%
3				Yes	05/04/18	31°26.447 S	007°29.449 E	01:50	100.00%
4				Yes	07/04/18	18°39.93 S	006°00.384 E	01:50	100.00%
5				Yes	10/04/18	11°30.372 S	006°00.848 E	00:45	100.00%
6				Yes	10/04/18	11°24.762 S	006°00.786 E	02:40	100.00%
7				Yes	10/04/18	11°20.177 S	006°00.331 E	01:05	100.00%
8				Yes	11/04/18	11°53.919 S	006°34.717 E	01:25	100.00%
9				Yes	12/04/18	11°00.489 S	005°28.1 E	01:30	100.00%
10				Yes	13/04/18	08°30.216 S	006°59.564 E	01:40	100.00%
11				Yes	14/04/18	07°29.375 S	006°00.924 E	00:55	100.00%
12				Yes	16/04/18	02°53.532 S	000°29.575 E	02:15	100.00%
13				Yes	17/04/18	00°13.713 N	000°32.035 W	01:10	100.00%
14				Yes	21/04/18	05°30.113 S	021°53.368 W	03:00	100.00%
15				Yes	22/04/18	05°59.839 S	022°00.891 W	03:15	100.00%
16				Yes	28/04/18	01°59.217 S	025°29.748 W	02:20	100.00%
17				Yes	29/04/18	02°20.661 S	024°34.541 W	02:55	100.00%
18				Yes	30/04/18	01°28.949 N	025°01.035 W	04:00	100.00%
19				Yes	01/05/18	02°05.002 N	024°08.794 W	00:35	100.00%
20				Yes	01/05/18	02°05.485 N	024°11.637 W	00:50	100.00%
21				Yes	02/05/18	05°53.172 N	022°57.185 W	02:20	100.00%
22				Yes	03/05/18	09°59.551 N	021°59.926 W	02:05	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
23				Yes	03/05/18	09°48.584 N	021°59.977 W	01:35	100.00%
24				Yes	04/05/18	09°51.371 N	022°08.589 W	01:50	100.00%
25				Yes	05/05/18	10°04.966 N	022°57.296 W	01:10	100.00%
26				Yes	05/05/18	10°02.464 N	022°57.595 W	02:30	100.00%
27				Yes	06/05/18	09°51.192 N	025°02.983 W	01:10	100.00%
28				Yes	08/05/18	05°01.216 N	034°01.155 W	00:45	100.00%
29				Yes	08/05/18	05°02.732 N	034°05.078 W	01:15	100.00%
30				Yes	08/05/18	05°02.576 N	034°05.562 W	02:00	100.00%
31				Yes	10/05/18	04°50.908 N	034°04.794 W	05:05	100.00%
32				Yes	11/05/18	05°30.623 N	034°01.01 W	02:50	100.00%
33				Yes	13/05/18	10°58.208 N	025°02.728 W	01:20	100.00%
34				Yes	20/05/18	08°12.356 S	020°30.166 W	00:55	100.00%
35				Yes	21/05/18	07°52.199 S	020°11.493 W	01:25	100.00%
36				Yes	21/05/18	07°49.16 S	020°14.536 W	01:50	100.00%
37				Yes	22/05/18	08°39.157 S	018°50.899 W	04:25	100.00%
38				Yes	23/05/18	09°33.436 S	020°00.854 W	01:50	100.00%
39				Yes	24/05/18	10°04.393 S	020°25.974 W	02:00	100.00%
40				Yes	24/05/18	10°02.286 S	020°31.205 W	02:50	100.00%
41				Yes	25/05/18	11°20.087 S	017°50.43 W	00:40	100.00%
42				Yes	28/05/18	02°20.142 S	003°04.705 W	01:01	100.00%
43				Yes	29/05/18	03°35.407 S	000°19.081 E	01:25	100.00%
44				Yes	30/05/18	01°20.525 N	000°14.992 W	02:30	100.00%
45				Yes	31/05/18	01°48.44 N	001°47.926 E	01:30	100.00%
46				Yes	31/05/18	00°23.061 N	001°23.957 E	01:55	100.00%
47				Yes	05/06/18	19°00.269 S	008°06.663 E	07:25	100.00%
48				Yes	06/06/18	18°51.816 S	008°13.562 E	02:30	100.00%
49				Yes	07/06/18	20°37.769 S	008°14.064 E	08:10	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	0	22.94	24.163	12.3	11.297	0.185	0.237	2.576	2.723	38.001	38.42	0.42	1.09%
2	0	0	26.6	27.691	18.462	19.295	0.785	0.925	4.494	4.534	50.341	52.445	2.10	4.01%
3	0	0	37.587	37.541	5.814	5.776	0.248	0.35	2.832	3.317	46.481	46.984	0.50	1.07%
4	0	0	42.768	44.584	4.558	4.276	0.155	0.152	2.718	2.838	50.199	51.85	1.65	3.18%
5	0	0	16.47	16.749	0.46	0.455	0.066	0.067	2.032	2.034	19.028	19.305	0.28	1.43%
6	0	0	54	53.205	6.215	6.188	0.356	0.354	2.355	2.132	62.926	61.879	-1.05	-1.69%
7	0	0	15.232	16.064	0.4	0.323	8.5	8.681	0	0	24.132	25.068	0.94	3.73%
8	0	0	36.521	36.313	0.855	0.855	0	0	0	0	37.376	37.168	-0.21	-0.56%
9	0	0	30.218	31.2	0.572	0.57	0	0	0	0	30.79	31.77	0.98	3.08%
10	0	0	34.996	35.16	0.297	0.295	0	0	0	0	35.293	35.455	0.16	0.46%
11	0	0	17.27	17.263	1.8	1.796	0	0	0	0	19.07	19.059	-0.01	-0.06%
12	0	0	55.9	57.223	1.914	1.904	0	0	0	0	57.814	59.127	1.31	2.22%
13	0	0	19.8	20.015	1.86	2.203	0	0	0	0	21.66	22.218	0.56	2.51%
14	0	0	62.8	64.715	0.8	0.975	0	0	0	0	63.6	65.69	2.09	3.18%
15	0	0	80.4	80.732	4.05	4.143	0	0	0	0	84.45	84.875	0.42	0.50%
16	0	0	44.634	46.078	0.77	0.763	0	0	0	0	45.404	46.841	1.44	3.07%
17	0	0	63.632	65.06	1.92	1.986	0	0	0	0	65.552	67.046	1.49	2.23%
18	0	0	94.072	95.458	8.05	7.99	0	0	0	0	102.122	103.448	1.33	1.28%
19	0	0	14.781	14.865	1.176	1.172	0	0	0	0	15.957	16.037	0.08	0.50%
20	0	0	18.392	18.271	1.35	1.358	0	0	0	0	19.742	19.629	-0.11	-0.58%
21	0	0	30.156	29.66	4.55	4.505	3.3	3.317	1.89	1.9	39.896	39.382	-0.51	-1.31%
22	0	0	37.683	36.927	15.1	15.862	0.678	0.68	1.476	1.477	54.937	54.946	0.01	0.02%
23	0	0	37.893	37.707	7.943	8.129	0.507	0.507	0.904	0.907	47.247	47.25	0.00	0.01%
24	0	0	31.908	32.317	21.58	21.761	0.632	0.626	0.559	0.533	54.679	55.237	0.56	1.01%
25	0	0	26.845	27.001	2.87	2.962	1	1.188	0	0	30.715	31.151	0.44	1.40%
26	0	0	46.92	48.477	6.768	6.609	1.802	1.783	4.143	3.919	59.633	60.788	1.16	1.90%
27	0	0	25.542	25.975	2.304	2.286	0.5	0.882	1.35	1.347	29.696	30.49	0.79	2.60%

No	Southern bluefin		Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
28	0	0	19.84	19.6	4.888	4.9	0	0	0	0	24.728	24.5	-0.23	-0.93%
29	0	0	30.366	30.6	5.054	5.1	0	0	0	0	35.42	35.7	0.28	0.78%
30	0	0	31.28	33	1.35	1.5	1.001	1	0	0	33.631	35.5	1.87	5.26%
31	0	0	104.31	103	8.05	8	0	0	0	0	112.36	111	-1.36	-1.23%
32	0	0	31.476	32	1.517	1.8	4	3.8	3.564	3.5	40.557	41.1	0.54	1.32%
33	0	0	28.272	29.362	4.32	4.204	0.918	0.881	0	0	33.51	34.447	0.94	2.72%
34	0	0	22.386	22.254	0.644	0.645	0	0	0	0	23.03	22.899	-0.13	-0.57%
35	0	0	40.647	40.844	1.04	1.142	0	0	0	0	41.687	41.986	0.30	0.71%
36	0	0	39.024	39.118	0.405	0.411	0	0	0	0	39.429	39.529	0.10	0.25%
37	0	0	64.98	64.262	4.5	4.168	8.162	8.299	0	0	77.642	76.729	-0.91	-1.19%
38	0	0	50.468	48	0.451	0.45	0	0	0	0	50.919	48.45	-2.47	-5.10%
39	0	0	35.04	37.214	0.66	0.661	0	0	0	0	35.7	37.875	2.18	5.74%
40	0	0	53.289	53.18	1.56	1.56	0	0	0	0	54.849	54.74	-0.11	-0.20%
41	0	0	16.923	17.115	1.377	1.374	0	0	0	0	18.3	18.489	0.19	1.02%
42	0	0	20.531	19.8	2.42	2.42	0	0	0	0	22.951	22.22	-0.73	-3.29%
43	0	0	24.516	24.32	1.407	1.407	0	0	0	0	25.923	25.727	-0.20	-0.76%
44	0	0	14.79	14.784	16.512	16.522	0	0	0	0	31.302	31.306	0.00	0.01%
45	0	0	21.661	22	12.604	12.65	0	0	0	0	34.265	34.65	0.38	1.11%
46	0	0	21.777	21.919	16.807	17.322	0	0	0	0	38.584	39.241	0.66	1.67%
47	59.328	59.296	6.372	6.247	11.625	11.535	1.72	1.72	34.631	33.184	113.676	111.982	-1.69	-1.51%
48	0	0	24.44	24.407	4.92	5.106	1.545	1.614	22.269	22.113	53.174	53.24	0.07	0.12%
49	0	0	75.15	69.39	61.38	59.259	4.014	3.944	25.625	24.847	166.169	157.44	-8.73	-5.54%

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed weight (t)	Observed %	Declared weight (t)	Declared %
Albacore	<i>Thunnus alalunga</i>	All	3.56	0.15%	0.00	0.00%
Albacore	<i>Thunnus alalunga</i>	N	3.24	0.14%	5.92	0.25%
Albacore	<i>Thunnus alalunga</i>	S	70.44	3.04%	69.17	2.98%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	1.89	0.08%	2.94	0.13%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	4.47	0.19%	4.46	0.19%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	17.83	0.77%	20.22	0.87%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.43	0.02%
Bigeye tuna	<i>Thunnus obesus</i>	All	1803.50	77.92%	1812.83	78.06%
Black marlin	<i>Makaira indica</i>	All	0.00	0.00%	0.47	0.02%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	1.51	0.07%	0.00	0.00%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	S	1.76	0.08%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	3.07	0.13%	6.13	0.26%
Other fish Unclassified		All	0.99	0.04%	0.40	0.02%
Other fish Unclassified		SE	3.70	0.16%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.70	0.03%	0.90	0.04%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	59.33	2.56%	59.30	2.55%
Striped marlin	<i>Tetrapturus audax</i>	All	0.23	0.01%	0.23	0.01%
Striped marlin	<i>Tetrapturus audax</i>	N	0.00	0.00%	0.04	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NE	0.04	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	16.46	0.71%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	6.04	0.26%	16.77	0.72%
Swordfish	<i>Xiphias gladius</i>	S	17.57	0.76%	24.24	1.04%
Yellowfin tuna	<i>Thunnus albacares</i>	All	298.23	12.88%	297.87	12.83%

Comments: The CV made use of a hook scale to record the string weights. The scale recorded total was 2400.865 tonnes whereas 2322.308t was declared (3.38% difference).

The main species transhipped during the voyage were bigeye tuna (*Thunnus obesus*), yellowfin tuna (*Thunnus albacares*), albacore (*Thunnus alalunga*), southern bluefin tuna (*Thunnus maccoyii*), swordfish (*Xiphias gladius*) and billfish (marlins, sailfishes etc. nei [*Istiophoridae*]).

Opah (*Lampris guttatus*), short fin mako shark (*Isurus oxyrinchus*), atlantic spanish mackerel (*Scomberomorus maculatus*) were transhipped in relatively small amounts.

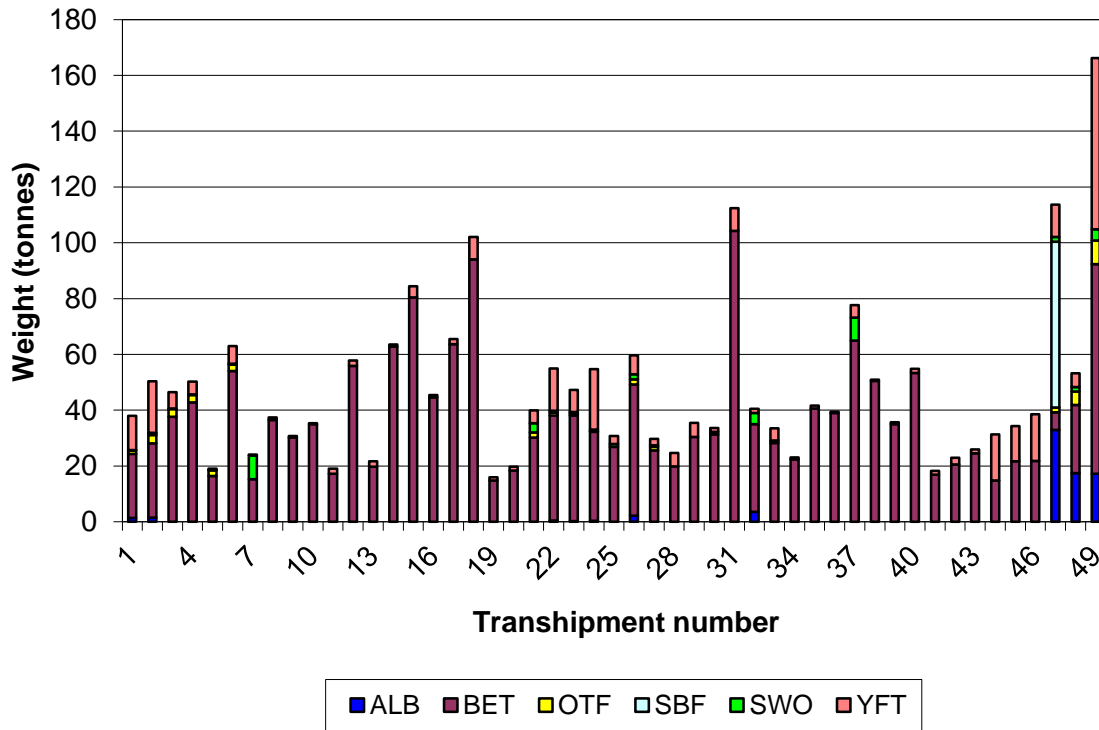


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.27
Atlantic blue marlin	<i>Makaira nigricans</i>	116.25
Bigeye tuna	<i>Thunnus obesus</i>	47.97
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	130.68
Opah	<i>Lampris guttatus</i>	9.00
Other fish Unclassified		11.50
Shortfin mako	<i>Isurus oxyrinchus</i>	41.29
Southern bluefin tuna	<i>Thunnus maccoyii</i>	47.50
Striped marlin	<i>Tetrapturus audax</i>	43.83
Swordfish	<i>Xiphias gladius</i>	54.82
Yellowfin tuna	<i>Thunnus albacares</i>	49.43

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

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
47				Yes	05/06/18	19°00.269 S	008°06.663 E	07:25	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight (kg)	Catch Monitoring Form Number	Tag series number(from – to)
47	9	1249	59.296		0001 – 0733 0735 - 1250

Comments: The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Form (CMF) for the transhipment of southern Bluefin tuna (*Thunnus maccoyii*) was presented and signed by the observer.

The tag series reflected on the CMF ranged from 0001 to 0733 and 0735 to 1250. The LSPLV crew explained that the tag number 0734 was lost and not used to tag a fish.

8 LSPLV Checks

Checks were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

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

Comments.

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

** National Register Number not displayed.

All transshipping LSPLV were boarded and inspected by observer with no problems or difficulties.

Table 9 Comments on LSPLV checks

No	Comments
21	One swordfish (<i>Xiphias gladius</i> ~140kg) and one blue marlin (<i>Makaira nigricans</i> 150kg) was returned back to the LSPLV due to the total transhipped amount having exceeded the amount declared.
22	In addition to the ATF, the xxx also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the yellowfin tuna, bigeye tuna and blue marlin separately for catches within the EEZ of Cape Verde and the high seas catches.
23	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the yellowfin tuna and bigeye tuna separately for catches within the EEZ of Cape Verde and the high seas catches.
24	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018. The transhipment declaration declared the bigeye tuna separately for catches within the EEZ of Cape Verde and the high seas catches.
26	In addition to the ATF, the also had an ATF from [another CPC] which was valid from 01/01/2018 to 30/06/2018.
28	The fishing logbook pages were printed and bound, but the pages were not numbered. Figure 3 Logbook used by the xxx
38	The International Radio Call Sign (IRCS) on the starboard side of the xxx was not completely visible. The number "1" was worn and not visible. The IRCS was however also applied to the superstructure, but may not be visible at times due to the life raft and life ring having been mounted in front of the marking. Figure 4 Worn IRCS markings on the starboard side of the xxx

Table 10 PNC reports made

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

No PNC reports were issued during the trip.

9 Other Observer Tasks.

9.1 CV waste disposal

The CV retained cans, glass and plastic bottles on board while cardboard boxes, paper, plastics and packaging materials were incinerated.
Food waste was discarded at sea.

9.2 Unidentified or IUU vessels

No IUU vessels were sighted and no non-ROP transshipments were observed during the voyage.

9.3 Marine mammals.

Dolphins were observed during the transshipments No.10 and No.27.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
13/04/2018	10:00 AM	08°30.26 S	006°59.564 E	Dolphins Unidentified species	In groups of 2, 3 or individual.	Swimming and searching.
06/05/2018	07:29 AM	09°51.192 N	025°02.983 W	Dolphins Unidentified species	In group of 6.	Swimming and searching.

10 Submitting Report to the Master

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

Yes	No
X	

Appendices

Table 12 Non ROP Transhipments

No	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
1			03/04/2018	34.57 S	10.44 E	Dry Cargo.	Yes
2			09/04/2018	11.02 S	8.37 E	Fuel (150t) and dry cargo.	Yes
3			09/04/2018	11.00 S	8.38 E	Fuel (120t) and dry cargo.	Yes
4			09/04/2018	10.57 S	8.39 E	Fuel (80t) and dry cargo.	Yes
5			23/04/2018	6.24 S	22.15 W	Bait (5600 boxes) and dry cargo.	Yes
6			24/04/2018	7.37 S	22.42 W	Bait (2000 boxes) and dry cargo.	Yes
7			25/04/2018	5.56 S	19.22 W	Bait (2450 boxes) and dry cargo.	Yes
8			25/04/2018	5.28 S	19.45 W	Bait (4200 boxes) and dry cargo.	Yes
9			27/04/2018	0.56 S	20.59 W	Bait (3440 boxes) and dry cargo.	Yes
10			06/06/2018	18.46 S	8.09 E	Fuel (230t).	Yes
11			09/06/2018	29.05 S	8.57 E	Fuel (165t).	Yes

ICCAT

Observer Report



Trip Number:	216-18
Vessel Name:	Meita Maru
ICCAT Ref. No.	AT000LBR00002
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 18/04/2018 to: 09/06//2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line (Pty) Ltd and Capricorn Fisheries Monitoring (Pty) Ltd, Peter Johann Beets (ROP no. 152) joined the Liberia registered Carrier Vessel (CV) Meita Maru (RFMO No AT000LBR00002) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 18/04/2018 to 09/06/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Meita Maru	Call sign:	D5JO8
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL SA	Charterer:	Toei Reefer Line (Pty) Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2300 tonnes
Size (GRT):	3802	Length (LOA):	106.98
On-board acoustic equipment:	Tokimec Doppler Log TD-501		
Position fixing equipment:	JRC JLR-7700MKII GPS (X2) Tokyo Keiki R4 Navigation System (AIS) Samsung ROMU-3000A GPS		
Vessel monitoring system (present/absent):	Present CLS RS-232C		
Radar:	Tokyo Keiki ID-509 Marine radar (X2)		
Communications equipment:	JRC NCR-300A Navtex Receiver JRC NRE-63 Watch keeping Receiver JRC JHS-31 Marine VHF Radiotelephone Motorola GP328 Handheld Radios JRC NCH-700 MF/HF Controller JRC NDZ-800 Data Terminal JRC JAX-91 Facsimile Receiver JRC JUE-87 Inmarsat Receiver JRC JUE-95VM Inmarsat Receiver JRC NVA-1700MKII Public Addresser		
Plotters:	JRC NDC-1252 Colour Plotter		
Tuna products already on board (Quantity)	No		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	18/04/2018
Method of embarkation*	Portside
Date of departure	20/04/2018
Date of first transshipment	25/04/2018
Date of last transshipment	07/06/2018
Date when CV crossed over from ICCAT to IOTC area.	09/06/2018

Date of disembarkation	25/07/2018 The observer remained on board for the following IOTC deployment
Method of disembarkation	Transfer vessel in port
Port of return	Kaohsiung, Chinese Taipei

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

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

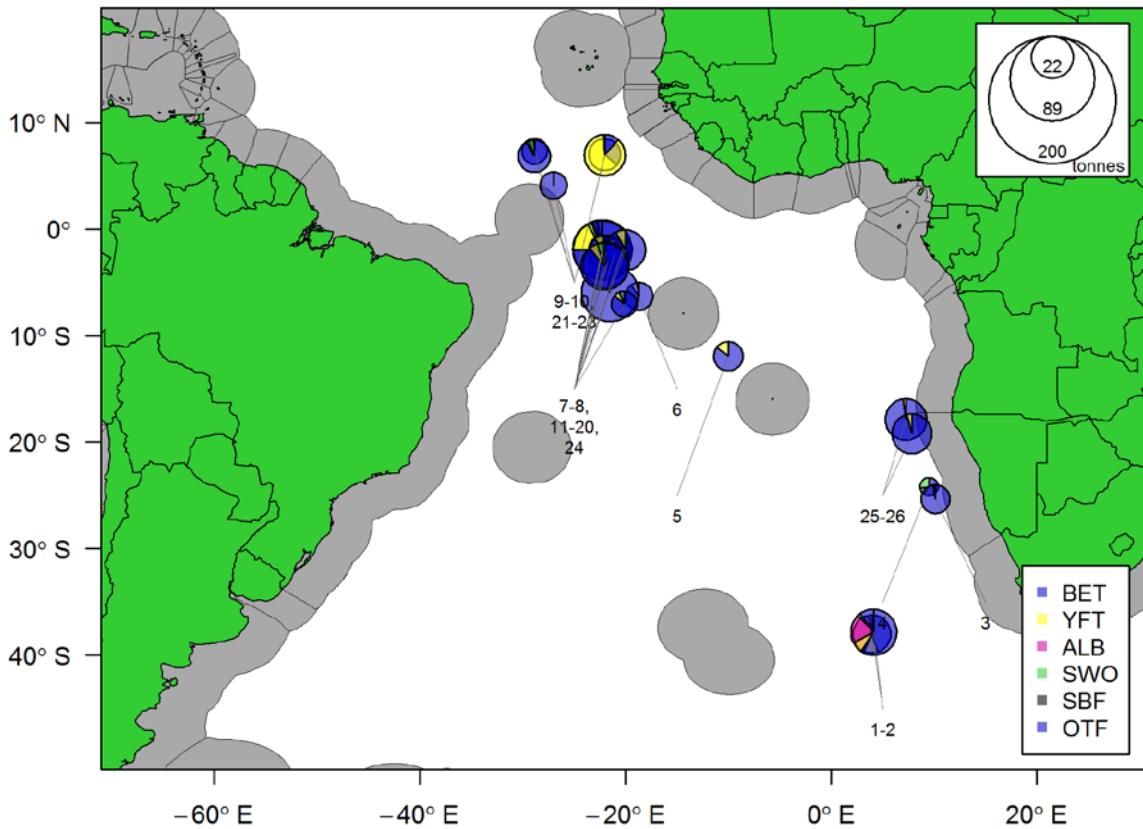


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	1
XXX	15
XXX	6
XXX	2
XXX	1

Comments:

The CV conducted 6 non-ICCAT transhipments of cargo while in the Atlantic Ocean. Further information of these cargo transhipment are provided in Table 10.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Latitude	Longitude	Transhipment time	% Observed
1				25/04/18	38°00.308 S	003°56.871 E	02:19	100.00%
2				25/04/18	37°49.668 S	004°07.813 E	03:35	100.00%
3				29/04/18	25°20.741 S	010°07.306 E	00:40	100.00%
4				30/04/18	24°10.544 S	009°30.129 E	01:10	100.00%
5				05/05/18	11°56.229 S	010°00.214 W	00:55	100.00%
6				07/05/18	06°18.843 S	018°41.678 W	00:55	100.00%
7				08/05/18	05°59.634 S	021°31.009 W	03:58	100.00%
8				09/05/18	03°00.07 S	021°42.407 W	02:16	100.00%
9				11/05/18	06°59.537 N	022°00.743 W	03:25	100.00%
10				11/05/18	06°56.118 N	022°00.97 W	04:08	100.00%
11				14/05/18	02°11.864 S	021°52.501 W	01:23	100.00%
12				15/05/18	01°57.904 S	022°11.662 W	01:11	100.00%
13				15/05/18	01°55.704 S	022°15.452 W	00:15	100.00%
14				15/05/18	01°54.755 S	022°17.489 W	00:20	100.00%
15				16/05/18	02°09.511 S	021°01.475 W	00:54	100.00%
16				17/05/18	01°58.616 S	020°01.004 W	02:30	100.00%
17				17/05/18	01°53.96 S	020°09.318 W	02:38	100.00%
18				17/05/18	01°51.109 S	020°15.063 W	03:40	100.00%
19				18/05/18	03°22.921 S	021°53.666 W	00:55	100.00%
20				19/05/18	03°30.237 S	022°02.918 W	00:55	100.00%
21				26/05/18	07°17.519 N	028°50.343 W	01:44	100.00%
22				27/05/18	06°49.985 N	028°52.135 W	02:13	100.00%
23				28/05/18	04°05.036 N	027°00.063 W	00:40	100.00%
24				31/05/18	07°01.995 S	020°07.961 W	00:57	100.00%
25				06/06/18	17°52.422 S	007°15.838 E	02:30	100.00%
26				07/06/18	19°12.788 S	007°50.143 E	03:43	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	9.778	0	16.953	0	0	26.124	0	26.124	26.731	0.61	2.27%
2	0	4.892	0	38.895	0.053	0.053	38.207	0.329	38.26	44.169	5.91	13.38%
3	0	16.541	0	0.624	0	0	17.123	0	17.123	17.165	0.04	0.24%
4	0	25.189	0	0.665	1.651	1.596	25.689	0	27.34	27.45	0.11	0.40%
5	0	19.029	0	0	0	0	19.146	0	19.146	19.029	-0.12	-0.61%
6	0	18.23	0	2.04	0	0	20.1	0	20.1	20.27	0.17	0.84%
7	0	84.271	0	1.714	0	0	83.568	0	83.568	85.985	2.42	2.81%
8	0	38	0	1.957	0	0	46.855	0	46.855	39.957	-6.90	-17.26%
9	0	69.424	0	18.26	1.981	0.967	94.457	2.407	96.438	92.508	-3.93	-4.25%
10	0	65	0	15	3.34	2	82.454	5.1	85.794	87.1	1.31	1.50%
11	0	30.688	0	0.588	0	0	31.276	0	31.276	31.276	0.00	0.00%
12	0	19.367	0	2.148	0	0	21.474	0	21.474	21.515	0.04	0.19%
13	0	6.85	0	0.941	0	0	7.874	0	7.874	7.791	-0.08	-1.07%
14	0	6.534	0	0.714	0	0	7.449	0	7.449	7.248	-0.20	-2.77%
15	0	15.367	0	1.975	0	0	17.38	0	17.38	17.342	-0.04	-0.22%
16	0	40	0	3.48	0	0	43.601	0	43.601	43.48	-0.12	-0.28%
17	0	50.667	0	2.403	2.055	2.055	46.187	0	48.242	55.125	6.88	12.49%
18	0	51.749	0	3.537	2.886	2.886	54.662	0	57.548	58.172	0.62	1.07%
19	0	14.899	0	1.423	1.021	1.021	16.489	0	17.51	17.343	-0.17	-0.96%
20	0	19.228	0	3.301	0	0	22.483	0	22.483	22.529	0.05	0.20%
21	0	44.02	0	1.17	0	0	45.366	0	45.366	45.19	-0.18	-0.39%
22	0	39.929	0	1.85	0	0	42.365	0	42.365	41.779	-0.59	-1.40%
23	0	5.219	0	1.065	3.515	2.467	7.802	0	11.317	8.751	-2.57	-29.32%
24	0	21.44	0	0.48	0	0	21.88	0	21.88	21.92	0.04	0.18%
25	0	16.952	0	4.608	1.072	1.132	27.529	0	28.601	37.841	9.24	24.42%
26	0	33.019	0	4.325	1.281	0.976	51.296	5.751	52.577	55.544	2.97	5.34%

Comments:

Transshipment 2:

String counts were very difficult for this transshipment due to very small fish being transhipped in large, bunched up strings. This may have contributed to the difference between declared weight and observer estimate exceeding 10%.

Transshipment 8:

The transshipment declaration for this transshipment was reduced from 49.957 tonnes to 39.957 tonnes. The reason for the change in declaration was unclear. The observer is confident in his estimate, which reflects a tonnage of 46.855 tonnes and was more representative of the original declaration.

Transshipment 17:

Despite the observer's estimate exceeding a 10% difference from the LSPLV's transshipment declaration during this transshipment, the observer experienced no difficulty during the transshipment process. The observer therefore has confidence in the accuracy of his independent estimate.

Transshipment 23:

The observer was confident that his independent estimate for this transshipment was representative of the actual volume transhipped, despite the large discrepancy between the total observed and the declared total.

Transshipment 25:

The observer estimate for this transshipment was very difficult due to the large number of albacore (*Thunnus alalunga*) present. This resulted in extremely bunched up strings mixed with at least two other species for the greater majority of the observation period. The observer believed this had contributed to the large difference between declared volumes and observed volumes.

Transshipment 26:

This transshipment included swordfish (*Xiphias gladius*) both in dressed and filleted form, even though the transshipment declaration only specified this species as dressed. It was very apparent that the fillets came from larger fish while the smaller fish were in dressed form. The observer decided to use the average declared weight per fish of dressed swordfish as the average weight per swordfish fillet as this appeared to be a reasonable estimate of the weight per fillet transhipped. Opah (*Lampris guttatus*) was classified as 'Other' on the transshipment declaration, but the observer specified the species in his estimate.

6 Species and weight transferred

The carrier vessel contained an undetermined amount of tuna products when the observer boarded as an in-port transshipment of tuna and tuna-like products to the carrier vessel was already underway while the observer boarded the vessel. A second in-port transshipment of tuna and tuna-like products was also made prior to departure while the vessel was in port. The total amount received from the in-port transshipment in Cape Town before the CV sailed amounted to 91.736t (Table 11).

The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transshipment is shown in Figure 2.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	22.70	2.42%	28.07	2.94%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	7.88	0.84%	7.57	0.79%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	766.28	80.39%
Marlins, sailfishes, etc. nei	<i>Istiophoridae</i>	All	0.07	0.01%	0.06	0.01%
Mixed Tunas		All	881.81	94.04%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	1.91	0.20%	0.00	0.00%
Other fish Unclassified	N/A	All	3.75	0.40%	5.28	0.55%
Striped marlin	<i>Tetrapturus audax</i>	All	0.72	0.08%	0.69	0.07%
Swordfish	<i>Xiphias gladius</i>	All	18.86	2.01%	15.15	1.59%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	130.12	13.65%

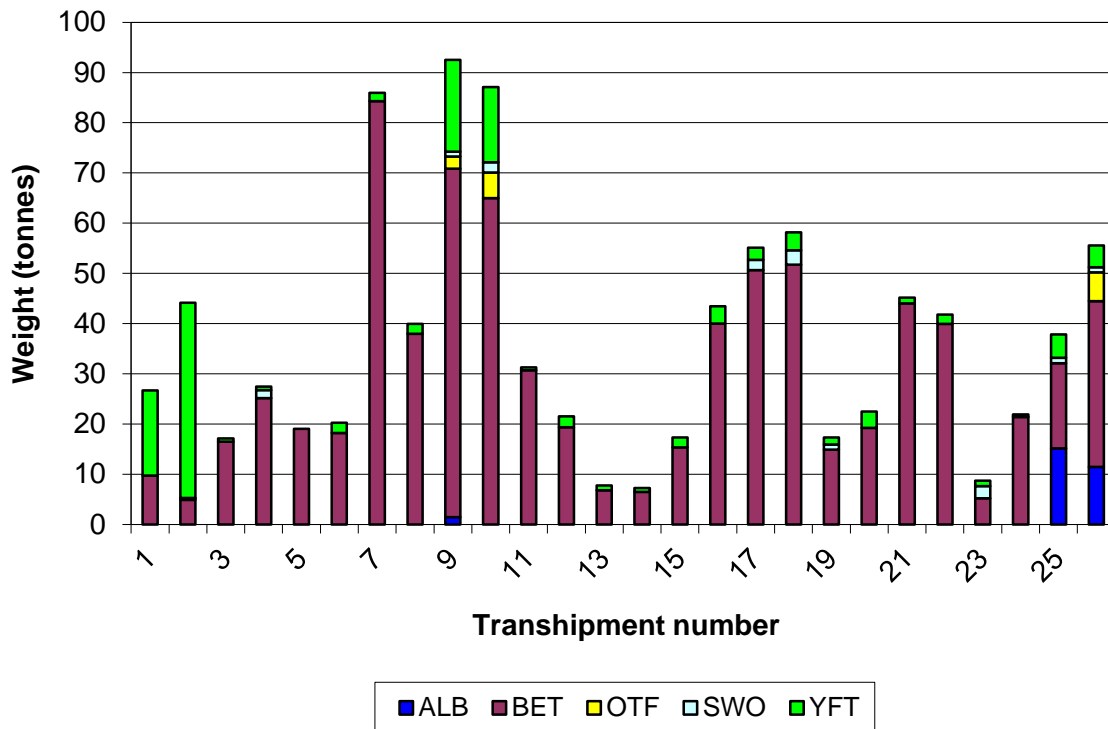


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.98
Atlantic blue marlin	<i>Makaira nigricans</i>	103.63
Bigeye tuna	<i>Thunnus obesus</i>	44.58
Marlins, sailfishes, etc.	<i>Istiophoridae</i>	11.00
Other fish	N/A	18.60
Striped marlin	<i>Tetrapturus audax</i>	32.62
Swordfish	<i>Xiphias gladius</i>	58.73
Yellowfin tuna	<i>Thunnus albacares</i>	34.80

Comments:

The majority of fish transhipped were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*T. albacares*). Due to the mixed nature of transhipments, both species were classified as mixed tuna (MIX).

Tonnages transhipped were estimated by independent observer counts as transhipments occurred, multiplied by the average weight per fish as obtained from tonnages and numbers of fish obtained from the LSPLV statistics. The LSPLV statistics were freely available to the observer with every transhipment. Observer estimates for all species were made using this method.

The only exception to this method was made during the final transhipment during which swordfish (*X. gladius*) fillets were transhipped. The swordfish fillets were not declared on the transhipment declaration. The observer decided to use the average mass per dressed swordfish to estimate the swordfish fillet tonnage. This decision was made

because it was clear that the fillets came from larger fish while the smaller fish were transhipped in dressed form. The average mass per fillet used also appeared to be a realistic mass based on the size of the fillets.

7 Southern bluefin tuna transhipments

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

8 LSPLV Checks

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

Table 6 Summary of boarding reports from LSPLVs.

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
20			Yes	19/05/18	Yes	Yes	Yes	Yes	Yes	01/09/18	Yes	Yes	Yes	Yes	Yes	PB	18/05/18
21			Yes	26/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	25/05/18
22			Yes	27/05/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	26/05/18
23			Yes	28/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	26/05/18
24			Yes	31/05/18	Yes	Yes	Yes	Yes	Yes	30/06/18	Yes	Yes	Yes	Yes	Yes	PB	30/05/18
25			Yes	06/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/06/18
26			Yes	07/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	PB	06/06/18

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

Table 7 Comments on LSPLV checks

No	Comments
1	The logbook was completed only up to 23/04/2018. The master of the LSPLV indicated the ship was steaming to the transshipment location.
9	The power light of the ARGOS VMS unit was not on. The captain said that the unit was turned off because the vessel's position could be tracked through Inmarsat-C. Figure 3 VMS unit fitted to the xxx
13	The ATF produced by the xxx was in the old format, but was still in date. Figure 4 ATF on board the xxx

24 | The ATF produced by the xxx was in French and the observer could not determine of the format was relevant or whether the area of operation was defined.

Figure 5 **ATF on board the xxx**

The observer made three (3) Potential Non Compliance (PNC) reports summarised below in Table 10.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			1	LND		
7			2	IIM		
9			3	VNL		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had a managed waste disposal system in place. Garbage was separated and colour coded in five different categories:

- Paper products (Blue)
- Plastic – only to be discharged in port (Yellow)
- Cans and bottles (Green)
- Food waste (Black)
- Other (Red)

Food waste was generally discharged at sea according to the guidelines set out in the MarPol regulations. Colour coded and labelled bins were provided at various locations throughout the ship. Waste was retained on board and discharged according to regulations whenever the vessel made port.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were seen during this voyage.

9.3 Marine mammals.

Table 9 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
09/05/18	09:30	05°56.304'S	21°36.757'W	Common dolphin (<i>Delphinus delphis</i>)	+/- 50	Moving in a North-westerly direction.

10 Submitting Report to the Master

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

Yes	No
X	

Table 10 Non-ROP Transhipments

Vessel	RFMO Number	Date	Latitude	Longitude	Comments	Photo
		18/04/2018	33°55.011'S	18°26.139'E	Bunkering, bait and general cargo	No
		19/04/2018	33°55.011'S	18°26.139'E	Bunkering, bait and general cargo	Yes
		30/04/2018	24°05.099'S	09°25.047'E	Bunkering, bait and general cargo	Yes
		02/05/2018	16°58.518'S	05°58.949'E	Bunkering, bait and general cargo	Yes
		09/05/2018	03°22.113'S	21°49.707'E	Bunkering, bait and general cargo	Yes
		06/06/2018	17°54.721'S	07°17.523'E	Bunkering	Yes

Table 11 Non-ROP Transhipments – fish received in port

Vessel	RFMO Number	Date	Latitude	Longitude	BET	YFT	Total (t)
		18/04/18	33°55.011'S	18°26.139'E	19.383	30.512	49.895
		19/04/18	33°55.011'S	18°26.139'E	14.406	27.075	41.481

The first non-ROP transhipment was already underway as the observer arrived at the vessel for embarkation. It was interrupted due to persistent rain. This is why no photographs were taken of the vessel.

ICCAT

Observer Report



Trip Number:	217
Vessel Name:	Victoria II
ICCAT Ref. No.	AT000LBR00008
Observer Name:	Julio Ocon Rodriguez
Cruise Dates:	From: 30/04/2018 To: 03/06/2018

1 Cruise Summary

In accordance with the bilateral agreement between Navisa Maritime S.A. and MRAG Ltd, Julio Ocon Rodriguez (ROP no.165) joined the Liberia registered Carrier Vessel (CV) Victoria II (RFMO No AT000LBR00008) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 30/04/2018 to 03/06/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Victoria II	Call sign:	D5KD3
Port of registration:	Monrovia, Liberia	Flag State:	Liberia
Owner:	Navisa Maritime S.A.	Charterer:	Toei Reefer Line CO.LTD
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4279 Cub m
Size (GRT):	2717 T	Length (LOA):	91.48 m
Vessel monitoring system (present/absent):	present		
Tuna products already on board (Quantity)	Yes (244.633 T) transhipped in Pacific Ocean.		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Panama
Date of embarkation	30/04/2018
Method of embarkation*	Transfer vessel in port
Date of departure	01/05/2018
Date of first transhipment	11/05/2018
Date of last transhipment	21/05/2018
Date of return	03/06/2018
Date of disembarkation	03/06/2018
Method of disembarkation*	Transfer vessel
Port of return	Panama

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 7 transhipments at sea, the locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

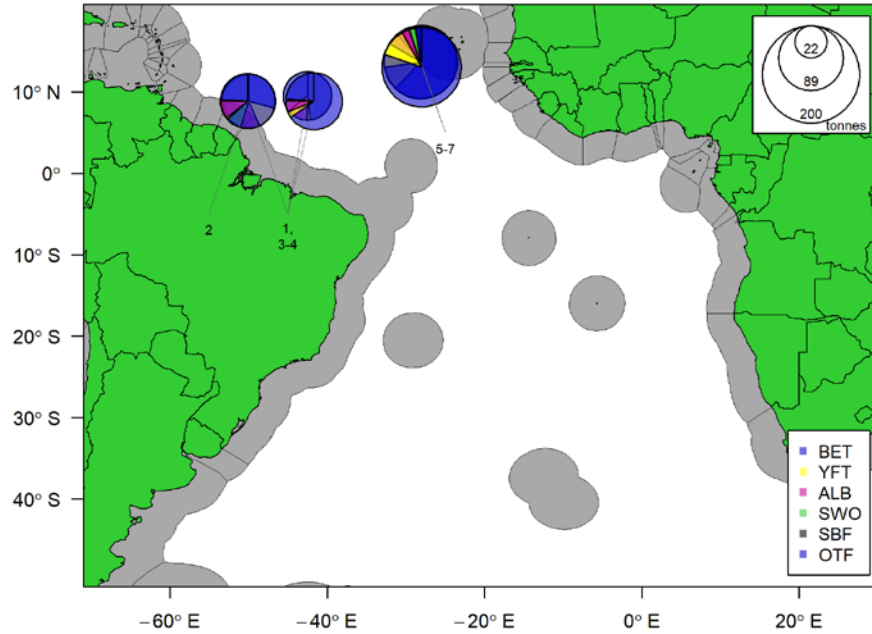


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	4
XXX	3

Comments:

No non ROP transhipment was performed during this voyage.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	11/05/2018	08°51.557 N	049°58.943 W	05:10	100
2				Yes	11/05/2018	08°51.629 N	050°06.4 W	04:25	100
3				Yes	14/05/2018	09°29.655 N	042°30.318 W	06:00	100
4				Yes	15/05/2018	08°49.887 N	041°40.983 W	05:00	100
5				Yes	19/05/2018	13°40.32 N	028°05.122 W	07:20	100
6				Yes	20/05/2018	13°36.861 N	028°07.452 W	07:45	100
7				Yes	21/05/2018	13°00.653 N	028°00.445 W	09:00	100

Comments:

During the deployment all transhipments were monitored and all LSTLVs were inspected.

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	20.6	21.858	10	10.813	19.536	7.309	18.947	26.531	69.083	74.951	5.87	7.83
2	30.03	29.189	1.65	1.239	0	0	29.27	21.661	60.95	60.603	-0.35	-0.57
3	53	54.363	2	2.951	0.224	0.877	22.78	19.716	78.004	83.087	5.08	6.12
4	52	48.876	0.8	0.807	0.35	0.473	20.778	18.738	73.928	77.327	3.40	4.4
5	92.64	85.468	37.52	36.527	4.829	4.959	9.91	2.862	144.899	137.719	-7.18	-5.21
6	106.5	100.161	15.62	14.825	3.76	4.079	16.367	2.951	142.247	137.58	-4.67	-3.39
7	136.85	130.368	19.28	18.745	4.09	4.374	7.57	4.098	167.79	162.158	-5.63	-3.47

Comments:

There was no transshipment with a difference larger than 10% between the vessel and the observed figures (All weights are in T).

6 Species and weight transferred

The vessel contained 244.633 T of tuna products transhipped in Pacific Ocean when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 3, a breakdown by transhipment is shown in Figure 2.

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

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	48100	6.53	46640	6.36
Albacore	<i>Thunnus alalunga</i>	S	15400	2.09	11960	1.63
Atlantic blue marlin	<i>Makaira nigricans</i>	All	8400	1.14	9160	1.25
Atlantic sailfish	<i>Istiophorus albicans</i>	All	5240	0.71	5560	0.76
Bigeye tuna	<i>Thunnus obesus</i>	All	491620	66.71	470280	64.12
Dolphinfish	<i>Coryphaena hippurus</i>	All	4480	0.61	6200	0.85
Oilfish	<i>Ruvettus pretiosus</i>	All	4680	0.63	10790	1.47
Opah	<i>Lampris guttatus</i>	All	3700	0.5	4140	0.56
Pomfret	<i>Brama brama</i>	All	29860	4.05	50500	6.89
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All	0	0	3370	0.46
Striped marlin	<i>Tetrapturus audax</i>	All	780	0.11	760	0.1
Swordfish	<i>Xiphias gladius</i>	N	13250	1.8	14760	2.01
Swordfish	<i>Xiphias gladius</i>	S	19540	2.65	7310	1
West African Spanish mackerel	<i>Scomberomorus tritor</i>	All	4990	0.68	6090	0.83
Yellowfin tuna	<i>Thunnus albacares</i>	All	86870	11.79	85910	11.71

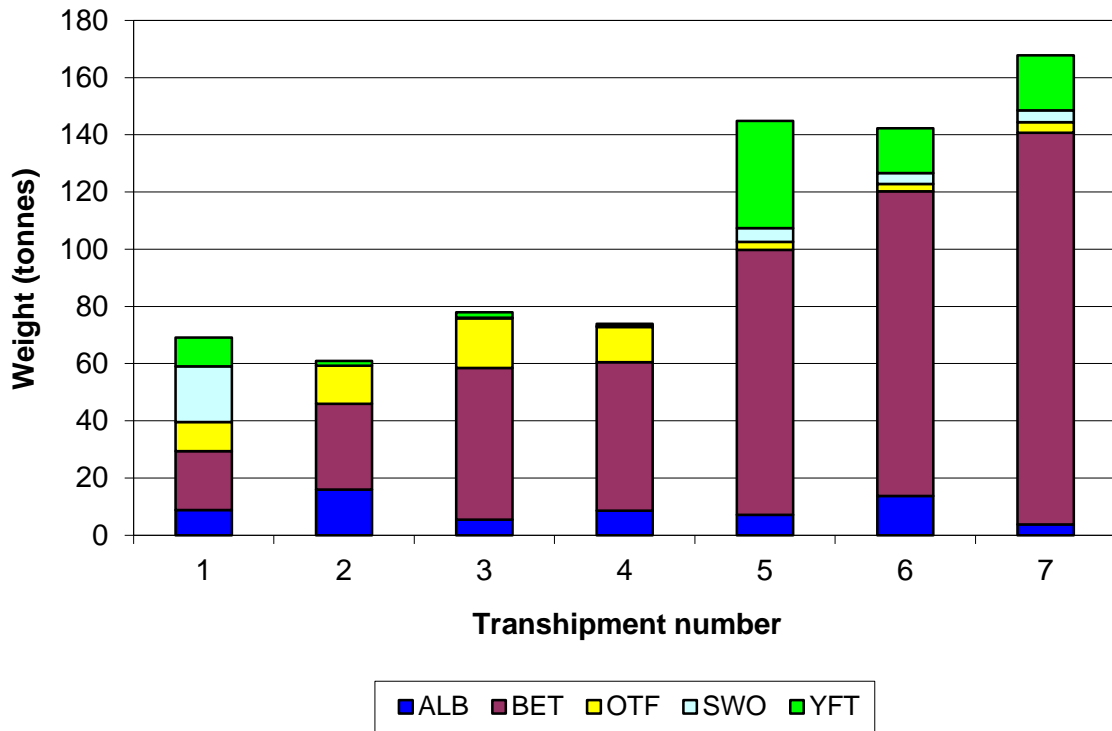


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	21.17
Atlantic blue marlin	<i>Makaira nigricans</i>	92.26
Atlantic sailfish	<i>Istiophorus albicans</i>	18.72
Bigeye tuna	<i>Thunnus obesus</i>	37.48
Dolphinfish	<i>Coryphaena hippurus</i>	5.27
Oilfish	<i>Ruvettus pretiosus</i>	9.97
Opah	<i>Lampris guttatus</i>	10.98
Pomfret	<i>Brama brama</i>	4.69
Striped marlin	<i>Tetrapturus audax</i>	26.03
Swordfish	<i>Xiphias gladius</i>	37.78
West African Spanish mackerel	<i>Scomberomorus tritor</i>	10.44
Yellowfin tuna	<i>Thunnus albacares</i>	44.32

Comments:

All of these species were processed and frozen on board the LSTLV prior to transshipment to the CV.

Species transferred as round weight:

Albacore (*Thunnus alalunga*), Dolphinfish (*Coryphaena hippurus*) and Pomfret (*Brama brama*).

Species transferred as gilled and gutted product:

Bigeye tuna (*Thunnus obesus*) and Yellowfin tuna (*Thunnus albacares*)

Species transferred as dressed weight:

Atlantic blue marlin (*Makaira nigricans*), Atlantic sailfish (*Istiophorus albicans*), Oilfish (*Ruvettus pretiosus*), Opah (*Lampris guttatus*), Striped marlin (*Tetrapturus audax*), Swordfish (*Xiphias gladius*) and West African Spanish mackerel (*Scomberomorus tritor*).

The LSTLV provided total weight to transfer and number of fish of each specie. The observer obtained the average weight for each specie by dividing the LSTLV declared weight by the number of fish of each specie.

The estimated number of fish and the different species were calculated when the fish was transhipped from the LSTLV in strings or nets to the CV. The estimated total weight was calculated by multiplying the average weight of each species by the number of fish observed for that specie. Due to the difficulty in separating *Thunnus obesus* and *Thunnus albacares* during transshipments a combined number was taken and then divided by the same proportion as that declared by the LSTLV.

* In some transshipments the observer had to use his own average weight estimation for some species because just the total weight was provided by the LSTLV or because the average weight for fish observed was really different as the average weight obtained from the Transshipment Declaration.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	26/04/2018
2			Yes	11/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	05/05/2018
3			Yes	14/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	03/05/2018
4			Yes	15/05/18	Yes	Yes	Yes	Yes	Yes	31/03/19	Yes	Yes	Yes	Yes	Yes	PB	14/05/2018
5			Yes	19/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	18/05/2018
6			Yes	20/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	17/05/2018
7			Yes	21/05/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	17/05/2018

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

Comments.

The observer was accompanied during every inspection by the CV captain.

Table 9 **Comments on LSPLV checks**

No	Comments
05) xxx	Name on bow partially worn away. Figure 3 The name on bow was hard to read because it was partially worn away.
07) xxx	Name on stern obscured by rust. Figure 4 The name on stern was hard to read because it was obscured by rust.

The observer did not submit any Potential Non Compliance (PNC) reports, Table 10.

Table 10 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had posters around all the ship to inform about Marpol regulations. There were separate containers for organic and inorganic waste and also for glass and cans, which were retained to be discharged once arrived at port.



Figure 5: A waste disposal point onboard Victoria II.

In addition a barrel was used as incinerator to burn cardboard, paper and some plastic.



Figure 6: Burning some plastic in the incinerator.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the cruise.

9.3 Marine mammals.

No marine mammals were sighted during the cruise.

10 Health and Safety on board the CV

Nothing to report at this point.

11 Submitting Report to the Master

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

Yes	No
X	

ICCAT

Observer Report



Trip Number:	218/18
Vessel Name:	Ibuki
ICCAT Ref. No.	AT000PAN00163
Observer Name:	James Woodruff
Cruise Dates:	From: 27/05/2018 To: 24/07/2018

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and MRAG Ltd., James *Woodruff* (ROP no. 160) joined the Panama registered Carrier Vessel (CV) *Ibuki* (AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 27/05/2018 to 24/07/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Ibuki	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,902 MT
Size (GRT):	6,558 MT	Length (LOA):	134.15m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	181.480 MT		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	27/05/2018
Method of embarkation*	Portside
Date of departure	27/05/2018
Date of first transshipment	29/05/2018
Date of last transshipment	21/07/2018
Date of return	24/07/2018
Date of disembarkation	02/08/2018
Method of disembarkation*	Portside
Port of return	Port Louis, Mauritius

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

The observer crossed into IOTC waters on 24th July 2018.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 47 transhipments at sea. The locations are shown in detail in (Figure 1).

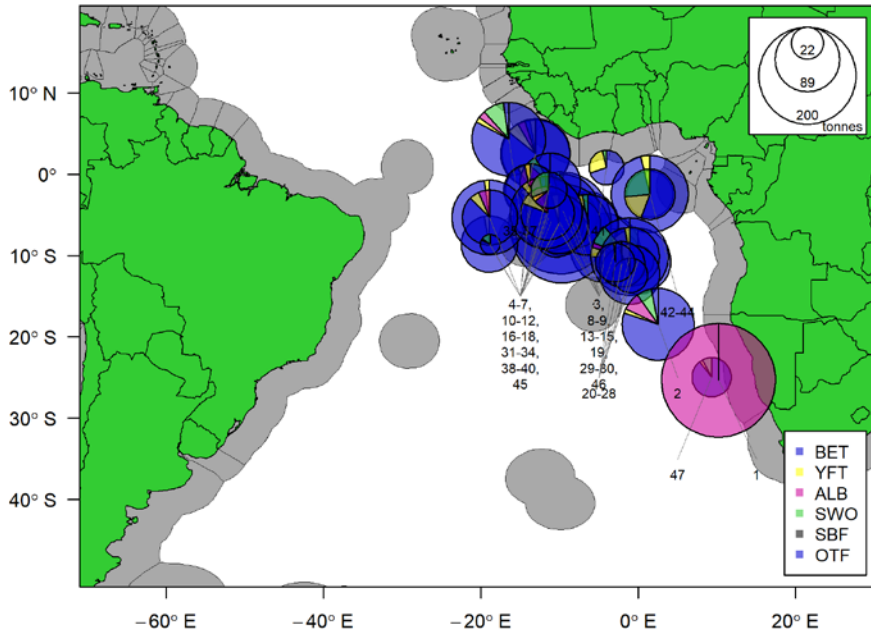


Figure 1 Location of transhipments

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	20
XXX	18
XXX	2
XXX	6
XXX	1

Comments:

No non ROP transhipments were performed during the deployment.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	29/05/2018	25°19.418 S	010°11.225 E	01:35	100
2				Yes	31/05/2018	18°27.082 S	002°30.829 E	03:55	100
3				Yes	03/06/2018	09°04.504 S	004°13.878 W	04:15	100
4				Yes	06/06/2018	01°07.972 S	011°11.465 W	06:00	100
5				Yes	07/06/2018	02°04.564 S	013°28.755 W	06:30	100
6				Yes	07/06/2018	01°57.178 S	013°45.196 W	03:10	100
7				Yes	09/06/2018	05°49.67 S	011°05.56 W	09:15	100
8				Yes	10/06/2018	04°28.276 S	009°34.771 W	02:05	100
9				Yes	11/06/2018	05°58.444 S	009°56.606 W	01:55	100
10				Yes	11/06/2018	05°53.868 S	010°00.39 W	03:10	100
11				Yes	12/06/2018	05°22.184 S	011°24.661 W	07:05	100
12				Yes	13/06/2018	07°37.509 S	010°23.815 W	01:50	100
13				Yes	14/06/2018	07°16.342 S	009°44.697 W	01:40	100
14				Yes	14/06/2018	07°13.386 S	009°51.058 W	03:10	100
15				Yes	15/06/2018	06°00.747 S	007°51.817 W	02:10	100
16				Yes	16/06/2018	04°46.869 S	011°32.631 W	02:30	100
17				Yes	16/06/2018	04°42.646 S	011°42.141 W	01:15	100
18				Yes	17/06/2018	04°49.459 S	011°28.125 W	01:20	100
19				Yes	19/06/2018	09°45.72 S	003°02.21 W	02:50	100
20				Yes	20/06/2018	10°50.712 S	002°56.227 W	05:00	100
21				Yes	21/06/2018	10°07.942 S	001°03.185 W	03:15	100
22				Yes	21/06/2018	10°06.814 S	001°06.27 W	03:25	100
23				Yes	22/06/2018	10°42.471 S	000°01.551 W	02:25	100
24				Yes	22/06/2018	10°40.352 S	000°03.422 W	01:50	100
25				Yes	23/06/2018	12°25.856 S	001°00.683 W	02:50	100
26				Yes	23/06/2018	12°19.659 S	001°03.879 W	05:45	100
27				Yes	24/06/2018	11°04.291 S	002°03.774 W	03:40	100
28				Yes	24/06/2018	10°58.825 S	002°10.038 W	04:35	100
29				Yes	26/06/2018	06°11.82 S	006°25.655 W	02:55	100
30				Yes	26/06/2018	06°04.044 S	006°33.213 W	03:15	100

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transshipment time	% Observed
31				Yes	29/06/2018	05°19.291 S	018°51.169 W	00:30	100
32				Yes	29/06/2018	05°18.14 S	018°56.61 W	01:00	100
33				Yes	30/06/2018	08°36.752 S	018°48.88 W	01:30	100
34				Yes	30/06/2018	08°34.841 S	018°55.291 W	05:25	100
35				Yes	03/07/2018	02°30.848 N	013°01.623 W	01:40	100
36				Yes	03/07/2018	02°33.842 N	013°03.886 W	03:20	100
37				Yes	04/07/2018	04°20.495 N	016°27.539 W	05:10	100
38				Yes	07/07/2018	06°07.272 S	010°05.627 W	00:40	100
39				Yes	07/07/2018	06°06.766 S	010°06.682 W	01:10	100
40				Yes	07/07/2018	06°06.19 S	010°08.013 W	03:15	100
41				Yes	09/07/2018	00°50.264 N	004°02.008 W	02:25	100
42				Yes	11/07/2018	02°27.368 S	001°28.051 E	01:20	100
43				Yes	11/07/2018	02°26.433 S	001°27.685 E	00:50	100
44				Yes	11/07/2018	02°24.901 S	001°27.176 E	01:30	100
45				Yes	14/07/2018	01°57.679 S	011°20.696 W	06:00	100
46				Yes	15/07/2018	05°06.791 S	008°46.88 W	01:00	100
47				Yes	21/07/2018	24°57.075 S	009°18.732 E	13:00	100

Comments:

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

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	15,304	15,159	5,775	5,733	0,903	0,86	0	0	21,982	21,752	-230	-1.06
2	80,084	80,405	2,39	2,39	0	0	0	0	82,474	82,795	321	0.39
3	67,041	74,215	4,421	4,888	0	0	9,9925	4,376	81,4545	86,601	5,147	5.94
4	75,904	80,47	2,036	2,152	7,976	9,054	5,295	2,266	91,211	97,291	6,080	6.25
5	60,465	65,648	2,635	2,874	7,534	9,019	8,89	3,258	79,524	86,144	6,620	7.68
6	65,884	69,72	1,815	1,91	0	0	2,023	0	69,722	73,723	4,001	5.43
7	137,412	145,108	5,446	5,775	33,142	36,982	0	0	176	187,865	11,865	6.32
8	37,605	37,934	4,685	4,732	0	0	0	0	42,29	42,666	376	0.88
9	49,944	50,758	0,844	0,844	0	0	0	0	50,788	51,602	814	1.58
10	82,437	88,9	2,017	2,2	2,9	2,9	0	0	87,354	94	6,646	7.07
11	125,961	128,436	12,448	12,691	33,427	34,372	0	0	171,836	175,499	3,663	2.09
12	33,995	35,969	0,38	0,418	0	0	0	0	34,375	36,387	2,012	5.53
13	35,187	36,891	3,586	3,783	1,361	1,663	0	0	40,134	42,337	2,203	5.20
14	56,327	60	4,102	4,351	1,752	1,947	0	0	62,181	66,298	4,117	6.21
15	44,54	47,56	1,589	1,675	2,352	2,962	0	0	48,481	52,197	3,716	7.12
16	31,378	30,084	1,822	1,729	3,727	3,383	0	0	36,927	35,196	-1,731	-4.92
17	24,507	23,393	0,816	0,765	3,542	3,732	0	0	28,865	27,89	-975	-3.50
18	30,066	29,846	1,486	1,486	0	0	0	0	31,552	31,332	-220	-0.70
19	42,423	44,547	1,407	1,47	2,068	3,282	14,536	5,634	60,434	66,468	6,034	9.08
20	66,152	74,221	2,856	3,209	0	0	17,747	3,877	86,755	86,901	146	0.17
21	46,598	48,011	1,644	1,679	0	0	0	0	48,242	49,69	1,448	2.91
22	53,954	58,177	1,978	2,14	0	0	0	0	55,932	60,317	4,385	7.27
23	51,499	55,286	1,646	1,758	0	0	0	0	53,145	57,044	3,899	6.84
24	40,795	43,094	1,8	1,92	0	0	0	0	42,595	45,014	2,419	5.37
25	56,141	58,884	2,451	2,553	0	0	0	0	58,592	61,437	2,845	4.63
26	96,053	98,456	2,134	2,193	0	0	0	0	98,187	100,649	2,462	2.45
27	57,321	60,844	2,309	2,436	0	0	0	0	59,63	63,28	3,650	5.77
28	80,779	82,602	2,621	2,678	0	0	8,464	2,719	91,864	93,594	1,730	1.85
29	45,846	47,883	3,045	3,171	0	0	3,161	0	52,052	54,738	2,686	4.91
30	40,208	41,805	3,053	3,158	0	0	5,597	0	48,858	51,568	2,710	5.26

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
31	6,363	5,773	0,146	0,146	0,724	1,093	0	0	7,233	7,012	-221	-3.15
32	14,616	14,985	0,945	0,984	7,543	7,3	0	0	23,104	23,269	165	0.71
33	38,092	37,5	1,5	1,5	0	0	0	0	39,592	39	-592	-1.52
34	107,796	103,051	4,219	4,023	0	0	0	0	112,015	107,074	-4,941	-4.61
35	25,327	25,427	8,113	8,165	12,397	12,159	0	0	45,837	45,751	-86	-0.19
36	62,636	63,408	8,97	9,063	5,3	5,36	0	0	76,906	77,831	925	1.19
37	77,616	80,733	4,191	4,362	8,733	8,733	16,306	11,954	106,846	107,901	1,055	0.98
38	15,786	16,161	0,857	0,886	0	0	0	0	16,643	17,047	404	2.37
39	30,556	31,321	0,792	0,792	4,829	4,134	0	0	36,177	36,247	70	0.19
40	55,882	60,51	1,715	1,857	0	0	0	0	57,597	62,367	4,770	7.65
41	58,143	60	3,862	4	0	0	0	0	62,005	64	1,995	3.12
42	35,421	37,37	0,206	0,206	0	0	0	0	35,627	37,576	1,949	5.19
43	20,647	20,983	0,522	0,522	0	0	0	0	21,169	21,505	336	1.56
44	26,016	27	0,385	0,385	0	0	0	0	26,401	27,385	984	3.59
45	72,9	74,606	1,875	1,906	6,096	6,389	8,956	2,801	89,827	93,142	3,315	3.56
46	23,945	24,818	0,699	0,699	2,176	2,176	0	0	26,82	27,693	873	3.15
47	0	0	0	0	0	0	209,454	0	209,454	233,143	23,689	10.16

Comments:

During the deployment products were transferred by two methods. When the primary method was used, strings were removed from the hold of the LSPLV by winch. They were then laid on deck ready for transfer to the CV. The second method involved strings being directly transferred from the hold of the LSPLV to the hold of the CV. Products were not first laid on deck when this method was used.

Although the products were laid on the deck of the LSTLV in transshipment 47 a 10.16% difference was still observed. This may be explained by consistently large strings decreasing accuracy of counts. It is also possible that stings were missed during this long transshipment which lasted 13 hours.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	N	2,179	0.07	2,555	0.08
Albacore	<i>Thunnus alalunga</i>	S	216,033	7.23	240,877	7.74
Albacore	<i>Thunnus alalunga</i>	Unk	37,289	1.25	46,192	1.49
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	41,998	1.41	23,832	0.77
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	1,347	0.05	0,556	0.02
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	1,222	0.04	1,416	0.05
Bigeye tuna	<i>Thunnus obesus</i>	All	2403,552	80.48	2497,952	80.31
Oilfish	<i>Ruvettus pretiosus</i>	All	8,278	0.28	8,661	0.28
Opah	<i>Lampris guttatus</i>	All	2,076	0.07	2,420	0.08
Swordfish	<i>Xiphias gladius</i>	N	40,308	1.35	42,405	1.36
Swordfish	<i>Xiphias gladius</i>	S	108,174	3.62	115,095	3.70
Yellowfin tuna	<i>Thunnus albacares</i>	All	124,234	4.16	128,257	4.12

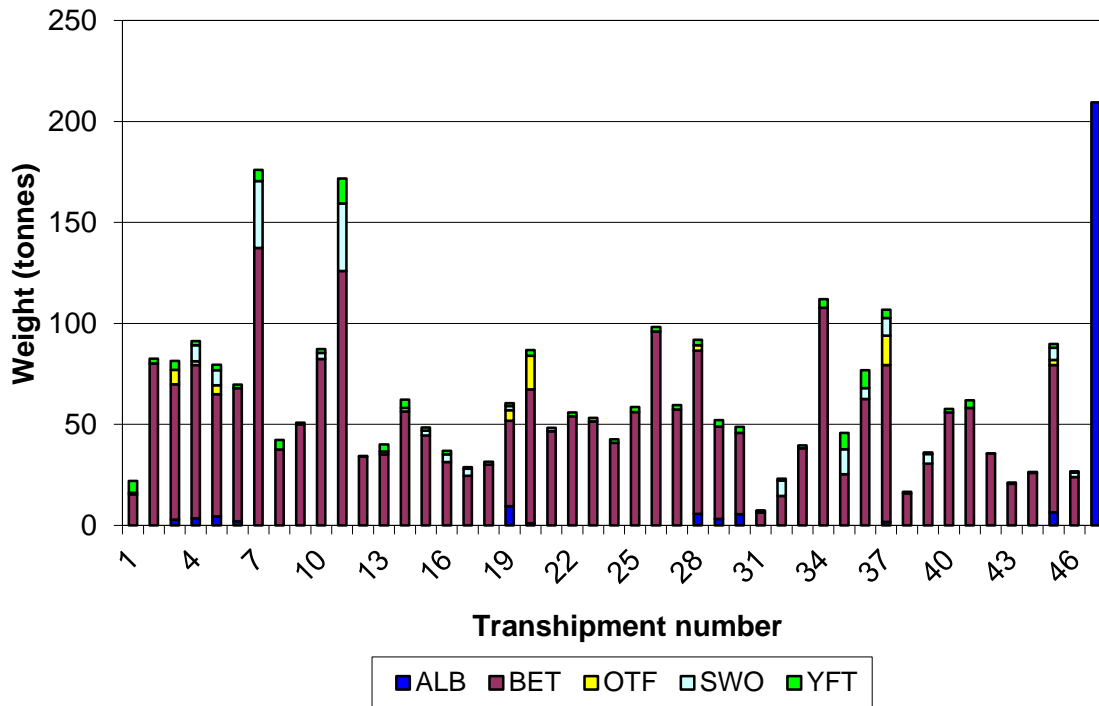


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	15.52
Atlantic blue marlin	<i>Makaira nigricans</i>	89.93
Atlantic sailfish	<i>Istiophorus albicans</i>	53.88
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	17.97
Bigeye tuna	<i>Thunnus obesus</i>	38.85
Oilfish	<i>Ruvettus pretiosus</i>	19.07
Opah	<i>Lampris guttatus</i>	14.83
Swordfish	<i>Xiphias gladius</i>	53.07
Yellowfin tuna	<i>Thunnus albacares</i>	36.27

Comments:

Products transhipped

The main species transferred were bigeye tuna (*Thunnus obesus*) (2,497.952T), albacore (*Thunnus alalunga*) (246.742T) and swordfish (*Xiphias gladius*) (157.500T) (Table 4.). Over 80% (233.143T) of the albacore transferred was in transshipment 47 (Figure 2). Yellowfin tuna (*Thunnus albacares*) was transferred during every transshipment, however quantities tended to be small, approximately 5% that of bigeye tuna on average. 23.832T of Atlantic blue marlin (*Makaira nigricans*) was transferred over six transshipments. Other species including, Oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*) and Atlantic Spanish mackerel (*Scomberomorus maculatus*) were also transferred in smaller quantities (Table 4.). All transshipments of these species were carried out by China P. R. flagged vessels.

The largest products transferred were billfishes such Atlantic blue marlin and swordfish with average Dressed Weights (DWT) of 89.93kg and 53.07kg respectively (Table 5). The smallest product transferred were opah with an average DWT of 14.83kg. The most transhipped product, yellowfin tuna, had an average weight of 38.85kg.

Bigeye and yellowfin tuna products were transferred Gilled and Guttled (GG). Albacore were transferred as Rounded Weight (RD) products. All other products were transferred Dressed (DR) with head, tail and fins removed.

When stocks could be determined, it was found that the majority of swordfish (73%) and almost all the albacore (99%) transferred were from the southern stocks (Table 4). Unfortunately, it was not possible to determine stocks for all transshipments due to difficulty in communication.

Weight and quantity estimations

No hook scale was present on the CV to determine string weights. Therefore, estimates were derived from the average weights of the declared values.

To distinguish between bigeye and Yellowfin tuna, observations of the fleshy protrusion at the posterior end of the stomach cavity were made when possible. However, this method was found to be impracticable to carry out identifications at the required rate. Therefore, in most cases the proportion of yellowfin tuna in the observed figures was estimated based on the proportion of yellowfin tuna in the declared figures. The number of yellowfin tuna was divided by total number of bigeye and yellowfin tuna declared by the LSTLV. The resulting number was multiplied by the total product counted. It was believed that this method resulted in more realistic estimates for yellowfin tuna and allowed greater focus to be maintained on count accuracy.

In the case of swordfish and albacore this method was also used to determine the proportion of observed product belonging to each stock.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

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

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

Comments.

Table 9 Comments on LSPLV checks

No	Comments
1	<p>XXX No clear ATT provided and PNC issued. Reply from the Ministry of Agriculture, Forestry, XXX stated ATT was present as a subsection of the TD for XXX vessels (Figure 3).</p> <p>Figure 3 TD of XXX indicating location of ATT</p>
6	<p>XXX Logbook pages not numbered (Figure 4) and PNC issued.</p> <p>Figure 4 Logbook of XXX with pages not numbered</p>
11	<p>XXX Logbook not bound and PNC issued. Logbook pages loose and held together in file (Figure 5, Figure 6).</p> <p>Figure 5 Unbound logbook of XXX Figure 6 Unbound logbook of XXX</p>
20	<p>XXX The letters 'NG' in FENG worn and not legible from distance (Figure 7). The Captain of the LSTLV stated the name would be repainted as soon as possible.</p> <p>Figure 7 Worn name markings on bow of Jin XXX</p>

25	<p>XXX Pages of logbook not numbered (Figure 8) and PNC issued.</p> <p>Figure 8 Logbook of Long Xing 625 with pages not numbered</p>
27	<p>XXX Pages of logbook not numbered (Figure 9, Figure 10) and PNC issued. Paper copy of ATF not available but it was observed on computer screen.</p> <p>Figure 9 Logbook of XXX with pages not numbered Figure 10 Logbook of XXX with pages not numbered</p>
29	<p>XXX Characters 'SP8' in callsign on port side worn but legible (Figure 11). No identifiable VMS unit was shown to the observer on the vessel, although a possible VMS aerial was seen on top of the bridge (Figure 12).</p> <p>Figure 11 Partially worn callsign on XXX Figure 12 Possible VMS aerial on XXX</p>
32	<p>XXX Logbook pages not numbered (Figure 13, Figure 14). PNC was not issued as this was overlooked. Authorised area of operations unclear and stated as (25/30/50) (Figure 15). ATT valid for one more day (expires 30/06/2018) (Figure 16).</p> <p>Figure 13 Logbook of XXX with pages not numbered Figure 14 Logbook of XXX with pages not numbered</p> <p>Figure 15 ATF of XXX showing unclear area of operations Figure 16 ATF of XXX showing expiry date one day from date of inspection</p>

35	XXX Authorised area of operations unclear and stated as 'ZEE RCL AU DELA DE DOUZE (12) MILLES MARIN' (Figure 17). Figure 17 ATF of XXX showing unclear area of operations
36	XXX Authorised area of operations unclear and stated as 'ZEE RCL AU DELA DE DOUZE (12) MILLES MARIN' (Figure 18). Figure 18 ATF of E XXX showing unclear area of operations
46	XXX Logbook not bound, PNC previously issued (02/06/2018).

The observer made 6 Potential Non-Compliance (PNC) reports summarised below in Table 10. PNC 21801 has been subsequently explained by the CPC and can be considered to be rescinded. In addition, for transshipment 2 (XXX) a PNC for unnumbered logbook pages was not issued as the observer realised the issue subsequently.

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
1			21801	DNP		
6			21806	LNN		
11			21811	LNB		
20			21820	IIM		
25			21825	LNN		
27			21827	LNN		
29			21829	IIM		
32			21832	LNN		

9 Other Observer Tasks.

9.1 CV waste disposal



Figure 19 Waste disposal mitigation measures M/V Ibuki.

Waste was stored on the starboard side, aft, for shore disposal. Waste storage facilities can be seen in Figure 20.

9.2 Unidentified or IUU vessels

No IUU activities were observed during the deployment.

9.3 Marine mammals.

No marine mammals were sighted during the deployment.

10 Health and Safety on board the CV

No Health and Safety concerns were observed.

11 Submitting Report to the Master

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

Yes	No
X	

ICCAT

Observer Report



Trip Number:	219-18
Vessel Name:	MV Taisei Maru No15
ICCAT Ref. No.	IOTC008465
Observer Name:	Robert Cooper
Cruise Dates:	From: 12/06/2018 To: 09/08/2018

1 Cruise Summary

In accordance with the bilateral agreement between (Transshipment Vessel company name) and Capricorn Fisheries Monitoring, Robert Cooper (ROP No 147) joined the Japan registered Carrier Vessel (CV) Taisei Maru No15 (RFMO No 8465) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 12/06/2018 to 09/08/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	MV Taisei Maru No15	Call sign:	7JTK
Port of registration:	Ise	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	6335.7 m³
Size (GRT):	4969 ton	Length (LOA):	124.25m
On-board acoustic equipment:	JRC JFE 570S		
Position fixing equipment:	2 x JRC JLR-7700MKII		
Vessel monitoring system (present/absent):	Present		
Radar:	1x JMA-9833SA / 1 x JMA-7700 Series		
Communications equipment:	MF/HF: JRC JSS-800 2 x VHF: JRC JHS-32A		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	None		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	12/06/2018
Method of embarkation*	Portside
Date of departure	12/06/2018
Date of first transshipment	18/06/2018
Date of last transshipment	06/08/2018
Date of return	09/08/2018
Date of disembarkation	09/08/2018
Method of disembarkation*	Portside
Port of return	Cape Town

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

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel made a total of 45 transshipments at sea, the locations are shown in detail in

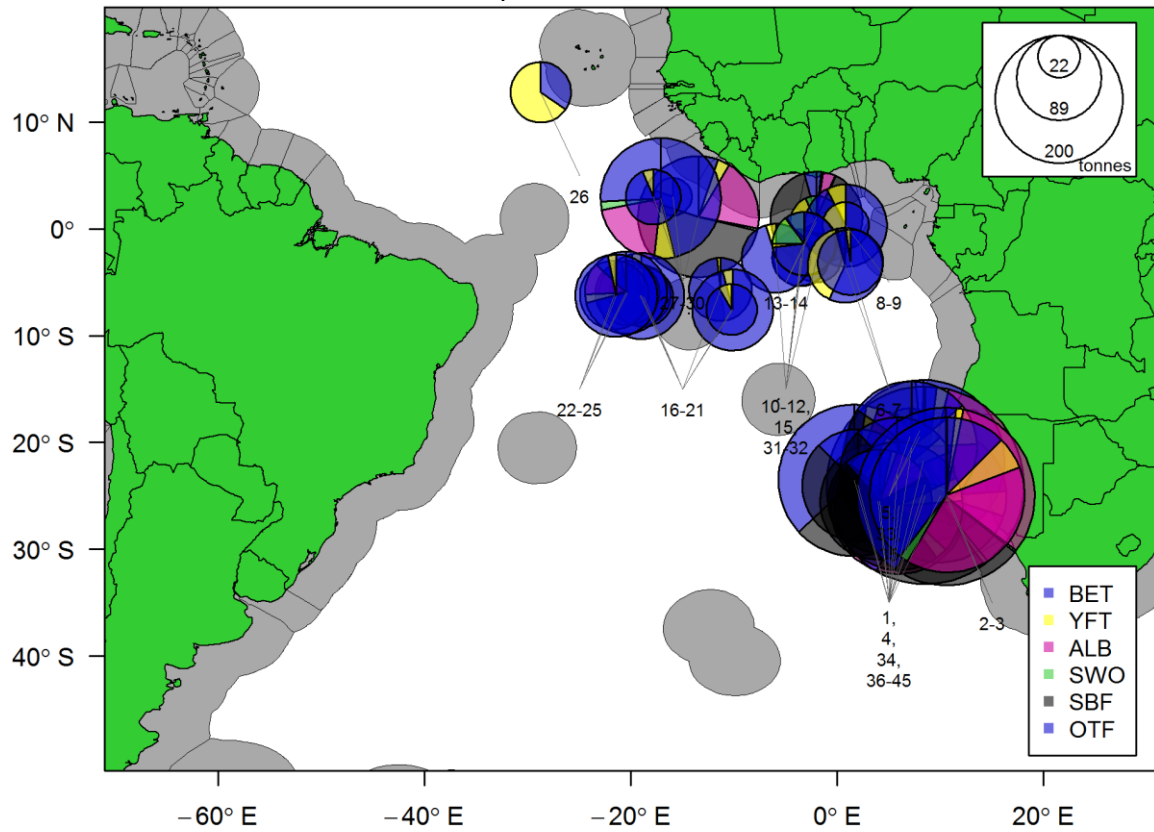


Figure 1. The numbers received by nationality of vessel are given in Table 1.

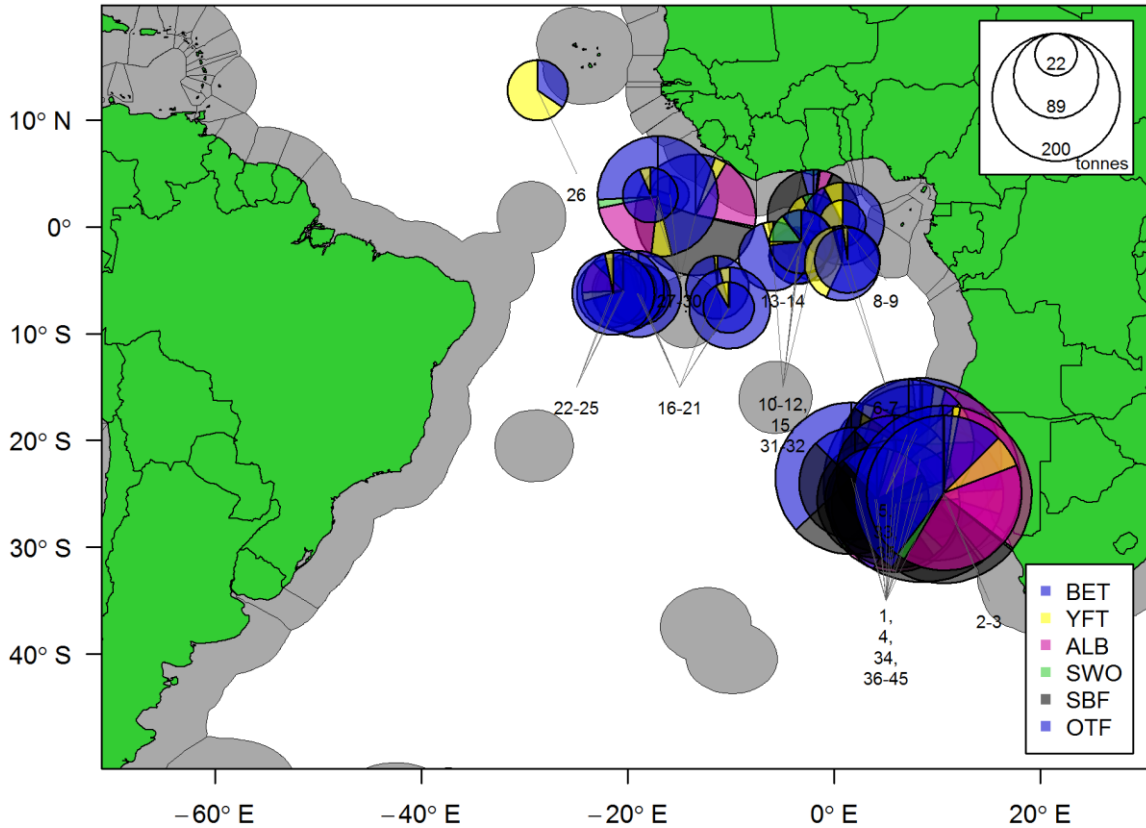


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	1
	25
	18

Comments: 18 non ROP transhipments were undertaken and are recorded in Table 12. It should be noted that the LSPLV Shun An No.6 was scheduled as a ROP transhipment and commenced accordingly. The transhipment of fish products was aborted by the CV when a noticeable smell of diesel was detected emanating from the product and reported to the captain of the CV. The entire consignment was deemed contaminated and all 8450 kilograms of product thus far transhipped was returned to the LSPLV. Thereafter the LSPLV took on fuel from the CV. The transhipment was therefore recorded as a non ROP.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				18/06/2018	24°59.77 S	008°30.03 E	Yes	02:55	100.00%
2				19/06/2018	25°02.5 S	010°31.09 E	Yes	01:09	100.00%
3				19/06/2018	24°54.29 S	010°38.82 E	Yes	00:45	100.00%
4				20/06/2018	21°43.26 S	008°20.2 E	Yes	05:29	100.00%
5				22/06/2018	18°51.96 S	007°59.32 E	Yes	04:16	100.00%
6				25/06/2018	03°24.42 S	000°44.65 E	Yes	01:28	100.00%
7				25/06/2018	03°07.18 S	001°15.99 E	Yes	03:04	100.00%
8				26/06/2018	00°18.64 N	000°50.24 E	Yes	00:50	100.00%
9				26/06/2018	00°19.85 N	000°49.22 E	Yes	01:42	100.00%
10				27/06/2018	02°42.016 S	001°59.447 W	Yes	01:02	100.00%
11				28/06/2018	02°46.593 S	003°31.519 W	Yes	01:38	100.00%
12				28/06/2018	02°41.207 S	003°35.355 W	Yes	01:11	100.00%
13				29/06/2018	01°02.63 N	002°01.07 W	Yes	01:29	100.00%
14				30/06/2018	00°38.55 N	002°03.11 W	Yes	01:42	100.00%
15				01/07/2018	02°44.81 S	005°56.753 W	Yes	01:53	100.00%
16				02/07/2018	05°39.94 S	011°20.117 W	Yes	01:40	100.00%
17				03/07/2018	07°35.404 S	010°07.87 W	Yes	01:51	100.00%
18				03/07/2018	07°33.235 S	010°13.981 W	Yes	02:17	100.00%
19				05/07/2018	06°22.799 S	018°47.157 W	Yes	01:52	100.00%
20				05/07/2018	06°16.871 S	018°59.526 W	Yes	00:58	100.00%
21				05/07/2018	06°13.586 S	019°08.028 W	Yes	01:06	100.00%
22				06/07/2018	06°00.781 S	020°20.741 W	Yes	02:04	100.00%
23				06/07/2018	05°57.873 S	020°29.201 W	Yes	01:20	100.00%
24				07/07/2018	06°15.306 S	021°24.989 W	Yes	03:14	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
25				07/07/2018	06°11.135 S	021°36.909 W	Yes	02:32	100.00%
26				14/07/2018	12°47.028 N	028°43.821 W	Yes	02:12	100.00%
27				17/07/2018	02°50.928 N	017°06.252 W	Yes	01:31	100.00%
28				17/07/2018	02°58.996 N	017°50.177 W	Yes	00:50	100.00%
29				18/07/2018	02°59.884 N	015°55.859 W	Yes	00:38	100.00%
30				19/07/2018	01°07.482 N	013°28.066 W	Yes	00:20	100.00%
31				21/07/2018	01°24.213 S	003°10.884 W	Yes	00:28	100.00%
32				21/07/2018	01°23.302 S	003°13.301 W	Yes	00:47	100.00%
33				25/07/2018	19°28.8 S	007°01.01 E	Yes	05:19	100.00%
34				26/07/2018	20°24.604 S	007°10.718 E	Yes	10:02	100.00%
35				27/07/2018	19°28.927 S	007°57.511 E	Yes	05:41	100.00%
36				29/07/2018	23°59.746 S	002°00.4 E	Yes	11:49	100.00%
37				30/07/2018	23°32.055 S	001°38.102 E	Yes	05:36	100.00%
38				31/07/2018	23°01.109 S	005°45.385 E	Yes	06:27	100.00%
39				02/08/2018	25°30.416 S	003°58.028 E	Yes	04:12	100.00%
40				02/08/2018	25°29.94 S	004°08.189 E	Yes	05:24	100.00%
41				03/08/2018	25°59.344 S	004°59.211 E	Yes	03:59	100.00%
42				04/08/2018	25°58.374 e	005°55.725 E	Yes	04:41	100.00%
43				04/08/2018	25°56.717 S	005°56.681 E	Yes	02:54	100.00%
44				05/08/2018	25°01.317 S	009°58.545 E	Yes	09:40	100.00%
45				06/08/2018	23°59.612 S	008°31.077 E	Yes	06:42	100.00%

Comments: Transshipments of fish products for all 45 transshipments were observed 100%. There were no interruptions.

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	1.083	0	0.436	0.36	0.27	3.526	2.925	53.079	64.112	11.03	17.21%
2	0	14.145	0	5.585	1.415	1.47	18.923	0	20.338	21.2	0.86	4.07%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
3	0	9.055	0	2.205	0	0	10.609	0	10.609	11.26	0.65	5.78%
4	0	6.071	0	3.77	0.922	0.728	31.103	23.098	89.99	93.039	3.05	3.28%
5	0	52.912	0	6.402	3.684	2.752	75.537	29.593	79.221	91.659	12.44	13.57%
6	0	22.432	0	1.491	0	0	24.63	0	24.63	23.923	-0.71	-2.96%
7	0	49.343	0	4.126	0	0	53.075	0	53.075	53.469	0.39	0.74%
8	0	9.732	0	7.127	0	0	16.964	0	16.964	16.859	-0.11	-0.62%
9	0	10.001	0	18.889	0	0	28.693	0	28.693	28.89	0.20	0.68%
10	0	18.08	0	1.01	0	0	18.59	0	18.59	19.09	0.50	2.62%
11	0	23.413	0	0.79	0	0	26.162	0	26.162	24.203	-1.96	-8.09%
12	0	24.24	0	0.845	0	0	23.941	0	23.941	25.085	1.14	4.56%
13	0	11.6	0	17.4	3.6	3.1	28.891	0	32.491	32.1	-0.39	-1.22%
14	0	35.563	0	1.8	0	0	36.129	0	36.129	37.363	1.23	3.30%
15	0	23.008	0	0.549	4.523	4.72	26.025	3.17	30.548	31.447	0.90	2.86%
16	0	30.737	0	0.567	0	0	28.82	0	28.82	31.304	2.48	7.94%
17	0	49.656	0	2.189	0	0	49.34	0	49.34	51.845	2.51	4.83%
18	0	56.095	0	2.214	0	0	56.23	0	56.23	58.309	2.08	3.57%
19	0	27.95	0	1.35	0	0	27.114	0	27.114	29.3	2.19	7.46%
20	0	18.762	0	1.722	0	0	20.73	0	20.73	20.484	-0.25	-1.20%
21	0	26.999	0	1.046	0	0	26.966	0	26.966	28.045	1.08	3.85%
22	0	31.556	0	0.906	0	0	31.707	0	31.707	32.462	0.76	2.33%
23	0	36.532	0	0.77	0	0	36.866	0	36.866	37.302	0.44	1.17%
24	38.316	37.9	1.7	1.7	0	0	7.08	6.9	47.096	46.5	-0.60	-1.28%
25	0	51.765	0	1.755	0	0	51.501	0	51.501	53.52	2.02	3.77%
26	0	25.12	0	17.178	0.191	0.191	43.296	1.539	43.487	44.028	0.54	1.23%
27	0	33	0	0.8	0	0	33.24	0	33.24	33.8	0.56	1.66%
28	0	23.968	0	2.132	0	0	17.508	0	17.508	26.1	8.59	32.92%
29	0	14.709	0	2.959	0	0	18.055	0	18.055	17.668	-0.39	-2.19%
30	0	7.4	0	2.4	0	0	9.743	0	9.743	9.8	0.06	0.58%
31	0	9.623	0	1.608	0	0	10.937	0	10.937	11.231	0.29	2.62%
32	0	9.351	0	4.9	0	0	14.53	0	14.53	14.251	-0.28	-1.96%
33	0	35.032	0	8.505	2.353	1.693	87.163	50.98	89.516	96.21	6.69	6.96%
34	0	107.251	0	10.733	4.725	2.557	199.116	3.273	203.841	207.182	3.34	1.61%
35	0	33.088	0	8.407	6.082	3.336	83.083	47.788	89.165	92.619	3.45	3.73%
36	0	5.581	0	6.174	2.404	2.404	179.396	128.807	181.8	199.732	17.93	8.98%
37	0	4.771	0	4.438	1.008	1.218	120.942	66.976	121.95	134.362	12.41	9.24%
38	0	19.187	0	13.88	3.29	2.069	111.62	21.104	114.91	115.924	1.01	0.87%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
39	0	15.656	0	4.422	2.886	1.669	92.876	13.713	95.762	95.437	-0.33	-0.34%
40	0	8.458	0	5.461	3.97	1.857	85.481	12.242	89.451	88.021	-1.43	-1.62%
41	0	14.387	0	4.9	2.796	1.502	88.399	12.269	91.195	93.148	1.95	2.10%
42	0	22.969	0	7.849	3.933	3.933	101.488	17.673	105.421	112.685	7.26	6.45%
43	0	3.041	0	1.495	0.498	0.498	73.135	9.818	73.633	74.893	1.26	1.68%
44	0	4.504	0	3.383	1.077	1.077	165.226	100.353	166.303	168.647	2.34	1.39%
45	0	23.336	0	13.027	5.548	3.348	102.372	75.107	107.92	114.818	6.90	6.01%

Comments: Transhipments 1, 5 and 28 all exceed 10% difference between the observed weight and the declared weight. Transhipment 1 was most likely due to the observer being out of practice.

In Transhipment 5 the smaller big eye tuna (*Thunnus obesus*) and yellow fin tuna (*Thunnus albacares*) specimens were masked by the large numbers of albacore (*Thunnus alalunga*) in the strings and was therefore very difficult to count.

The discrepancy for Transhipment 28 was a result of the difference in the declaration amount between the LSPLV document and the Transhipment Declaration (TD). The LSPLV declared on inspection an amount of 17.299 tons to be transhipped from a total of 26.802 tons on board. The TD declared the amount of 26.802 tons as the amount transhipped. This discrepancy was queried by the observer at the time of signing of the TD and he was informed by the First Officer that the matter would be dealt with by the CV Company. In reality the amount recorded by the CV scale was 17.480 tons which was very close to the LSPLV declaration of 17.299 tons.

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	Mix	223.21	8.59%	235.80	8.69%
Albacore	<i>Thunnus alalunga</i>	N	0.10	0.00%	0.10	0.00%
Albacore	<i>Thunnus alalunga</i>	S	290.26	11.17%	305.62	11.26%
Atlantic blue marlin	<i>Makaira nigricans</i>	Ind	0.18	0.01%	0.44	0.02%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	1.42	0.05%	1.42	0.05%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	19.29	0.74%	19.82	0.73%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Ind	0.34	0.01%	0.59	0.02%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Mix	0.31	0.01%	0.34	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.01	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	38.32	1.47%	1089.79	40.16%
Bigeye tuna	<i>Thunnus obesus</i>	Mix	0.00	0.00%	9.28	0.34%
Black marlin	<i>Makaira indica</i>	Ind	0.16	0.01%	0.24	0.01%
Black marlin	<i>Makaira indica</i>	S	0.06	0.00%	0.06	0.00%
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	47.78	1.84%	51.32	1.89%
Dolphinfish	<i>Coryphaena hippurus</i>	Ind	0.27	0.01%	0.33	0.01%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.13	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Ind	0.04	0.00%	0.27	0.01%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.08	0.00%
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	Ind	1.37	0.05%	0.00	0.00%
Mixed Tunas		All	1616.05	62.18%	0.00	0.00%
Mixed Tunas		Mix	186.63	7.18%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	Mix	2.94	0.11%	3.27	0.12%
Opah	<i>Lampris guttatus</i>	S	1.18	0.05%	1.19	0.04%
Opah	<i>Lampris guttatus</i>	SE	3.56	0.14%	3.71	0.14%
Other fish Unclassified	N/A	Mix	0.54	0.02%	0.00	0.00%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	Ind	0.00	0.00%	0.90	0.03%
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SE	0.00	0.00%	0.51	0.02%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.61	0.02%	0.61	0.02%
Skipjack tuna	<i>Katsuwonus pelamis</i>	E	0.19	0.01%	0.19	0.01%
Skipjack tuna	<i>Katsuwonus</i>	Mix	0.13	0.01%	0.19	0.01%

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
	<i>pelamis</i>					
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	107.16	4.12%	651.88	24.03%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	0.00	0.00%	83.37	3.07%
Striped marlin	<i>Tetrapturus audax</i>	Ind	0.05	0.00%	0.09	0.00%
Striped marlin	<i>Tetrapturus audax</i>	NW	0.02	0.00%	0.02	0.00%
Striped marlin	<i>Tetrapturus audax</i>	S	0.03	0.00%	0.03	0.00%
Striped marlin	<i>Tetrapturus audax</i>	SE	0.07	0.00%	0.07	0.00%
Swordfish	<i>Xiphias gladius</i>	Mix	4.49	0.17%	4.70	0.17%
Swordfish	<i>Xiphias gladius</i>	N	0.19	0.01%	0.19	0.01%
Swordfish	<i>Xiphias gladius</i>	S	50.59	1.95%	35.50	1.31%
Yellowfin tuna	<i>Thunnus albacares</i>	All	1.70	0.07%	203.47	7.50%
Yellowfin tuna	<i>Thunnus albacares</i>	Med	0.00	0.00%	3.38	0.12%
Yellowfin tuna	<i>Thunnus albacares</i>	Mix	0.00	0.00%	4.44	0.16%

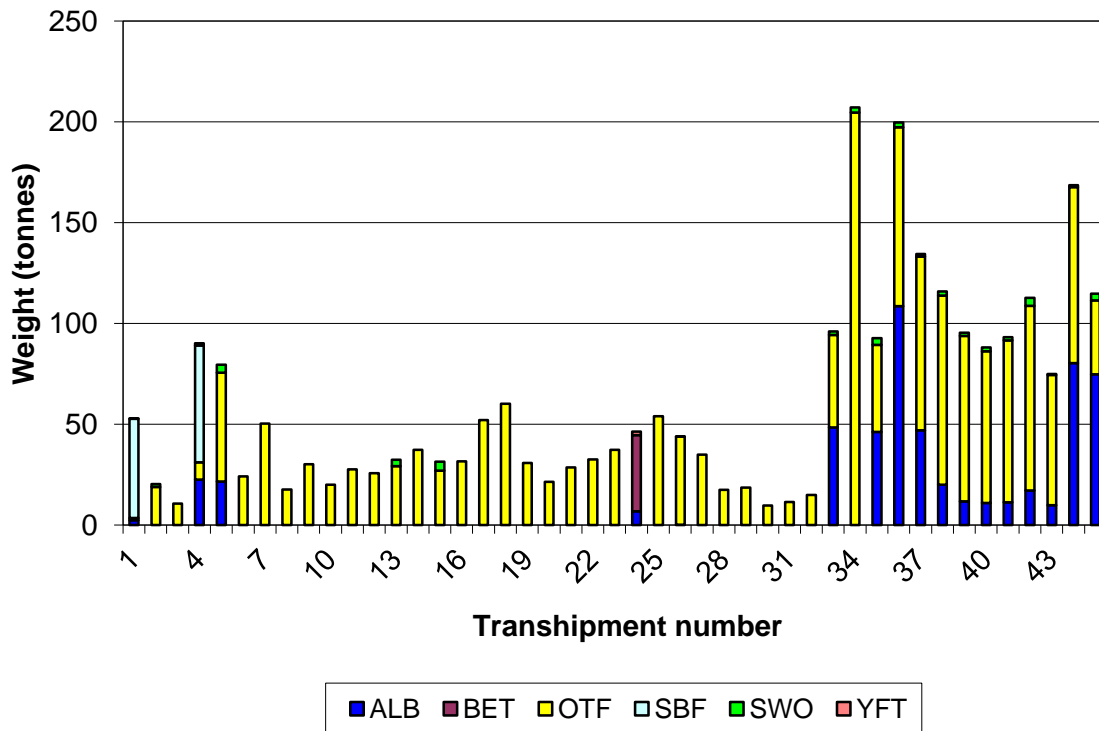


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.86
Atlantic blue marlin	<i>Makaira nigricans</i>	133.02
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	12.71
Bigeye tuna	<i>Thunnus obesus</i>	41.51
Black marlin	<i>Makaira indica</i>	72.67
Butterfly kingfish	<i>Gasterochisma melampus</i>	16.78

Common Name	Scientific name	Average weight (kg)
Dolphinfish	<i>Coryphaena hippurus</i>	6.73
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	19.00
Marlins,sailfishes,etc. nei	<i>Istiophoridae</i>	22.85
Mixed Tunas		45.41
Opah	<i>Lampris guttatus</i>	9.45
Other fish Unclassified	N/A	8.25
Shortfin mako	<i>Isurus oxyrinchus</i>	75.75
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.64
Southern bluefin tuna	<i>Thunnus maccoyii</i>	52.12
Striped marlin	<i>Tetrapturus audax</i>	32.60
Swordfish	<i>Xiphias gladius</i>	55.60
Yellowfin tuna	<i>Thunnus albacares</i>	43.59

Comments:

All *Thunnus maccoyii*, *Thunnus obesus* and *Thunnus albacares* were observed and recorded as gilled and gutted. All other tunas, such as *Thunnus alalunga* and *Katsuwonus pelamis* were observed and recorded as round. Billfish species i.e. *Tetrapturus audax*, *Makaira nigricans*, *Makaira indica*, *Istiophorus* and *Tetrapturus angustirostis* were observed and recorded as both gilled, gutted and dressed. *Gasterochisma melampus*, *Scomberomorus maculatus*, *Lampris guttatus* and other fish (Unclassified) were observed and recorded as dressed. *Xiphias gladius* was observed and recorded as both fillets and dressed and *Isurus oxyrinchus* as fillets only.

For all the Japanese flagged LSPLVs the product was lifted directly from the hold of the vessel into the hold of the CV. For all other LSPLVs, the method of transhipment was a mixture of both directly from the LSPLV hold, or from the deck of the LSPLV to the CV trolley. Cargo nets were employed to tranship on the occasions when *T alalunga* were numerically dominant and often for the last few loads of multi species transhipments. Single species strings were counted, using thumb counters, once (from top down) as the string lifted from the LSTLV hold and again from the bottom up as the string approached the CV hold. Cargo nets were settled on the hatch cover of the CV for species identification and counting before being transferred to the CV hold.

The CV recorded the weight of each string/cargo net using a digital hanging scale with a resolution of 1 kilogram.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
1				YES	18/06/18	24°59S	8°30E	2hr 55min	100
4				YES	20/06/18	21°43S	8°20E	6hr 09min	100
34				YES	26/07/18	20°24S	7°10E	10hr 14min	100
36				YES	29/07/18	23°59S	2°00E	12hr 3min	100
37				YES	30/07/18	23°32S	1°38E	5hr 51min	100
38				YES	31/07/18	23°01S	5°45E	6hr 26min	100
39				YES	02/08/18	25°30S	3°58E	4hr 21min	100
40				YES	02/08/18	25°29S	4°08E	5hr 38min	100
41				YES	03/08/18	25°59S	4°58E	4hr 9 min	100
42				YES	04/08/18	25°59S	4°58E	4hr 52min	100
43				YES	04/08/18	25°56S	5°56E	2hr 54min	100
44				YES	05/08/18	25°01S	9°58E	9hr 51min	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	1135		0001 - 1135
4	9	1143		0001 - 1143
34	9	1687		0001 - 1687
36	9	1121		0001-1121
36	15	11		1121-1132
37	9	1141		0001-1141
37	15	1		1142
38	9	1160		0001-1160
39	9	1091		0001-1091

40	9	1142		0001-1142
41	9	1185		0001-1185
42	9	1176		0001-1176
43	9	1229		0001-1229
44	9	1141		0001-1141
44	15	66		1142-1207

Comments:

All the LSPLVs listed in table 6 completed the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) Catch Monitoring Forms to declare the transshipment of this species. In addition, all the *T. Maccoyii* were tagged with a tag which reflected the serial number listed in the catch tagging forms.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

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

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
45			Yes	06/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	05/08/18

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

Table 9 Comments on LSPLV checks

No	Comments
15	The LSPLV was fitted with 2 Thrane & Thrane VMS units (labelled A & B). The power to the unit marked B was switched on while the other unit was switched off while the on-board checks were made.
19	The LSPLV only had the most recent ATF in a Chinese format which was valid until 18/09/2018. The old format ATF was up to date until 17/9/2019.
25	The xx did not have the most up to date ATF format on board. The older format ATF was still in date up to 13/03/2020.
27	The LSPLV had the old format of the ATF as well as and the new format in Chinese. The old format ATF was in date until 19/01/2020.
36	The logbook used by the LSPLV was the Mozambique format in (Electronic and hard copy) and not the Japanese flag state format. The observer specifically asked the master to see the flag state logbook but was told the ship only had the Mozambique logbook. The chief officer of the CV accompanied the observer and there was therefore no language misunderstanding. Figure 3 Logbook in use on board the xxx
40	The International Radio Call sign (IRCS) on the starboard side of the LSPLV had lost the first two letters i.e. JE. The observer brought this to the attention of the LSPLV captain, who acknowledged the problem. He explained that the two boards had been shattered during fishing operations at sea and they were unable to repair the damage until alongside in port. All other identification signage was in order. No PNC was issued. Figure 4 IRCS markings of the xxx

The observer made 0 Potential Non Compliance (PNC) reports.

9 Other Observer Tasks.

9.1 CV waste disposal

Disposal of on board material waste was managed according MARPOL regulations. Both sufficient signage (Figure 5) and waste disposal containers were visible and available.



Figure 5 MARPOL signage on board the CV

Waste paper is accumulated in bins and incinerated daily (Figure 6).



Figure 6 Incinerator in use

Plastic, tins, bottles, cooking oil and operational waste are accumulated in black bags housed in drums on boat deck aft. Full bags are removed and stored in a paint store on starboard side aft and removed ashore in port (St Vicente and Cape Town).

Waste food was accumulated in the galley and macerated before being disposed of overboard.

9.2 Unidentified or IUU vessels

No unidentified or IUU vessels were sighted during the voyage.

9.3 Marine mammals.

Table 10 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
16/06/2018	16:10	31° 45 S	07° 30 E	Possible Fin Whale	2	Animals about 1 nm from vessel. Only blows noted. Both animals blew 4 times, about 30 sec between each blow. Blows tall, slim and vertical. Moving from N to S. Not observed again after 4mins from first sighting.
24/06/2018	10:32	7° 43 S	2° 51 E	Unknown	± 6	Surface splashes observed with naked eye ± 1nm ahead. Observation with binoculars noted further splashes and breaching of about 6 dolphins clear of the water. Sun behind animals, silhouette showed beak and falcate shaped dorsal fins, no colour or markings. Total sighting time < 1 minute.
25/06/2018	17:45	2° 33 S	1° 09 E	Common Dolphin (<i>Delphinus delphis</i>)	± 50	Vessel steaming N @ 15 kt. Dolphins sighted ahead of vessel and moving S past vessel. School appeared to be travelling. Frequent jumps and 2 incidents of spinning. Observed 2 animals turn to approach vessel but did not bow ride. Sighting lasted 4 minutes.
01/07/2018	13:37	0° 49 N	2° 36 W	Bryde's Whale (<i>Balaenoptera spp.</i>)	1	3 hazy, upright blows noted. Time between blows 20 seconds to 2 minutes. Dive sequence – blow disappeared before strongly falcate shaped dorsal fin appeared. No head or fluke noted. Animal moved rapidly from 100 m to 1000 m from vessel within the 3 blow period.
11/07/2018	16:40	14° 34 N	26° 52 W	Common Dolphin (<i>D. delphis</i>)	± 50	School observed for 10 minutes until out of sight. Animals travelling in northerly direction on Port side of vessel. Numbers difficult to estimate as the school was spread over a wide area. Recorded leaping clear of the water, up to 5 animals at a time. 2 recorded doing acrobatics.

15/07/2018	11:07	8° 50 N	24° 31 W	Common Dolphin (<i>D. delphis</i>)	± 30	Sighted ±1 nm on port side. Observed for 4 minutes until out of sight. Animals travelling in northerly direction. Recorded leaping clear of the water, up to 3 animals at a time. 1 recorded doing acrobatics.
17/07/2018	12:55 – 13:23	8° 50 N	24° 31 W	Bottlenose dolphin (<i>Tursiops truncatus</i>)	± 10	First noted by CV captain during transshipment with LSPLV (±5 animals). School remained in and around vessels for duration of transshipment. At conclusion of transshipment and as the LSPLV departed observer noted ±10 animals as they moved off in direction taken by LSPLV. 1 animal performed a backflip showing paler belly and beak.
18/07/2018	07:53	2° 55 N	16° 00 W	Sperm whale (<i>Physeter microcephalus</i>)	1 x adult 1 x calf	Huge splash observed 1500m with naked eye. Binocular observations noted 2 more huge splashes caused by large mustard coloured whale. No distinguishing features noted apart from colour. Thereafter noted first angled, bushy blows from 2 animals. One set of blows far larger than other and ahead. Within about 1 minute the rearmost animal performed 4 rapid breaches in a row and was considerably smaller in size and splash. Also darker in colour. Weather and visibility was moderate.
19/07/2018	17:13 to 17:32	0° 43 N	11° 42 W	Sperm whale (<i>P. microcephalus</i>)	4	First sighted 2000 m from CV. Observed 4 sets of hazy, angled blows over period of 3 minutes. Appeared to dive for 5 minutes. Surfaced and observed regular surface blowing and activity for 12 minutes. Thereafter too distant to be certain of activity.
22/07/2018	15:40	6° 15 S	0° 37 W	Common Dolphin (<i>D. delphis</i>)	±10	School appeared behind vessel and were travelling in westerly direction with a purpose. No playful activity recorded. Some breached sufficiently to record colour pattern.

22/07/2018	15:43 to 16:07	6° 15S to 6° 23 S	0° 37 to 0° 33 W	Sperm whale (<i>P. microcephalus</i>)	±10	3 groups totalling about 10 whales scattered over this area. Blows, backs, flukes and dorsal fins observed on numerous occasions. Concluded that some were resting and others diving to feed.
23/07/2018	08:57 to 08:59	10° 01 S	1° 32 E	Humpback Whale (<i>Megaptera novaeangliae</i>)	1	Single animal performed 5 tail lobes about 100 meters from vessel. Appeared to be absorbed in activity and took no notice of vessel passing. Flukes and flippers distinctive.
23/07/2018	09:12	10° 04 S	1° 34 E	Short-Snouted Spinner Dolphin (<i>Stenella spp</i>) probable	1	Animal recorded ±500 m from vessel (measuring stick). Performed 14 consecutive backward leaps landing on its back on each occasion. Distinctly recorded the 3 tone colour markings.
27/07/2018	10:30	19° 22 S	7° 50 E	Short-Snouted Spinner Dolphin (<i>Stenella spp</i>) - probable	±20	During transshipment a school approached the vessels. Uncertain of numbers as observer was unable to abandon position. Distinctly observed a number of animals leaping, tail slaps and spinning. 3 tone colour pattern and smallish dorsal fin noted.
28/07/2018	09:10	22° 25 S	5° 25 E	False Killer Whale (<i>Pseudorca crassidens</i>) and Bottlenose dolphin (<i>T. truncates</i>)- probable	±20 combined	Animal recorded ±1000 m from vessel (measuring stick). Appeared to be milling in circle. Most sightings were of dorsal breaking surface. 1 animal breached showing pale underside and beak (Bottlenose). 2/3 animals lifted entire head out of the water and appeared to have rounded beak. Conditions good for observing.
28/07/2018	09:37	22° 27 S	5° 18 E	Sei Whale (<i>Balaenoptera borealis</i>)- probable	2	Animal recorded ±1000 m from vessel (measuring stick). 4 pairs of blows recorded. Blows tall, vertical and thin. Upright, prominent dorsal fins noted while head still visible. Series of "tail trails" noted as animals travelled between blows. After 4 set of blows animals disappeared – assumed to have dived. Conditions good for observing.

30/07/2018	10:40 to 11:03	23° 32 S	1° 40 E	Sei Whale (<i>B. borealis</i>)-probable	1	Observed only with naked eye during transshipment. Weather clear and sea calm. Tall, vertical, thin blows observed about every 20 seconds. Blows dissipated after about 4 seconds. Distance from CV estimated 1500m.
31/07/2018	09:53 to 12:39	23° 01 S	5° 45 E	Sei Whale (<i>B. borealis</i>)	2	Observed only with naked eye during transshipment. Weather clear and sea calm. First observed estimated distance from CV 1000m. Animals remained in the vicinity for about 2½ hrs. On two occasions approached drifting vessels to within 50m. Features observed, tall, slender, vertical blows dissipating after about 4 seconds. Prominent, erect dorsal fin observed while head still visible. Numerous occasions when "fluke prints" observed as animals spent time on or near the surface.
04/08/2018	13:41	25° 56 S	5° 56 E	Sei whale (<i>B. borealis</i>) - probable	2	Observed only with naked eye during transshipment. Weather clear and sea calm. Distance from CV estimated 500m. Surface activity observed for 5 minutes. Tall, slender, vertical blows about every 20 seconds. No further blows or surface activity observed after 13:46.

10 Submitting Report to the Master

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

Yes	No
X	

Appendices

Table 11 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		13/06/2018	33° 33.94 S	14° 01.06 E	100KL fuel and dry goods	Yes
		13/06/2018	33° 38.24 S	14° 02.25 E	100KL fuel and dry goods	Yes
		16/06/2018	31° 29.44 S	07° 29.06 E	100KL fuel and dry goods	Yes
		16/06/2018	31° 32.57 S	07° 29.81 E	220KL fuel and dry goods	Yes
		16/06/2018	31° 39.88 S	07° 29.13 E	230KL fuel and dry goods	Yes
		18/06/2018	24° 45.97 S	10° 37.70 E	3000 cases bait	Yes
		21/06/2018	17° 28.26 S	08° 07.62 E	Dry goods	Yes
		21/06/2018	17° 27.33 S	08° 06.70 E	50KL Fuel and dry goods	Yes
		21/06/2018	18° 02.17 S	07° 50.90 E	2633 cases bait	Yes
		26/06/2018	02° 22.08 N	00° 47.62 E	600 cases bait	Yes
		29/06/2018	00° 59.26 N	01° 55.06 W	Dry goods	Yes
		30/06/2018	00° 49.43 N	02° 37.13 W	Dry goods	Yes
		01/07/2018	02° 47.20 S	05° 54.19 W	Dry goods	Yes
		11/07/2018	13° 05.39 N	27° 59.49 W	Dry goods	Yes
		11/07/2018	13° 05.39 N	27° 59.49 W	Dry goods	Yes
		21/07/2018	1° 21.00 S	03° 17.71 W	4000 cases bait	Yes
		28/07/2018	22° 28.14 S	04° 55.84 E	150KL fuel	Yes
		31/07/2018	23° 00.20 S	05° 45.88 E	See remarks under Comments P7	Yes

ICCAT

Observer Report



Trip Number:	220-18
Vessel Name:	Taisei maru No. 24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Peet Botes
Cruise Dates:	From: 15/06/2018 to: 16/07/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring CC, Peet Botes (ROP no. 161) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No. 24 (AT000JPN00571) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 15/06/2018 to 16/07/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	TAISEI MARU No. 24	Call sign:	JILE
Port of registration:	Ise, Japan	Flagstate:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 M/T
Size (GRT):	4,992 ton	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC Type JLR-7800 JRC Type JLR 7700MK JRC Type JLR-6800		
Vessel monitoring system (present/absent):	Present: JRC JUE-95VM INMARSTAT-C		
Radar:	JMA-9132-SA / MPBX41984A		
Communications equipment:	HF/MF: JRC NCH-801 / NCH-802 VHF: JRC JHS-31 INMARSTAT-C		
Plotters:	MPBX41984A		
Tuna products already on board (Quantity)	Yes (2507.944 tons)		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	15/06/2018
Method of embarkation*	Portside
Date of departure	15/06/2018
Date of first transshipment	18/06/2018
Date of last transshipment	22/06/2018
Date of return	16/07/2018
Date of disembarkation	16/07/2018
Method of disembarkation*	Port launch
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The vessel carried out a total of 7 transshipments at sea. The locations are shown in detail in

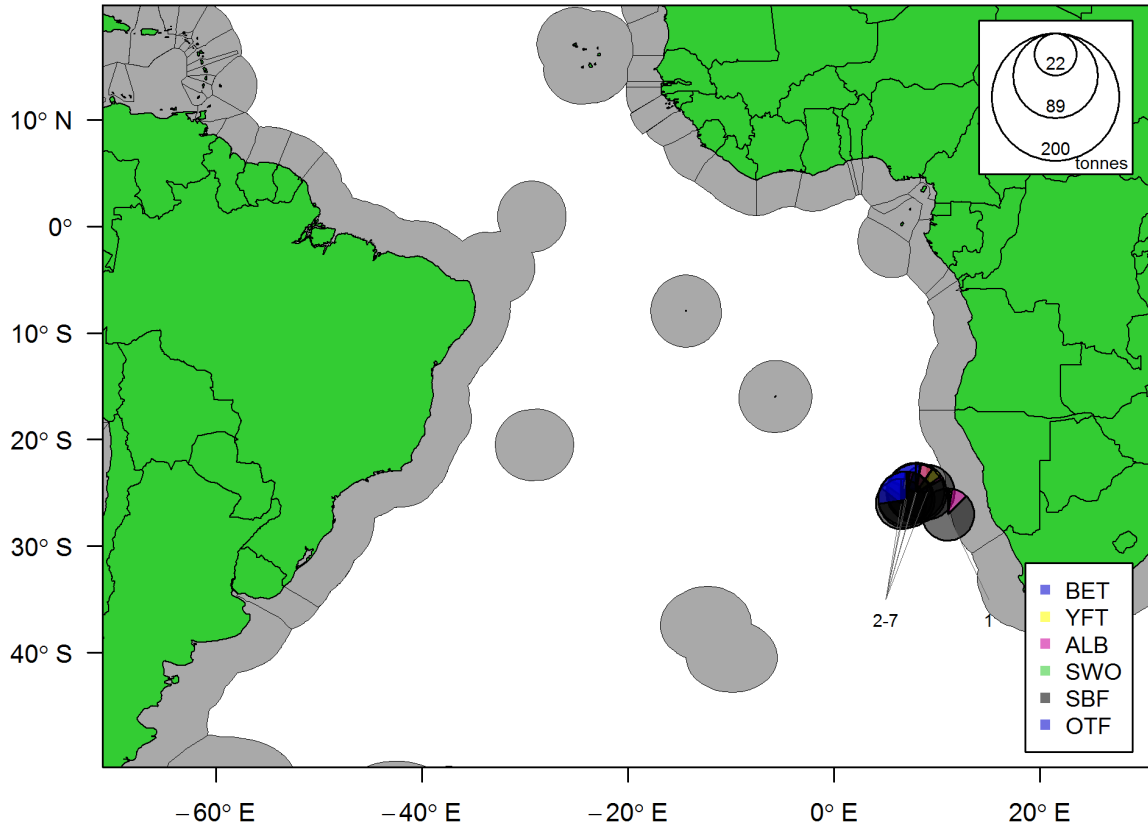


Figure 1 and the numbers received by nationality of the vessels are given in Table 1.

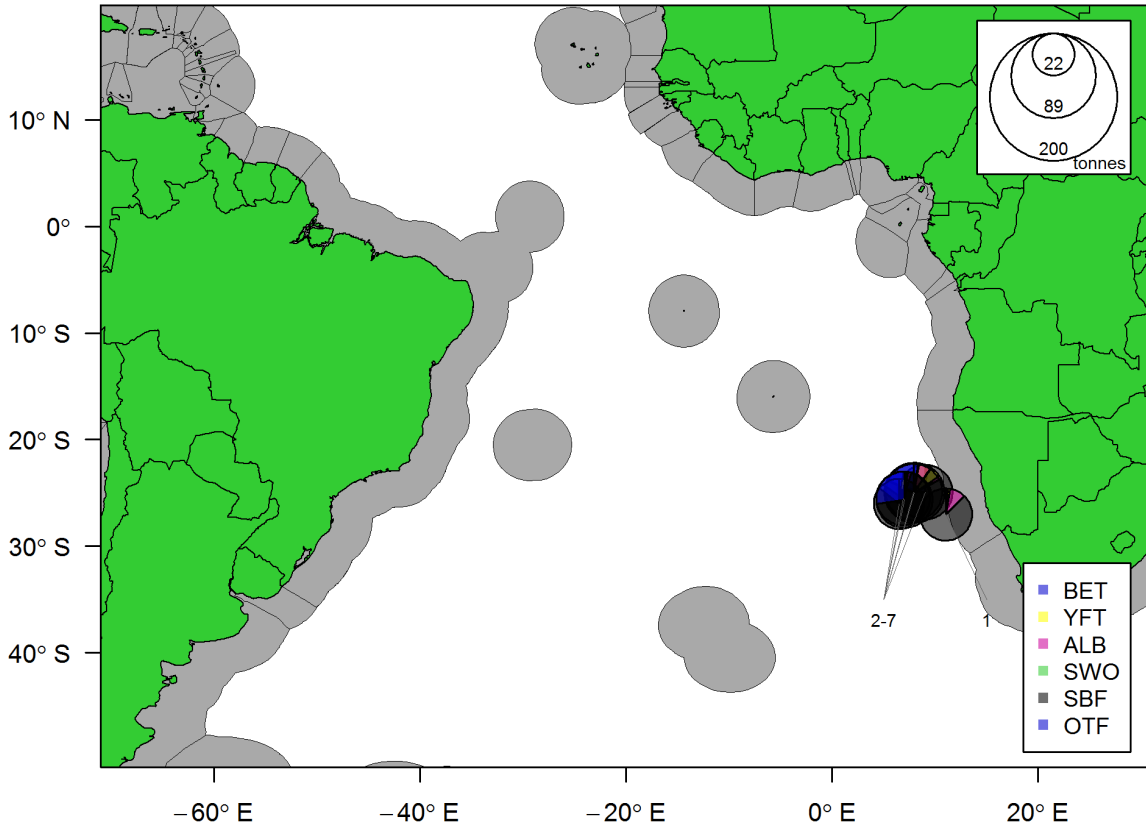


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	7

Comments: The CV also carried out 3 non-ROP transshipment of cargo to LSPLVs (Table 11).

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	18/06/2018	27°01.114 S	011°03.397 E	02:36	100.00%
2				Yes	19/06/2018	24°55.34 S	009°01.239 E	04:45	100.00%
3				Yes	20/06/2018	24°58.705 S	007°59.244 E	02:31	100.00%
4				Yes	20/06/2018	24°55.259 S	007°55.858 E	02:50	100.00%
5				Yes	21/06/2018	25°29.911 S	006°53.149 E	01:55	100.00%
6				Yes	21/06/2018	26°01.534 S	006°28.83 E	04:17	100.00%
7				Yes	22/06/2018	25°37.934 S	007°00.407 E	03:30	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Southern Bluefin (t)		Bigeye (t)		Yellowfin (t)		Swordfish (t)		Other (t)		Total (t)		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight (t)	%
1	48.764	60.235	0	0	0	0	0	0	13.02	17.597	61.784	77.832	16.05	20.62%
2	0	60.257	0	2.239	0	12.407	0	0.322	66.106	18.504	66.106	93.729	27.62	29.47%
3	0	59.99	0	2.024	0	0.567	0.258	0.323	63.647	20.587	63.905	83.491	19.59	23.46%
4	0	59.97	0	1.855	0	0.489	0.048	0.048	54.709	12.958	54.757	75.32	20.56	27.30%
5	43.527	53.242	0	1.387	0	1.531	0	0	10.931	9.38	54.458	65.54	11.08	16.91%
6	51.286	58.777	0	0.385	0	0.049	0.036	0.072	15.847	23.361	67.169	82.644	15.48	18.72%
7	59.798	61.895	0	0.779	0	0.952	0.167	0.251	6.395	6.976	66.36	70.853	4.49	6.34%

Comments: This was the observer's first experience with monitoring transhipments and observer's lack of experience may have been the main reason for a larger than 10% difference between observed weights and declared LSPLV weights. The observer found

it difficult to accurately identify and count species with variations in the composition and size of strings during transshipment 1 and 2. With transshipment 3, strings were transhipped at a fast pace, causing the observer to have limited accuracy in his counting of species. Transshipments 2, 4 and 5 included strings of frozen (the fish was covered with a layer of ice) yellowfin tuna (*Thunnus albacares*), bigeye tuna (*Thunnus obesus*) and southern bluefin tuna (*Thunnus maccoyii*). With these strings, where the CCSBT tags were 'sealed in ice' and the observer found it difficult to accurately count these species due to not yet being adept in identifying them by their body shape.

Transshipments 4, 5 and 6 included medium-to-large strings of small-sized butterfly kingfish (*Gasterochisma melampus*) and albacore (*Thunnus alalunga*). These strings were difficult to count accurately due to the closely-packed fish.

Transshipment 5 also involved strings shrouded by vapour, exacerbating the difficulty of accurate identification and counting. Furthermore, the use of nets instead of strings, towards the end of transshipments, made it difficult to accurately estimate species composition and the number of fish.

Table 3 shows no observed weights for *T. albacares* and *T. obesus* because the observer grouped them into MIX tunas, incorporated into the "Other" column.

6 Species and weight transferred

The carrier vessel contained tuna products when the observer boarded. The total amount on board when the CV sailed was 2507.944 tonnes, according to the Chief Officer. The total declared weight of all species transferred during the trip is shown in Table 4; a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.02	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	0.52	0.09%
Mixed Tunas		All	161.29	37.12%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.99	0.23%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	SE	0.43	0.10%	2.45	0.45%
Other fish		All	13.27	3.05%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.00	0.00%	0.95	0.17%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	203.38	46.80%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	E	0.00	0.00%	414.37	75.42%
Swordfish	<i>Xiphias gladius</i>	All	0.51	0.12%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	1.02	0.18%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	16.00	2.91%

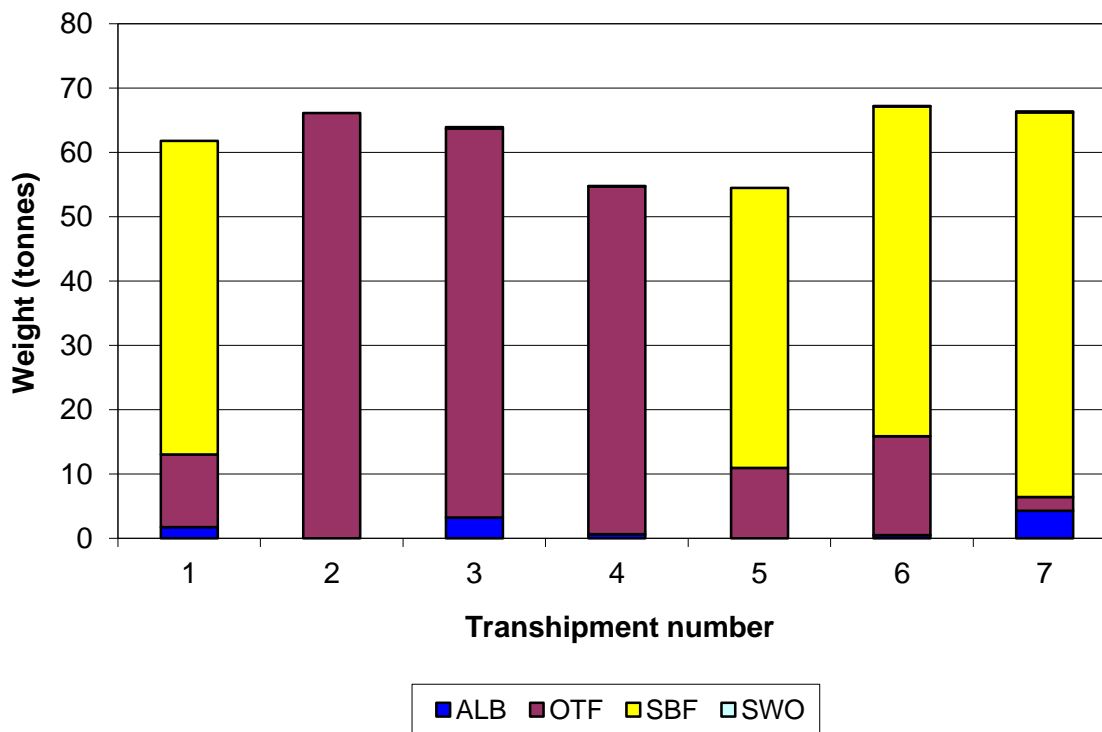


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.47
Atlantic blue marlin	<i>Makaira nigricans</i>	94.87
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	9.23
Bigeye tuna	<i>Thunnus obesus</i>	44.46
Butterfly kingfish	<i>Gasterochisma melampus</i>	17.71
Dolphinfish	<i>Coryphaena hippurus</i>	11.00
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	16.22
Opah	<i>Lampris guttatus</i>	10.31
Shortfin mako	<i>Isurus oxyrinchus</i>	73.15
Southern bluefin tuna	<i>Thunnus maccoyii</i>	50.12
Swordfish	<i>Xiphias gladius</i>	48.38
Yellowfin tuna	<i>Thunnus albacares</i>	48.47

Comments: Transhipped species were mostly *T. maccoyii*, *T. alalunga* and *G. melampus*. The main product types were Gilled and Gutted (GG), Whole (Rounded Weight), i.e. RD, and Head off (HO). With the exception of *T. alalunga*, all tuna species were transhipped as GG, and all *G. melampus* head off. *T. alalunga* was transhipped as round with the fins removed.

Only 2 transhipments declared shortfin mako (*Isurus oxyrinchus*), one as fins (Other) and filleted (FL) product and the other transshipment only as fileted product.

The observer made use of the average species weights which was calculated from the declared weigh and number of units declared by the LSPLV. The observer considered these calculated average weights as realistic.

Numbers were estimated with each transshipment observation using mainly two strategies. Firstly, numbers were estimated by carrying out a quick count of a whole string regardless of species, making a mental note of the total count. The observer would try to establish the separate species numbers as best as possible under the circumstances.

When cargo nets were being used to tranship product, the observer would ask, at infrequent intervals, to look inside the cart where the net was lowered, and counted the heap of fish as best possible. More often, the observer would count what was visible and estimated the number of fish invisible from his vantage point.

Observations of transhipments were taken from next to Cargo Hold 2 or between Cargo Hold 1 and 2, towards the bow of the CV vessel.

The CV made use of a hook scale the total scale amount of all species was available to the observer.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	18/06/2018	27°01.114 S	011°03.397 E	02:36	100.00%
2				Yes	19/06/2018	24°55.34 S	009°01.239 E	04:45	100.00%
3				Yes	20/06/2018	24°58.705 S	007°59.244 E	02:31	100.00%
4				Yes	20/06/2018	24°55.259 S	007°55.858 E	02:50	100.00%
5				Yes	21/06/2018	25°29.911 S	006°53.149 E	01:55	100.00%
6				Yes	21/06/2018	26°01.534 S	006°28.83 E	04:17	100.00%
7				Yes	22/06/2018	25°37.934 S	007°00.407 E	03:30	100.00%

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Monitoring Form Number	Tag series number(from – to)
1	9	1276	CM – JP – 18 – 051 – 01	0001 – 1276
2	9	1195	CM – JP – 18 – 070 – 01	0001 – 1195
3	9	1140	CM – JP – 18 – 012 – 01	0001 – 1140
4	9	1207	CM – JP – 18 – 068 – 01	0001 – 1207
5	9	1118	CM – JP – 18 – 082 – 01	0001 – 1118
6	9	1122	CM – JP – 18 – 069 – 01	0001 – 1122
7	9	35	CM – JP – 17 – 051 – 01	0934 – 0968
8	9	1175	CM – JP – 18 – 073 – 01	0001 – 1175

Comments: Transhipment with the xxx, Transhipment No 7 involved two Catch Monitoring Forms. This is due to[one of them] accounting for 35 *T. maccoyii*, tagged from 0934-0968, while the [other] accounted for all 1,175 *T. maccoyii* transhipped, tagged from 0001-1175.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	18/06/18	Yes	Yes	Yes	Yes	Yes	26/07/22	Yes	Y	Yes	Yes	Yes	EL	17/0618
2			Yes	19/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
3			Yes	20/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
4			Yes	20/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	19/0618
5			Yes	21/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	20/0618
6			Yes	21/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	21/0618
7			Yes	22/06/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	21/0618

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

Table 9 **Comments on LSPLV checks**

No	Comments
1	An English version of the ATF was unavailable on board the xxx. Therefore, the CV Chief Officer, accompanied the observer on the LSPLV inspection, translated the ATF's date of expiry as it is shown on the ATF, written in Japanese.
3	The observer raised two PNC reports. One (IMM) was raised for the markings of the LSPLV not being correct. This PNC was withdrawn after consultation with the Consortium management. The second PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
4	A PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
5	The observer raised two PNC reports. One (LEI) was raised for the markings of the LSPLV not being correct. This PNC was withdrawn after consultation with the Consortium management. The second PNC (IMM) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.
6	A PNC (LEI) was raised for the logbook not fully completed as the header page was not available on board. The explanation was that the header page was being completed by the company offices on a 10-daily basis.

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

Table 10 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
3			1	LEI	IIM	
4			2	LEI		
5			3	LEI	IIM	
6			4	LEI		

Comments: The consortium informed the observer that the issuing of Code IMM with PNC Ref. 1 and 3 was invalid. This is due to there being no recognised discrepancy between the ICCAT database's registry of authorised vessels, showing the vessel name as "xxx", and the actual name on the vessel, shown as "yyy".

9 Other Observer Tasks.

9.1 CV waste disposal

The Taisei Maru No.24 had an incinerator onboard, and steel drums were used to sort food waste, bottles, cans, cooking oil, combustible domestic waste, cargo residues and operational wastes.

9.2 Unidentified or IUU vessels

No Unidentified or Ull vessels were sighted.

9.3 Marine mammals.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	No	Behaviour
20/06/18	~07:40	24°58.549 S	07°59.125 E	<i>Balaenoptera acutorostrata</i>	1	Travelling/Swell riding
24/06/18	~14:26	27°39.094 S	3°45.767 E	<i>Balaenoptera acutorostrata</i>	2	Travelling/Swell riding
03/07/18	~15:26	28°00.136 S	46°54.685 E	<i>Balaenoptera acutorostrata</i>	3	Travelling/Swell riding

Comments: The observer was uncertain about the species and abundance of the marine mammals due to only getting a glimpse while carrying out other duties.

10 Submitting Report to the Master

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

Yes	No
X	

Appendix

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		16/06/2018	32°59.176 S	13°32.252 E	The CV transhipped food, medicine and 200 KL of fuel to the LSPLV.
		23/06/2018	25°56.227 S	7°04.463 E	The CV transhipped 150 KL of fuel to the LSPLV.
		25/06/2018	27°58.225 S	3°02.402 E	The CV transhipped 170 KL of fuel to the LSPLV.

ICCAT

Observer Report



Trip Number:	221/18
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Aikaterini Kamposi
Cruise Dates:	From: 06/07/2018 To: 07/08/2018

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and the consortium of Marine Resources Assessment Group (MRAG) and Capfish, Aikaterini Kamposi (ROP no 162) joined the Liberia, Monrovia registered Carrier Vessel (CV) Genta Maru (AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, and tuna-like species in the Atlantic Ocean from 06/07/2018 to 07/08/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A.	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Ship	Hold capacity:	168,830 cuft
Size (GRT):	3,989 t	Length (LOA):	99.06 m
Vessel monitoring system (present/absent):	Argos (CLS) Leo present		
Tuna products already on board (Quantity)	Zero		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	06/07/2018
Method of embarkation*	Portside
Date of departure	08/07/2018
Date of first transshipment	09/07/2018
Date of last transshipment	03/08/2018
Date of return	07/08/2018
Date of disembarkation	14/09/2018
Method of disembarkation*	Portside
Port of return	Busan, Korea

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

The observer crossed over into the Indian Ocean on the 7th August 2018.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

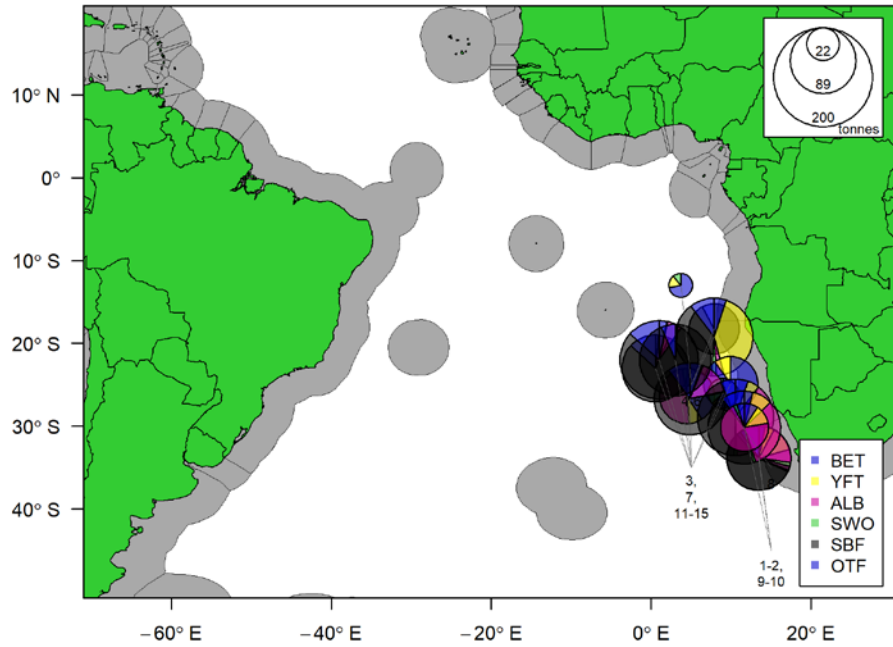


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
XXX	10
XXX	5

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	09/07/18	33°52 S	013°26 E	3:30	100
2				Yes	09/07/18	33°49 S	013°27 E	13:25	100
3				Yes	12/07/18	24°51 S	009°56 E	0:45	100
4				Yes	16/07/18	18°15 S	007°51 E	4:00	100
5				Yes	17/07/18	19°14 S	007°51 E	7:15	100
6				Yes	19/07/18	12°59 S	003°41 E	1:15	100
7				Yes	22/07/18	26°00 S	008°59 E	7:20	100
8				Yes	24/07/18	28°55 S	010°32 E	11:10	100
9				Yes	26/07/18	30°09 S	011°37 E	8:30	100
10				Yes	27/07/18	30°07 S	011°39 E	7:55	100
11				Yes	29/07/18	26°41 S	004°51 E	8:50	100
12				Yes	30/07/18	26°21 S	004°28 E	7:40	100
13				Yes	01/08/18	23°00 S	000°30 E	7:00	100
14				Yes	02/08/18	21°59 S	000°59 E	7:35	100
15				Yes	03/08/18	22°00 S	003°00 E	3:40	100

Comments:

All transhipments were 100% observed. Transhipment 2 was interrupted for 12 hours due to poor weather conditions. It was completed on 10/07/18 at 15:45.

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	0	0	0	0	0	58,705	65,000	58,705	65,000	6,295	9.68
2	7,037	8,000	61,350	63,000	2,891	3,000	78,922	81,000	150,200	155,000	4,800	3.10
3	10,176	10,451	2,462	2,541	1,540	1,628	0	0	14,178	14,620	442	3.02
4	61,694	68,028	6,976	7,663	0	0	0	0	68,670	75,691	7,021	9.28
5	29,780	31,879	5,863	6,292	1,880	2,037	36,427	37,759	73,950	77,967	4,017	5.15
6	12,653	13,849	513	570	9,042	8,498	0	0	22,208	22,917	709	3.09
7	1,525	1,610	531	531	209	209	104,964	112,253	107,229	114,603	7,374	6.43
8	4,828	5,010	365	365	55	55	144,940	152,210	150,188	157,640	7,452	4.73
9	7,506	6,929	1,196	1,101	678	678	113,195	123,894	122,575	132,602	10,027	7.56
10	556	593	249	249	0	0	117,896	130,233	118,701	131,075	12,374	9.44
11	7,820	7,959	7,952	7,585	1,513	1,574	126,822	132,765	144,107	149,883	5,776	3.85
12	3,750	3,827	17,849	17,651	730	730	75,649	82,490	97,978	104,698	6,720	6.42
13	3,145	3,284	4,599	5,132	2,012	2,082	88,708	95,898	98,464	106,396	7,932	7.46
14	4,698	5,151	11,235	12,336	1,293	1,411	115,266	117,478	132,492	136,376	3,884	2.85
15	5,114	5,508	7,035	7,580	1,419	1,419	40,497	44,405	54,065	58,912	4,847	8.23

Comments:

During the deployment no difference between observed and declared figures exceeded 10%.

6 Species and weight transferred

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

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

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	S	244,150	17.27	254,600	16.94
Atlantic blue marlin	<i>Makaira nigricans</i>	SE	4,240	0.30	4,460	0.30
Atlantic sailfish	<i>Istiophorus albicans</i>	E	390	0.03	390	0.03
Bigeye tuna	<i>Thunnus obesus</i>	All	160,280	11.34	172,080	11.45
Black marlin	<i>Makaira indica</i>	SE	980	0.07	980	0.07
Butterfly kingfish	<i>Gasterochisma melampus</i>	SE	102,590	7.26	108,590	7.22
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	760	0.05	790	0.05
Opah	<i>Lampris guttatus</i>	SE	8,980	0.63	9,350	0.62
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	E	840	0.06	870	0.06
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	735,980	52.06	792,140	52.69
Striped marlin	<i>Tetrapturus audax</i>	SE	1,850	0.13	1,950	0.13
Swordfish	<i>Xiphias gladius</i>	S	23,260	1.65	23,320	1.55
Wahoo	<i>Acanthocybium solandri</i>	SE	1,230	0.09	1,280	0.09
Yellowfin tuna	<i>Thunnus albacares</i>	All	128,180	9.07	132,600	8.82

Comments:

The main species transhipped during this voyage was Bigeye tuna (*Thunnus obesus*). Yellowfin tuna (*Thunnus albacares*) and Albacore (*Thunnus alalunga*).

Atlantic sailfish (*Istiophorus platypterus*), Narrow-barred Spanish mackerel (*Scomberomorus commerson*) and Shorbill spearfish (*Tetrapturus angustirostris*) were transhipped in relatively small amounts.

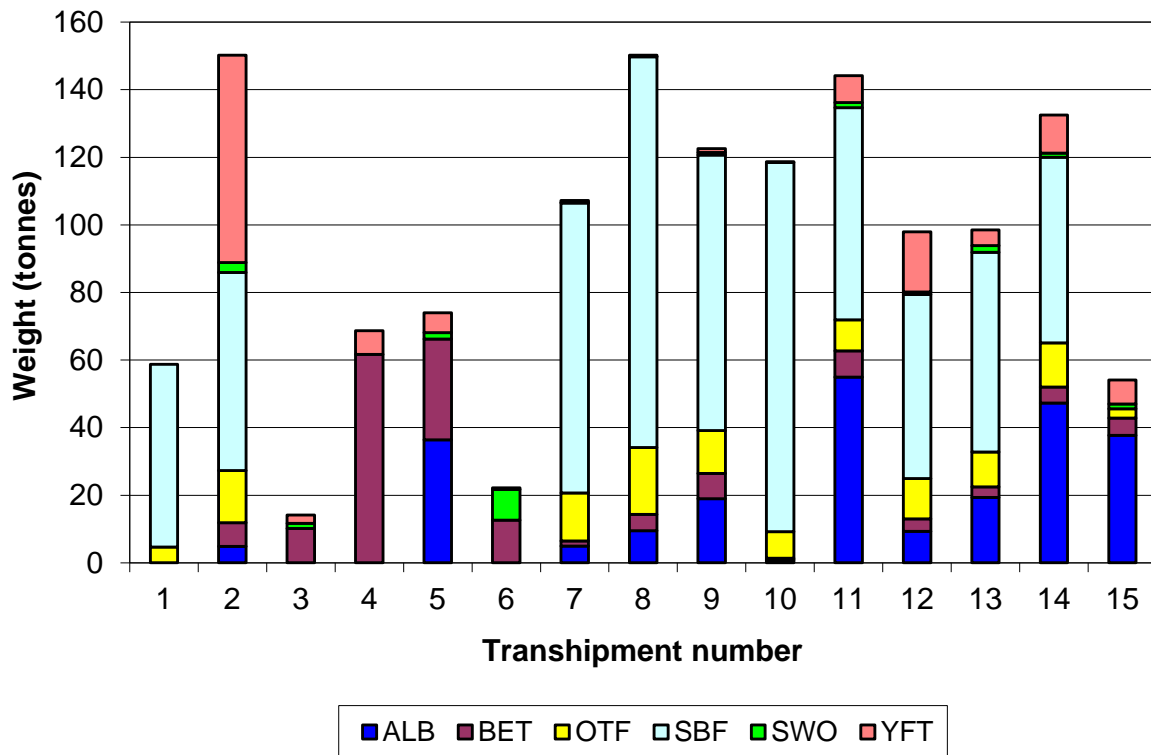


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	14.04
Atlantic blue marlin	<i>Makaira nigricans</i>	121.00
Atlantic sailfish	<i>Istiophorus albicans</i>	18.52
Bigeye tuna	<i>Thunnus obesus</i>	40.18
Black marlin	<i>Makaira indica</i>	89.00
Butterfly kingfish	<i>Gasterochisma melampus</i>	16.71
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	14.13
Opah	<i>Lampris guttatus</i>	11.35
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	13.79
Southern bluefin tuna	<i>Thunnus maccoyii</i>	52.54
Striped marlin	<i>Tetrapturus audax</i>	46.33
Swordfish	<i>Xiphias gladius</i>	54.73
Wahoo	<i>Acanthocybium solandri</i>	10.24
Yellowfin tuna	<i>Thunnus albacares</i>	29.90

Comments:

The most transferred species bigeye tuna (*T. obesus*) and yellowfin tuna (*T. albacares*) were transhipped as GG (gutted and gilled), albacore (*T. alalunga*) as RD (whole) and swordfish (*X. gladius*) DR (dressed). The small number of Atlantic blue marlin (*M. nigricans*) were always transhipped as GG (gutted and gilled).

The Genta Maru had no method of measuring the weight of either strings or individual fish. They did not count the transferred fish declared weights and numbers of transferred fish were accepted as given by individual LSPLVs.

An average weight of each species was established by dividing declared weights by declared numbers. The observer made an independent total by counting individual fish as they were transferred to the CV. By multiplying declared average weights by observed tallies an independent total weight was estimated for each species by the observer.

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Transhipment time	% Observed
1				Yes	09/07/2018	33°52 S	013°26 E	3:30	100
2				Yes	09/07/2018	33°49 S	013°27 E	1:00	100
7				Yes	22/07/2018	26°00 S	008°59 E	7:20	100
8				Yes	24/07/2018	28°55 S	010°32 E	11:10	100
9				Yes	26/07/2018	30°09 S	011°37 E	8:30	100
10				Yes	27/07/2018	30°07 S	011°39 E	7:55	100
11				Yes	29/07/2018	26°41 S	004°51 E	8:50	100
12				Yes	30/07/2018	26°21 S	004°28 E	7:40	100
13				Yes	01/08/2018	23°00 S	000°30 E	7:00	100
14				Yes	02/08/2018	21°59 S	000°59 E	7:35	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
1	9	1164	59,874		
2	9	1223	59,944		
7	9	1693	92,045		
8	9	2245	121,489		
9	9	1557	89,842		
10	9	2278	120,800		
11	9	93	4,642		
11	9	1173	60,018		

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
12	9	1187	59,020		-
13	9	135	5,731		
13	9	1135	58,961		
14	9	1188	59,771		

Comments:

During transshipment No 12 the Catch Tagging Form Document Numbers section on the CMF was not completed.

8 LSPLV Inspections

Inspections were carried out by the observer on all following vessels. summarised in Table 8.

Table 8 Summary of inspections made onboard LSPLVs

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

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

Table 9 **Comments from inspections**

No	Comments

During the deployment the observer made no Potential Non Compliance (PNC) reports.

Table 10 PNC reports made

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

9 Other Observer Tasks

9.1 CV waste disposal

Genta Maru had in place comprehensive waste recycling scheme with bins provided for cans, bottles, plastic, food and general waste, an incinerator was used for disposing of paper and appropriate materials.

9.2 Unidentified or IUU vessels

No IUU vessels were seen during the deployment.

9.3 Marine mammals.

No marine mammals were seen during the deployment.

10 Health and Safety on board the CV

No health and safety issues recorded during this deployment.

11 Submitting Report to the Master

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

Yes	No
X	

Appendices

Table 110 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		17/07/18	19°16 S	007°50 E	Transferred bait and dry cargo.

Table 11 Vessels Observed Drying Shark Fins On deck

Vessel	Call Sign	Reg No	RFMO Number	Date	Picture No
	7KWV	KG1-9		29/07/18	1
		KG1-108		30/07/18	2
	JGAY	KG1-128		03/08/18	3

Picture 1

Picture 2

Picture 3

ICCAT

Observer Report



Trip Number:	515-18
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Llewellyn Lewis
Cruise Dates:	From:10/08/2018 To: 03/09/2018

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and the consortium of Marine Resources Assessment Group (MRAG) and Capricorn Fisheries Monitoring, Llewellyn Lewis (ROP no.115) joined the Japanese registered Carrier Vessel (CV) Taisei Maru No.15 (RFMO No. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 10/08/2018 to 15/08/2018.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Taisei Maru No.15	Call sign:	7JTK
Port of registration:	ISE	Flag State:	Japan
Owner:	Taisei Maru Kaiun Kaisha Ltd	Charterer:	Taisei Maru Kaiun Kaisha Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 Ton / 6,3357 m ³
Size (GRT):	4,969	Length (LOA):	124.25 m
On-board acoustic equipment:	JRC-JFE 570S		
Position fixing equipment:	JRC-JLR-7700MK II (X2)		
Vessel monitoring system (present/absent):	Present		
Radar:	JMA-9833SA JMA-7700 Series		
Communications equipment:	HF/MF - JRC JSS-800 VHF - JRC JHS-32A (X2)		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	2,713.326 Ton		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	10/08/2018
Method of embarkation*	Port Side
Date of departure	11/08/2018
Date of first transshipment	13/08/2018
Date of last transshipment	13/08/2018
Date when CV departed from the Atlantic Ocean area	15/08/201 (23:30)
Date of return	03/09/2018
Date of disembarkation	03/09/2018
Method of disembarkation*	Transfer vessel in port
Port of return	Singapore

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The carrier vessel made a total of 2 transshipments at sea in the ICCAT area. The locations are shown in detail in

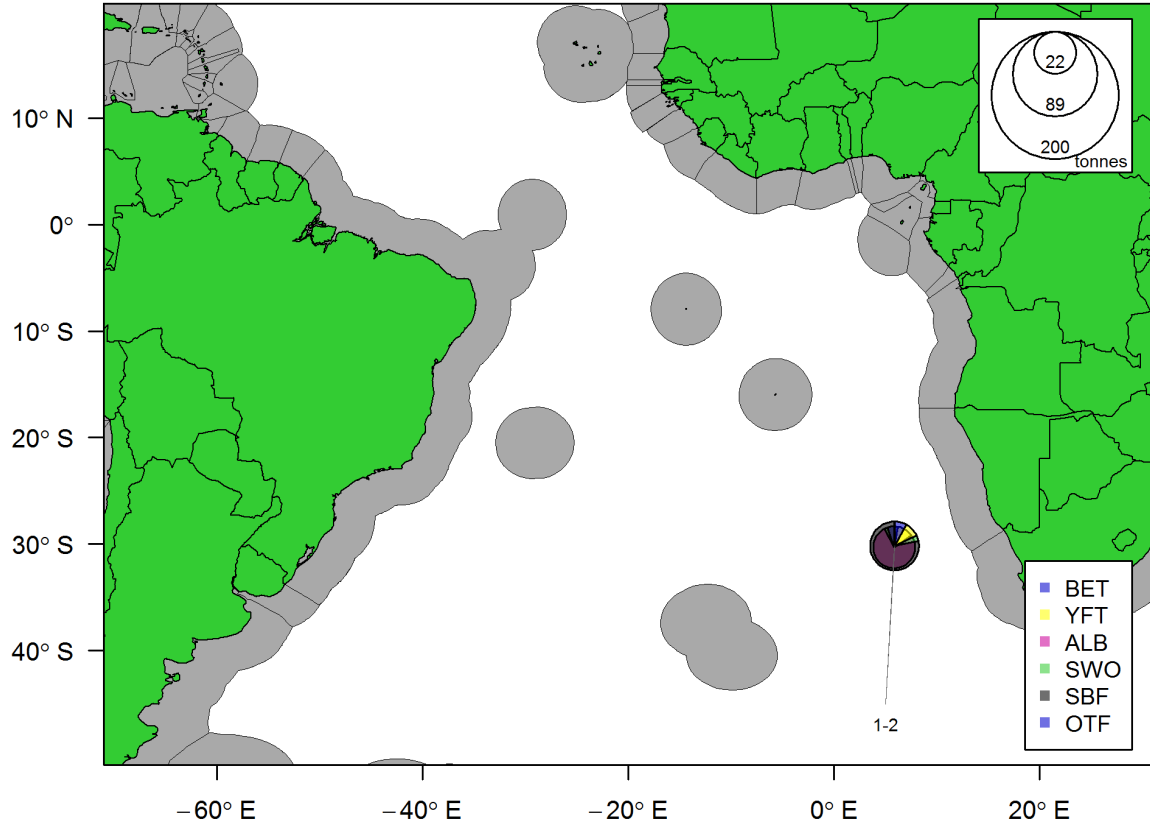


Figure 1 and the numbers received by nationality of vessel are given in Table 1. The CV sailed directly from the Atlantic Ocean to the Indian Ocean without a port call in-between, crossing over the 20 degrees East longitude at 23:30 in 15/08/2018. The observer remained on board as the IOTC observer and disembarked in Singapore on 03/09/2018.

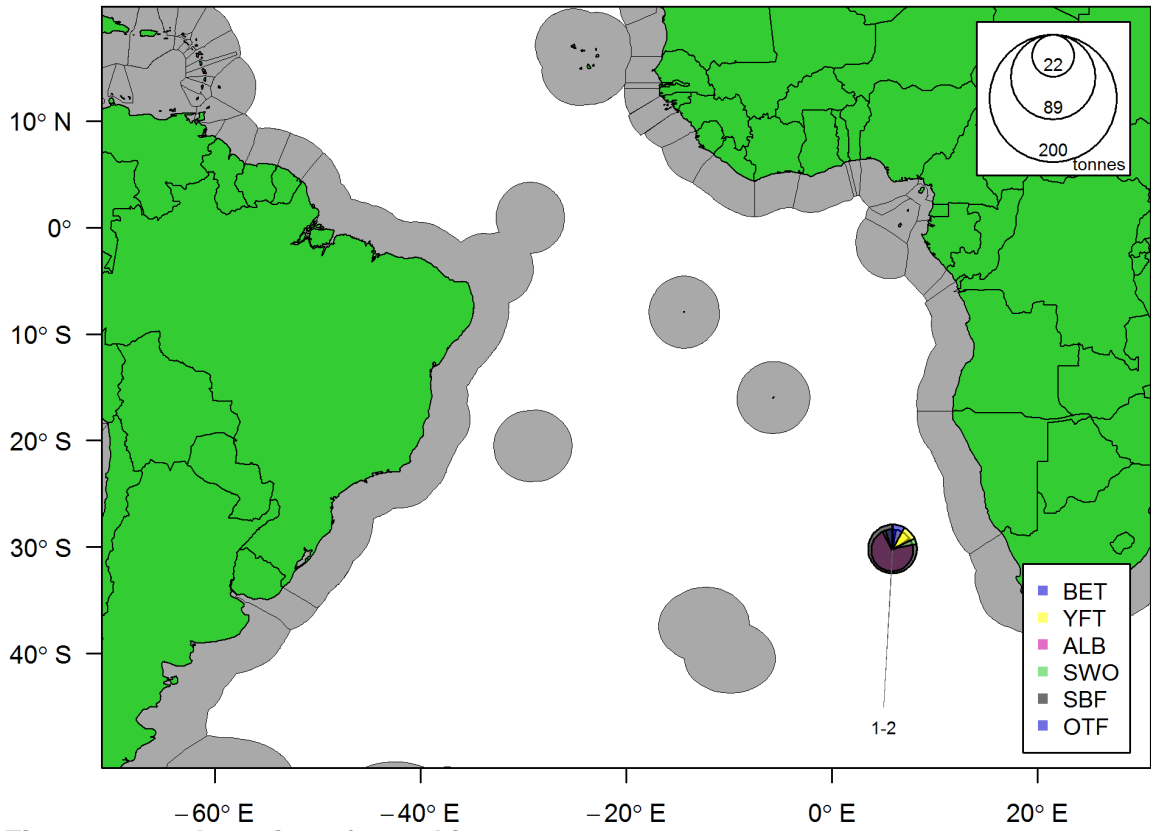


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
1				Yes	13/08/2018	30°17.557 S	005°50.511 E	03:40	100.00%
2				Yes	13/08/2018	30°09.924 S	005°52.229 E	04:00	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	1.188	1.63	7.013	6.935	0.967	1.28	46.914	2.948	56.082	56.293	0.21	0.37%
2	0	6.063	0	7.548	2.573	2.921	7.96	0.175	69.591	76.249	6.66	8.73%

6 Species and weight transferred

The vessel contained 2,713.326 Tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	0.00	0.00%	43.50	32.82%
Albacore	<i>Thunnus alalunga</i>	Unk	44.67	35.54%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	0.00	0.00%	0.18	0.13%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All	0.00	0.00%	1.06	0.80%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Unk	0.80	0.64%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	7.69	5.80%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1.19	0.95%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	All	0.00	0.00%	1.57	1.18%
Opah	<i>Lampris guttatus</i>	Unk	1.22	0.97%	0.00	0.00%
Skipjack tuna	<i>Katsuwonus pelamis</i>	All	0.00	0.00%	0.33	0.25%
Skipjack tuna	<i>Katsuwonus pelamis</i>	Unk	0.23	0.18%	0.00	0.00%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	All	0.00	0.00%	59.54	44.92%
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Unk	59.06	46.99%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	All	0.00	0.00%	4.20	3.17%
Swordfish	<i>Xiphias gladius</i>	Unk	3.54	2.82%	0.00	0.00%
Tunas nei	<i>Thunnini</i>	Unk	7.96	6.33%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	14.48	10.93%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	7.01	5.58%	0.00	0.00%

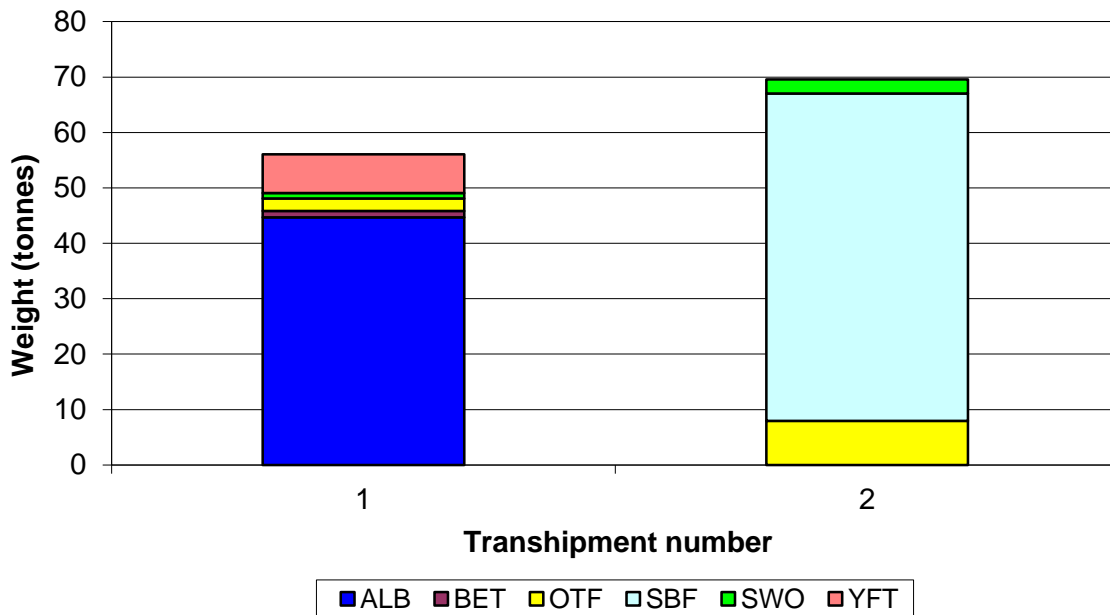


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	15.70
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.80
Bigeye tuna	<i>Thunnus obesus</i>	44.00
Opah	<i>Lampris guttatus</i>	9.00
Skipjack tuna	<i>Katsuwonus pelamis</i>	9.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	51.40
Swordfish	<i>Xiphias gladius</i>	25.29
Tunas nei	<i>Thunnini</i>	43.50
Yellowfin tuna	<i>Thunnus albacares</i>	41.50

Comments:

Fish were transferred straight out of the LSPLV hold by means of the CV crane. The CV made use of a hook scale and the totals provided by the LSPLV were used in the Transshipment Declaration (TD). The observer used the amounts declared by the LSPLV to calculate the average weight per species. In addition, the observer made visual estimations of the average weight per species. These average weights estimated by the observer appeared similar to the declared amounts.

Species were transferred in the following product state:

Common Name	Scientific name	Product type	Product code
Albacore	<i>Thunnus alalunga</i>	Whole	RD
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Headed, Guttled & Tailed	DR
Bigeye tuna	<i>Thunnus obesus</i>	Gilled, Guttled & Tailed	GG
Opah	<i>Lampris guttatus</i>	Headed, Guttled & Tailed	DR
Skipjack tuna	<i>Katsuwonus pelamis</i>	Whole	RD

Common Name	Scientific name	Product type	Product code
Southern bluefin tuna	<i>Thunnus maccoyii</i>	Gilled, Gutted & Tailed	GG
Swordfish	<i>Xiphias gladius</i>	Headed, Gutted & Tailed	DR
Swordfish	<i>Xiphias gladius</i>	Fillet	FL
Tunas nei	<i>Thunnini</i>	Gilled, Gutted & Tailed	GG
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled, Gutted & Tailed	GG

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

No	Vessel name	ICCAT No	Flag	Inspected	Date	Lat	Lon	Transhipment time	% Observed
2			Japan	Yes	13/08/18	-30 ⁰ 09.924	05 ⁰ 52.229	4:00	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Catch Number	Monitoring Form	Tag series number (from – to)
2	9	1157			From -18-071-0001 To 18-071-1157

Comments:

All southern bluefin tuna (*T. maccoyii*) were tagged on the inside of the gill cavity with a plastic tag which was not clearly visible during the transhipment. In addition, each *T. maccoyii* also had blue labels attached to the gill operculum displaying the tag series numbers. On some of the fish these labels delaminated from the fish, but the plastic tag was still attached.

The tag series consisted of a two letter country name – a two digit year code – the International Radio Call Sign, the number “071 and a four digit tag series number.

The observer observed 1149 out of the 1157 Southern Bluefin Tuna (*T. maccoyii*) declared.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Yes	13/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	08/12/18
2			Yes	13/08/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Y	Yes	Yes	Yes	EL	08/11/18

Comments:

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

Table 9 Comments on LSPLV checks

No	Comments
	None

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

9 Other Observer Tasks.

9.1 CV waste disposal

All galley waste were mechanically crushed before being discharged into the ocean on a daily basis. All other waste except for glass and metal/cans were incinerated and the ass retained for land disposal. Metals and glass were retained for land disposal.

9.2 Unidentified or IUU vessels

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

9.3 Marine mammals.

No marine mammals were sighted for the duration of the voyage.

10 Submitting Report to the Master

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

Yes	No
X	

ICCAT

Observer Report



Trip Number:	224-18
Vessel Name:	Taisei Maru No.24
ICCAT Ref. No.	AT000JPN00571
Observer Name:	Peter Johann Beets
Cruise Dates:	From: 27/10/2018 To: 03/01/2019

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 27/10/2018 to 03/01/2019.

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
On-board acoustic equipment:	JRC-JFE 680		
Position fixing equipment:	JRC JLR-7800 JRC JLR-7700MK JRC JLR -6800		
Vessel monitoring system (present/absent):	Present. JRC JUE-95VM INMARSAT-C		
Radar:	1 x JMA-913-SA / 1 x JMA-5322-9		
Communications equipment:	HF/MF: JRC NCH-801, JRC NCH-802 VHF: 2 x JRC JHS-31 INMARSAT FB and C, V-SAT		
Plotters:	Radar plotters NDB-34A		
Tuna products already on board (Quantity)	Yes, quantity unknown		

An in-port transshipment was already underway when the observer boarded the vessel. It was therefore unknown how much tuna product was already on board at the time of boarding.

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, RSA
Date of embarkation	27/10/2018
Method of embarkation*	Portside
Date of departure	28/10/2018
Date of first transshipment	01/11/2018
Date of last transshipment	20/12/2018
Date of return	03/01/2019
Date of disembarkation	03/01/2019
Method of disembarkation*	In port, alongside
Port of return	Cape Town, RSA

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 31 transshipments at sea, the locations are shown in detail in

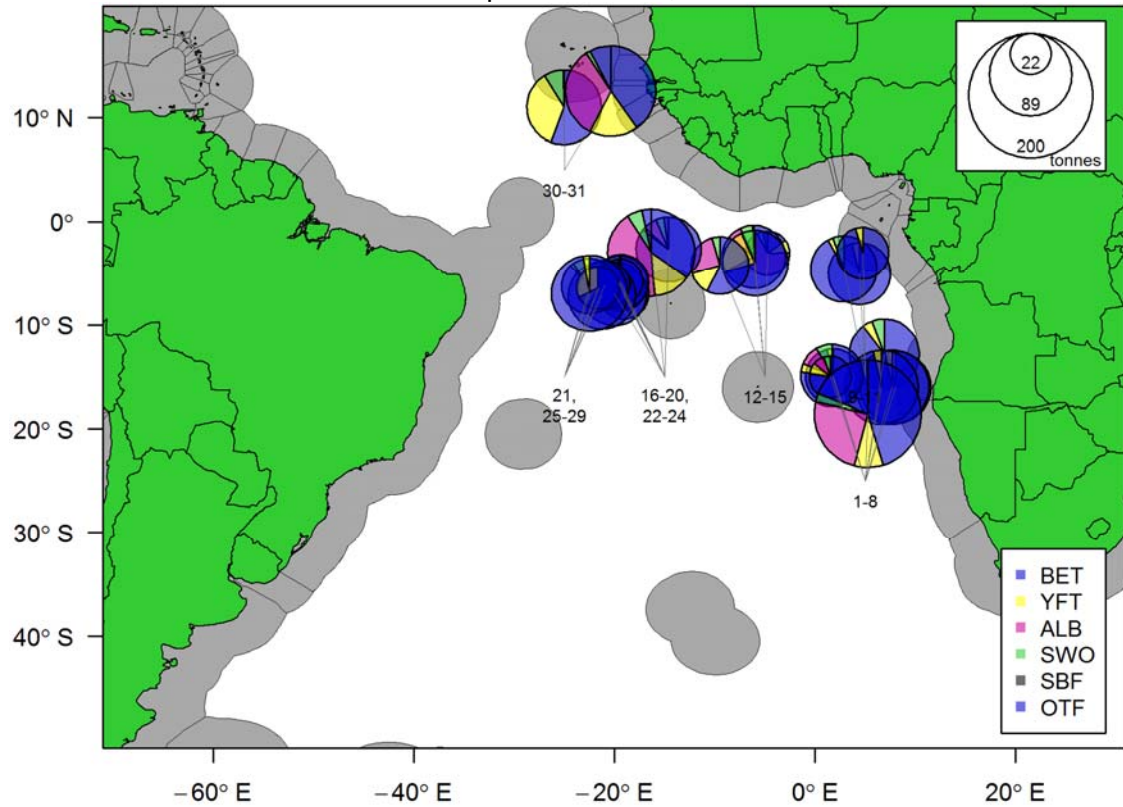


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

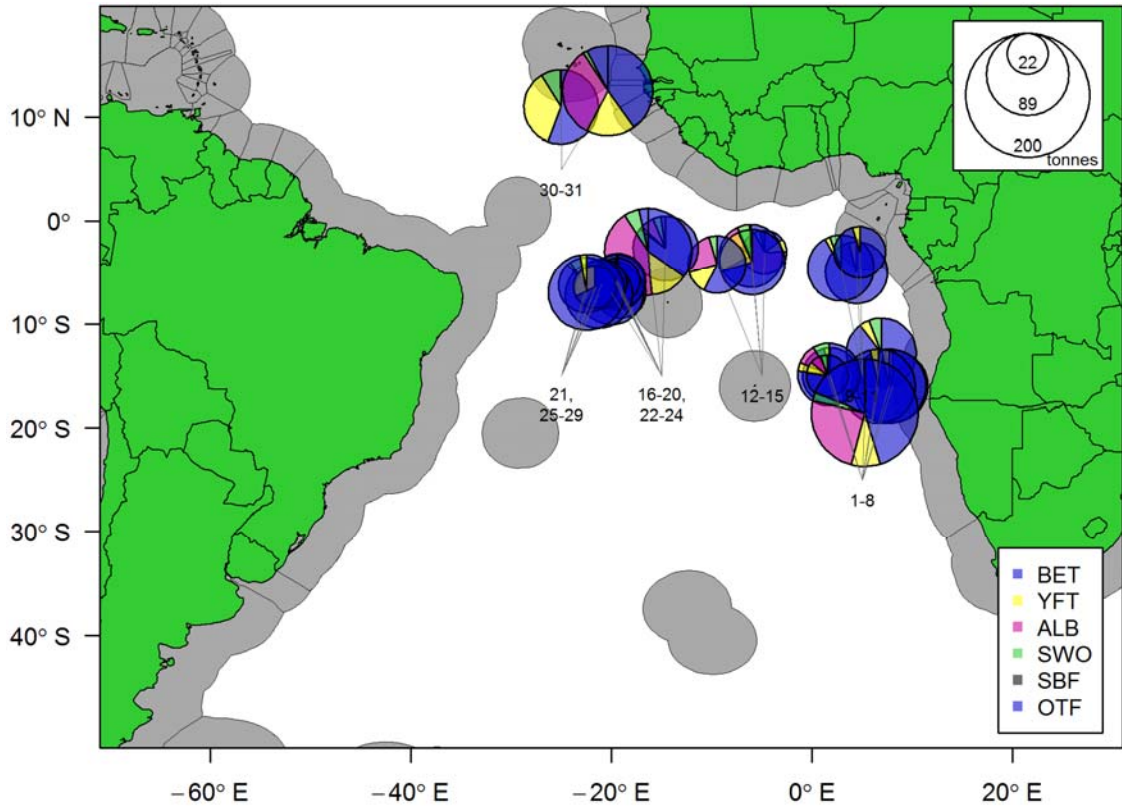


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	2
	19
	10

Comments:

A total of twenty-two (22) non-ROP cargo transshipments were conducted during this deployment. A chronological summary of all non-ROP transshipments made during this deployment can be seen in Table 12. The CV transhipped fish from one LSPLV while in Cape Town and from 11 LSPLVs while in the port limits of Mindelo, São Vicente. These in-port transshipments are listed in Table 13.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transshipment time	% Observed
1				01/11/18	12°48.376 S	006°53.468 E	Yes	04:25	100.00%
2				02/11/18	15°59.063 S	008°00.775 E	Yes	07:05	100.00%
3				03/11/18	15°58.623 S	007°40.205 E	Yes	02:00	100.00%
4				05/11/18	15°58.758 S	006°36.664 E	Yes	03:40	100.00%
5				06/11/18	14°59.136 S	001°49.076 E	Yes	03:22	100.00%
6				06/11/18	14°51.769 S	001°40.716 E	Yes	03:25	100.00%
7				07/11/18	15°00.878 S	001°30.486 E	Yes	03:10	100.00%
8				10/11/18	18°32.102 S	005°14.379 E	Yes	05:31	100.00%
9				13/11/18	05°01.762 S	004°24.681 E	Yes	02:22	100.00%
10				14/11/18	04°34.209 S	002°51.298 E	Yes	00:45	100.00%
11				16/11/18	03°02.606 S	004°45.314 E	Yes	02:01	100.00%
12				16/11/18	03°02.606 S	004°45.314 W	Yes	03:21	100.00%
13				17/11/18	03°23.666 S	006°06.312 W	Yes	02:11	100.00%
14				18/11/18	04°00.112 S	005°58.953 W	Yes	02:08	100.00%
15				19/11/18	04°14.1 S	009°29.536 W	Yes	03:02	100.00%
16				20/11/18	02°41.407 S	014°36.681 W	Yes	02:10	100.00%
17				21/11/18	02°59.667 S	016°20.341 W	Yes	01:36	100.00%
18				22/11/18	06°00.671 S	019°27.734 W	Yes	00:50	100.00%
19				22/11/18	05°53.524 S	019°36.466 W	Yes	01:01	100.00%
20				23/11/18	07°00.664 S	019°05.431 W	Yes	04:09	100.00%
21				24/11/18	07°09.72 S	021°15.163 W	Yes	02:19	100.00%
22				25/11/18	06°59.776 S	019°59.667 W	Yes	03:34	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
23				26/11/18	05°50.227 S	019°20.713 W	Yes	01:03	100.00%
24				26/11/18	05°48.382 S	019°25.004 W	Yes	02:33	100.00%
25				27/11/18	06°07.508 S	020°57.458 W	Yes	03:25	100.00%
26				28/11/18	06°14.475 S	022°30.532 W	Yes	04:22	100.00%
27				29/11/18	06°28.677 S	021°32.038 W	Yes	03:05	100.00%
28				29/11/18	06°23.943 S	021°40.617 W	Yes	02:05	100.00%
29				30/11/18	06°56.106 S	022°28.628 W	Yes	04:06	100.00%
30				04/12/18	10°59.89 N	025°01.56 W	Yes	01:17	100.00%
31				20/12/18	12°32.278 N	020°23.201 W	Yes	09:14	100.00%

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	0	46.216	0	29.562	9.901	7.018	71.733	0.288	81.634	83.084	1.45	1.75%
2	0	49.022	0	21.344	1.596	1.899	104.435	50.259	106.031	122.524	16.49	13.46%
3	0	4.45	0	2.78	1.414	1.28	24.966	20.96	26.38	29.47	3.09	10.49%
4	0	40.261	0	11.163	5.273	3.857	60.476	4.719	65.749	60	-5.75	-9.58%
5	0	45.631	0	14.824	5.808	4.375	56.392	0.17	62.2	65	2.80	4.31%
6	0	28.716	0	6.499	2.811	2.215	42.838	12.57	45.649	50	4.35	8.70%
7	0	54.343	0	0.958	4.413	2.652	60.47	5.547	64.883	63.5	-1.38	-2.18%
8	0	39.699	0	16.003	10.913	6.413	98.35	52.365	109.263	114.48	5.22	4.56%
9	0	40.5	0	1.45	4.733	4.65	41.521	0	46.254	46.6	0.35	0.74%
10	14.05	13.352	0	0	0	0	0	0	14.05	13.352	-0.70	-5.23%
11	0	37.321	0	0.69	0	0	37.698	0	37.698	38.011	0.31	0.82%
12	0	56.955	0	0.726	3.9	3.9	58.677	0	62.577	61.581	-1.00	-1.62%
13	0	45.22	0	0.317	0	0	44.856	0	44.856	45.537	0.68	1.50%
14	0	30.446	0	0.358	0	0	31.401	0	31.401	30.804	-0.60	-1.94%
15	0	59.586	0	3.757	4.862	4.862	62.984	0	67.846	68.205	0.36	0.53%
16	0	37	0	0.388	0	0	40.658	0	40.658	37.388	-3.27	-8.75%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
17	0	41.048	0	0.658	4.733	4.733	42.169	0	46.902	46.439	-0.46	-1.00%
18	0	16	0	10.8	0	0	27.127	0	27.127	26.8	-0.33	-1.22%
19	0	18.245	0	8.851	0	0	27.049	0	27.049	27.096	0.05	0.17%
20	0	85	0	2.5	0	0	79.71	0	79.71	87.5	7.79	8.90%
21	0	55.801	0	2.367	0	0	57.457	0	57.457	58.168	0.71	1.22%
22	0	60.518	0	1.763	3.564	3.5	63.045	0	66.609	65.781	-0.83	-1.26%
23	0	38.172	0	1.911	0	0	39.003	0	39.003	40.083	1.08	2.69%
24	0	65.519	0	3.499	4.327	4.215	70.023	0	74.35	73.233	-1.12	-1.53%
25	0	73.074	0	2.524	0	0	76.539	0	76.539	75.598	-0.94	-1.24%
26	0	78.909	0	2.654	0	0	84.559	0	84.559	81.563	-3.00	-3.67%
27	0	78.298	0	2.907	0	0	80.891	0	80.891	81.205	0.31	0.39%
28	0	44.831	0	1.808	0	0	46.284	0	46.284	46.639	0.36	0.76%
29	0	45	0	2.56	4.405	5	53.479	6	57.884	58.56	0.68	1.15%
30	0	20.208	0	2.267	1.184	1.302	22.144	2.37	23.328	26.147	2.82	10.78%
31	0	77.826	0	15.112	6.592	4.175	149.216	74.435	155.808	171.548	15.74	9.18%

Comments:

In all instances where a difference between the vessel declaration and observer estimates exceeded 10%, the strings were very mixed and bunched together for the majority or the full duration of the transshipment. This applied to transshipments 2, 3 and 30.

During transshipment 31, sharks were specified as gilled and gutted on the transshipment declaration, but the observer noticed that the sharks were dressed and reported it as such in his estimate. No fins were tied to the trunks, but shark fins were transhipped separately during this specific transshipment. The shark fins were transhipped in bags. The observer captured this as 'Baskets' in the database as there is no option for describing bags in the database. Sharks and shark fins from this specific transshipment were discharged while the CV was in port in Cape Town on January 3, 2019. Approximately 30 tonnes of shark trunks and approximately 1.2 tonnes of shark fins were discharged while the CV was in Cape Town.

6 Species and weight transferred

The vessel contained an unknown quantity of tuna products when the observer boarded. This was due to the fact that the observer boarded the vessel while an in port transshipment was already in progress. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	All	115.91	6.26%	130.25	6.87%
Albacore	<i>Thunnus alalunga</i>	N	1.99	0.11%	2.39	0.13%
Albacore	<i>Thunnus alalunga</i>	S	42.04	2.27%	47.91	2.53%
Atlantic blue marlin	<i>Makaira nigricans</i>	All	3.56	0.19%	3.47	0.18%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	1.11	0.06%	1.11	0.06%
Bigeye tuna	<i>Thunnus obesus</i>	All	14.05	0.76%	1427.17	75.28%
Blue shark	<i>Prionace glauca</i>	SE	0.00	0.00%	28.24	1.49%
Butterfly kingfish	<i>Gasterochisma melampus</i>	All	3.76	0.20%	3.12	0.16%
Dolphinfish	<i>Coryphaena hippurus</i>	All	0.05	0.00%	0.07	0.00%
Mixed Tunas		All	1550.80	83.80%	0.00	0.00%
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	0.45	0.02%	0.55	0.03%
Opah	<i>Lampris guttatus</i>	All	14.73	0.80%	8.20	0.43%
Other fish Unclassified		All	0.00	0.00%	5.31	0.28%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.00	0.00%	1.86	0.10%
Swordfish	<i>Xiphias gladius</i>	All	56.00	3.03%	39.09	2.06%
Swordfish	<i>Xiphias gladius</i>	N	1.18	0.06%	1.83	0.10%
Swordfish	<i>Xiphias gladius</i>	S	23.25	1.26%	25.12	1.32%
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	SE	29.12	1.57%	1.30	0.07%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	173.00	9.12%

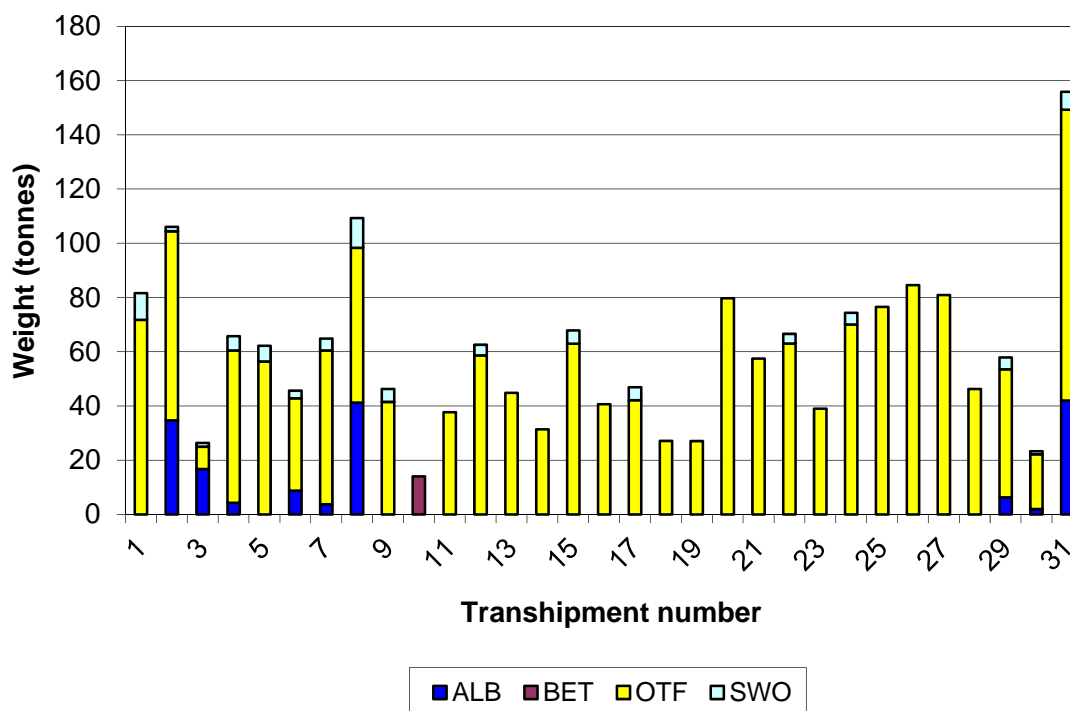


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	14.50
Atlantic blue marlin	<i>Makaira nigricans</i>	117.31
Bigeye tuna	<i>Thunnus obesus</i>	48.68
Blue shark	<i>Prionace glauca</i>	25.42
Butterfly kingfish	<i>Gasterochisma melampus</i>	15.16
Dolphinfish	<i>Coryphaena hippurus</i>	5.21
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	15.80
Opah	<i>Lampris guttatus</i>	9.03
Other fish Unclassified		8.79
Shortfin mako	<i>Isurus oxyrinchus</i>	29.49
Swordfish	<i>Xiphias gladius</i>	53.05
Various sharks nei	<i>Selachimorpha(Pleurotremata)</i>	13.10
Yellowfin tuna	<i>Thunnus albacares</i>	35.06

Comments:

Transshipments were dominated by bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*T. albacares*) - both species transhipped gilled and gutted (GG). Albacore *Thunnus 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 form (DR), Atlantic blue marlin (*Makaira nigricans* [GG and DR]), opah (*Lampris guttatus* [DR]) and small amounts of dolphinfish (*Coryphaena hippurus* [RD]), butterfly kingfish (*Gasterochisma melampus* [DR]) and narrow-barred Spanish mackerel (*Scomberomorus commerson* [DR]). Shortfin mako shark (*Isurus*

oxyrinchus) and blue shark (*Prionace glauca*) were transhipped in relatively small amounts towards the end of the deployment, both species in dressed form.

A greater diversity of species were transhipped from Japanese flagged vessels. Vessels that were Chinese or Chinese Taipei flagged typically transhipped only *T. obesus*, *T. albacares* and *X. gladius*.

Observer estimates were calculated using data from LSPLV transhipment 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 could calculate an average weight per fish per species and compare the calculated average visually to the fish transhipped. In all instances, the calculated average appeared to be realistic. The observer could therefore make his own count of fish transhipped by species and multiply the average weight per species by the numbers transhipped to estimate the total weight of each species. Final weights for each transhipment were calculated by adding the total for each species represented therein.

7 Southern bluefin tuna transhipments

No southern bluefin tuna was transhipped at sea during this deployment

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 6 Summary of boarding reports from LSPLVs.

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship				VMS		Logbook			
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
29			Yes	30/11/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	29/11/18
30			Yes	04/12/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	03/12/18
31			Yes	20/12/18	Yes	Yes	Yes	Yes	Yes	31/07/22	Yes	Yes	Yes	Yes	Yes	EL	20/12/18

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

Table 7 Comments on LSPLV checks

No	Comments
17	<p>The VMS unit was fitted with a switch. The observer issued a PNC, but this was later withdrawn as the presence of a switch did not specifically constitute a non-conformance.</p> <p>Figure3 VMS installation on board xxx</p> <p>The ATF which was produced was not in the latest format provided by ICCAT.</p>
20	<p>The vessel had three VMS units installed. Only one unit, the CLS Triton model, was in use. The remaining two units were connected to switches, both being in the off position at the time of the inspection. The observer did not note a switch on the functioning VMS unit.</p>
22	<p>The VMS was fitted with a switch.</p> <p>Figure 4 VMS installation on board the XXX</p>
23	<p>The ATF produced was in the previous format with the expiry date 12/01/2019.</p>
25	<p>The LSPLV displayed two different National Registration Numbers (NRN).</p> <p>Figure 5 Conflicting NRN markings of xxx</p>

No	Comments
30	The VMS unit was connected to a switch. Figure 6 VMS installation on board the xxxx

The observer made two Potential Non Compliance (PNC) reports summarised below in Table . The PNC for transshipment 17 was withdrawn.

Table 8 PNC reports made

No	Vessel	ICCAT No.	PNC Ref.	PNC 1	PNC 2	PNC 3
17			1	OTH		
25			2	IIM		

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 6 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
16/11/18	12:00	03°02.6'S	04°45.3'W	Bottlenose dolphin	+/- 20	Swimming and proposing in a NW direction

10 Submitting Report to the Master

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

Yes	No
X	

Table 7 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		03/11/2018			Bait and general cargo	Yes (5)
		04/11/2018			Bait and general cargo	Yes (5)
		04/11/2018			Bait and general cargo	Yes (5)
		04/11/2018			Bait and general cargo	Yes (5)
		04/11/2018			Bait, fuel and general cargo	Yes (5)
		05/11/2018			Bait and general cargo	Yes (5)
		09/11/2018			Bait and general cargo	Yes (5)
		09/11/2018			Bait and general cargo	Yes (5)
		13/11/2018			Bait and general cargo	Yes (5)
		27/11/2018			Bait and general cargo	Yes (5)
		28/11/2018			Bait and general cargo	Yes (5)
		30/11/2018			Bait and general cargo	Yes (5)
		01/12/2018			Bait and general cargo	Yes (5)
		04/12/2018			Bait and general cargo	Yes (5)
		19/12/2018			General cargo	Yes (5)
		19/12/2018			General cargo	Yes (5)
		25/12/2018			Fuel	Yes (5)
		26/12/2018			Fuel	Yes (5)
		26/12/2018			Fuel	Yes (5)
		27/12/2018			Fuel	Yes (5)
		27/12/2018			Fuel	Yes (5)
		29/12/2018			Fuel	Yes (5)

Table 13 In-Port Transhipments done within the port limits of Cape Town and Mindelo, São Vicente

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		27/10/2018			Tuna and tuna like species	Yes (6)
		6/12/2018			Tuna and tuna like species	Yes (6)

Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
		7/12/2018			Tuna and tuna like species	Yes (6)
		8/12/2018			Tuna and tuna like species	Yes (6)
		9/12/2018			Tuna and tuna like species	Yes (6)
		10/12/2018			Tuna and tuna like species	Yes (6)
		11/12/2018			Tuna and tuna like species	Yes (6)
		12/12/2018			Tuna and tuna like species	Yes (6)
		13/12/2018			Tuna and tuna like species	Yes (6)
		14/12/2018			Tuna and tuna like species	Yes (6)
		15/12/2018			Tuna and tuna like species	Yes (6)
		16/12/2018			Tuna and tuna like species	Yes (4)

ICCAT

Observer Report



Trip Number:	225/18
Vessel Name:	MEITA MARU
ICCAT Ref. No.	AT000LBR00002
Observer Name:	BRUCE BIFFARD
Cruise Dates:	15/11/2018 TO 09/01/2019

1 Cruise Summary

In accordance with the bilateral agreement between the Toei Reefer Company LTD. and MRAG, Bruce Biffard (no. 133) joined the Japanese registered Carrier Vessel (CV) Meita Maru (RFMO No. AT000LBR000021) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 15/11/2018 to 09/01/2019.

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

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

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

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

According to the terms of the MoU, a pre-sea safety inspection was carried out on the vessel Meita Maru, on 15/11/2018. The vessel passed all parts of the pre-sea safety inspection and all of their safety certifications were in order and up to date. The observer joined the vessel on 15/11/2018 and the vessel sailed from Cape Town, South Africa on 16/11/2018.

In total the vessel received 1,200.77 tonnes of tuna and tuna like products from 18 Large Scale Pelagic Longline Vessels (LSPLV). The transshipments occurred from 22/11/2018 to 26/12/2018 in the Atlantic Ocean.

Transshipment times ranged from 29 minutes to 7hrs 10mins. With an average time of 3hrs 7mins. The quantities transhipped per hour ranged from 11.667 tonnes to 147.323 tonnes with an average rate of 66.709 tonnes. The minimum transfer rate was 17.53t/hr and the maximum was 28.98t/hr with an average of 22.147t/hr.

The observer disembarked from the Meita Maru in Port Louis, Mauritius on 09/01/2019.

2 Carrier Vessel details

Vessel name:	Meita Maru	Call sign:	D5JO8
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Toeï Reefer Company LTD.	Charterer:	Toeï Reefer Company LTD.
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	4495.995m ³
Size (GRT):	3802 GRT	Length (LOA):	106.86
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	643.456 Tonnes		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, SA
Date of embarkation	15/11/2018
Date of departure	16/11/2018
Method of embarkation	Portside
Date of first transshipment	22/11/2018
Date of last transshipment	26/12/2018
Port of return	Port Louis, Mauritius
Date of return	08/01/2019
Date of disembarkation	09/01/2019
Method of disembarkation	Portside

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

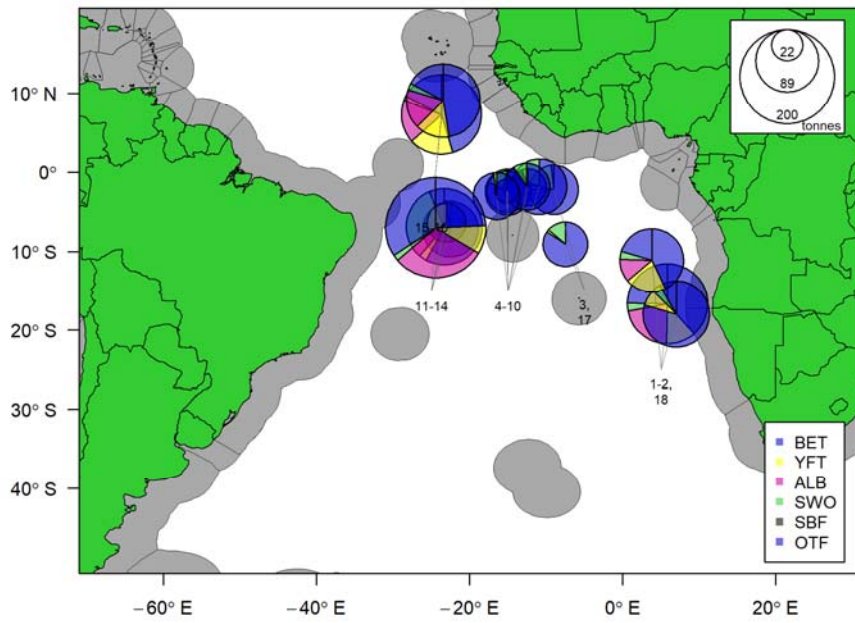


Figure 1, the numbers received by nationality of vessel are given in Table 1.

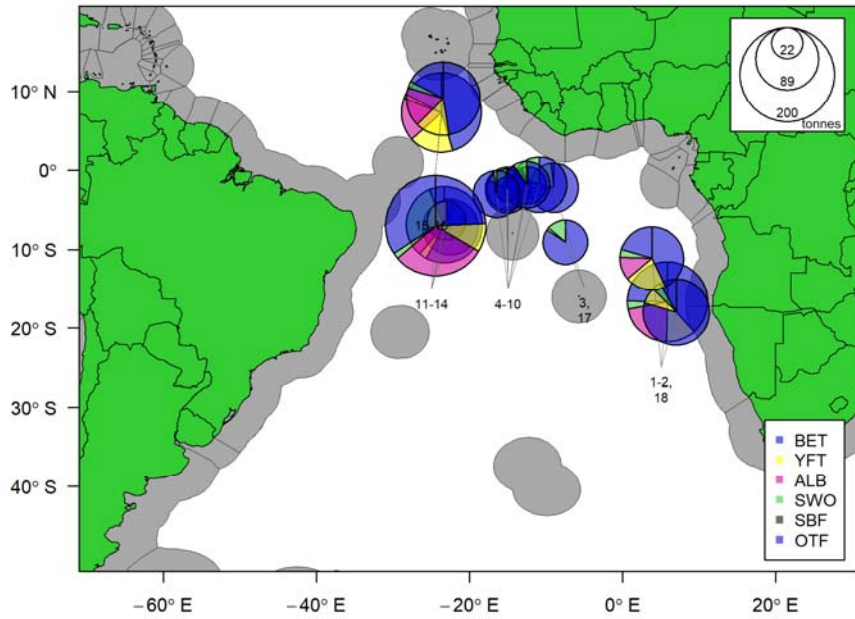


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
Belize	1
China, P.R.	2
Chinese Taipei	8
Japan	4
Korea, Republic of	2
Senegal	1

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				YES	22/11/18	16°38.367 S	005°50.754 E	6:09	100
2				YES	23/11/18	17°57.505 S	006°59.463 E	4:35	100
3				YES	27/11/18	02°12.03 S	008°59.167 W	2:40	100
4				YES	28/11/18	01°49.142 S	010°53.406 W	2:04	100
5				YES	29/11/18	01°53.842 S	012°22.481 W	2:21	100
6				YES	29/11/18	01°48.915 S	012°31.631 W	2:26	100
7				YES	30/11/18	02°29.295 S	014°59.908 W	2:00	100
8				YES	30/11/18	02°25.641 S	015°05.338 W	1:01	100
9				YES	30/11/18	02°22.919 S	015°09.235 W	2:10	100
10				YES	12/01/18	03°00.631 S	016°28.605 W	0:29	100
11				YES	12/03/18	07°10.599 S	022°29.962 W	1:34	100
12				YES	12/04/18	06°53.289 S	023°18.473 W	2:46	100
13				YES	12/07/18	06°20.66 S	022°59.578 W	5:08	100
14				YES	12/08/18	06°59.595 S	024°26.195 W	1:15	100
15				YES	12/11/18	07°19.119 N	023°40.583 W	7:10	100
16				YES	12/12/18	09°05.414 N	023°26.745 W	5:30	100
17				YES	23/12/18	09°04.576 S	007°29.401 W	4:13	100
18				YES	26/12/18	11°08.135 S	003°47.846 E	3:16	100

Comments:

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	61.625	61.113	23.898	24.008	2.491	2.53	23.672	23.391	111.686	111.042	-0.64	-0.58
2	55.776	53.891	17.549	17.169	3.42	3.43	20.13	19.664	96.875	94.154	-2.72	-2.89
3	39.15	37.737	1.288	1.409	10.164	10.2	0.999	1	51.601	50.346	-1.26	-2.49
4	34.974	35.496	0.812	0.756	5.74	5.753	0	0	41.526	42.005	0.48	1.14
5	50.544	51.016	0.224	0.193	12.296	12.457	0	0	63.064	63.666	0.60	0.95
6	37.24	37.75	0.22	0.175	4.686	4.725	0.71	0.71	42.856	43.36	0.50	1.16
7	29.044	28.455	0.07	0.07	5.952	6.1	0	0	35.066	34.625	-0.44	-1.27
8	26.82	26.56	0.069	0.069	1.5	1.497	0	0	28.389	28.126	-0.26	-0.94
9	40.158	40.627	0.096	0.096	4.416	4.4	0	0	44.67	45.123	0.45	1.00
10	11.514	11.64	0.027	0.027	0	0	0	0	11.541	11.667	0.13	1.08
11	45.416	44.6	0.984	0.9	0	0	0	0	46.4	45.5	-0.90	-1.98
12	64.148	63.086	1.568	1.41	0	0	0	0	65.716	64.496	-1.22	-1.89
13	71.28	70.43	4.365	3.99	31.27	31.29	8.25	7.936	115.165	113.646	-1.52	-1.34
14	20.962	20.8	11.086	10.9	0	0	0	0	32.048	31.7	-0.35	-1.10
15	53.374	51.317	19.964	19.37	4.326	4.328	72.675	72.308	150.339	147.323	-3.02	-2.05
16	53.363	52.352	15.922	15.962	4.59	4.472	34.794	33.449	108.669	106.235	-2.43	-2.29
17	72.816	73.875	8.16	7.534	3.66	3.781	7.168	7.612	91.804	92.802	1.00	1.08
18	37.434	36.537	18.2	17.612	3.534	3.449	17.663	17.271	76.916	74.954	-1.96	-2.62

Comments:

6 Species and weight transferred

The vessel contained 643.456 tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

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

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	All	156,865	12.92	154,179	12.84
Atlantic blue marlin	<i>Makaira nigricans</i>	All	10,706	0.88	10,720	0.89
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0,972	0.08	0,914	0.08
Bigeye tuna	<i>Thunnus obesus</i>	All	805,638	66.34	797,282	66.40
Black marlin	<i>Makaira indica</i>	All	0,348	0.03	0,347	0.03
Opah	<i>Lampris guttatus</i>	All	12,042	0.99	14,817	1.23
Other fish Unclassified	N/A	All	3,250	0.27	0,000	0.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	S	0,085	0.01	0,085	0.01
Swordfish	<i>Xiphias gladius</i>	All	5,911	0.49	5,960	0.50
Swordfish	<i>Xiphias gladius</i>	N	12,150	1.00	12,040	1.00
Swordfish	<i>Xiphias gladius</i>	S	79,984	6.59	80,412	6.70
Wahoo	<i>Acanthocybium solandri</i>	All	1,878	0.15	2,364	0.20
Yellowfin tuna	<i>Thunnus albacares</i>	All	124,502	10.25	121,650	10.13
Albacore	<i>Thunnus alalunga</i>	All	156,865	12.92	154,179	12.84
Atlantic blue marlin	<i>Makaira nigricans</i>	All	10,706	0.88	10,720	0.89
Atlantic sailfish	<i>Istiophorus albicans</i>	All	0,972	0.08	0,914	0.08

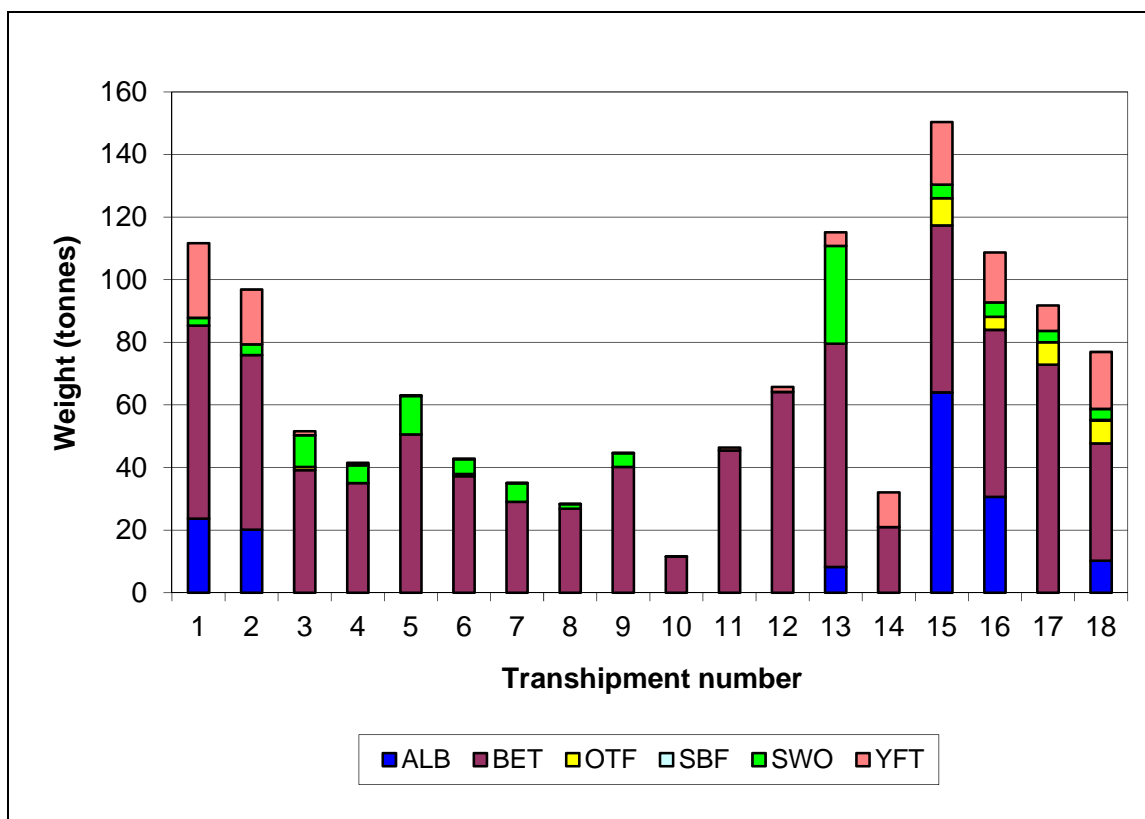


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	15.14
Atlantic blue marlin	<i>Makaira nigricans</i>	112.69
Atlantic sailfish	<i>Istiophorus albicans</i>	21.13
Bigeye tuna	<i>Thunnus obesus</i>	43.26
Black marlin	<i>Makaira indica</i>	174.00
Opah	<i>Lampris guttatus</i>	7.07
Other fish Unclassified	N/A	10.00
Southern bluefin tuna	<i>Thunnus maccoyii</i>	85.00
Swordfish	<i>Xiphias gladius</i>	59.35
Wahoo	<i>Acanthocybium solandri</i>	14.56
Yellowfin tuna	<i>Thunnus albacares</i>	31.95

Comments:

The main species transferred were big eye tuna (*Thunnus obesus*) and albacore tuna (*Thunnus alalunga*). The product type of the bigeye was gilled and gutted while albacore was round weight. The other species were gill and gutted or dressed.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

No	Vessel name	ICCAT No	Flag	Checked	Date	Lat	Lon	Trans. time	% Obsd
18			JPN	YES	26/12/2018	11° 08.135' S	03° 47.846' E	11:49 – 15:05	100

Table 7 Summary of southern bluefin catch documentation

No	CCSBT Statistical Area	No Fish (SBF)	Weight of Fish (SBF)	Catch Monitoring Form Number	Tag series number (from – to)
18	9	1	85KG		1119

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	22/11/18	Y	Y	Y	Y	Y	Y	23/11/18	Y	Y	Y	Y	Y	PB	22/11/18
2			Y	23/11/18	Y	Y	Y	Y	Y	Y	06/08/23	Y	Y	Y	Y	Y	PB	23/11/18
3			Y	27/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	26/11/18
4			Y	28/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	27/11/18
5			Y	29/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/11/18
6			Y	29/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	28/11/18
7			Y	30/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/11/18
8			Y	30/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/11/18
9			Y	30/11/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/11/18
10			Y	12/01/18	Y	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	30/11/18
11			Y	12/03/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	12/02/18
12			Y	12/04/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	12/04/18
13			Y	12/07/18	Y	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	12/06/18
14			Y	12/08/18	Y	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	12/07/18
15			Y	12/11/18	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	11/10/18
16			Y	12/12/18	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	12/12/18
17			Y	23/12/18	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	23/12/18
18			Y	26/12/18	Y	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	26/12/18

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

Comments.

Table 9 Comments on LSPLV checks

No	Comments
N/A	

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

Table 10 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had an incinerator set up on the stern for combustible waste. There were separate containers for the following: cans; bottles/glass; plastic; food waste; operational waste; cooking oil; combustible waste. All non-combustible and recyclable waste was retained for disposal when in port. See Photos.



Figure 3 Meita Maru Waste Management

9.2 Unidentified or IUU vessels

There were no unidentified or IUU vessels.

9.3 Marine mammals.

No marine mammals were observed.

Table 11 Marine mammal sightings

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

10 Health and Safety on board the CV

There were no health and safety concerns regarding vessel inspections. The observer did not participate in any vessel safety drills.

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
		20/11/2018	17° 57.848' S	03° 58.778' E	BUNKER & SUPPLIES	YES
		21/11/2018	17° 28.622' S	08° 00.367' E	BUNKER & SUPPLIES	YES
		21/11/2018	17° 27.810' S	07° 50.873' E	SUPPLIES & BAIT	YES
		22/11/2018	16° 39.308' S	05° 51.037' E	SUPPLIES & BAIT	YES
		05/12/2018	06° 19.511' S	22° 27.790' W	SUPPLIES & BAIT	YES
		05/12/2018	06° 17.607' S	22° 29.598' W	SUPPLIES & BAIT	YES
		05/12/2018	06° 15.998' S	22° 31.336' W	SUPPLIES & BAIT	YES
		06/12/2018	06° 23.192' S	20° 18.969' W	SUPPLIES & BAIT	YES
		06/12/2018	06° 22.885' S	20° 20.734' W	SUPPLIES & BAIT	YES
		06/12/2018	06° 22.525' S	20° 21.953' W	SUPPLIES & BAIT	YES
		06/12/2018	06° 21.899' S	20° 23.568' W	SUPPLIES & BAIT	YES
		12/12/2018	08° 59.000' N	23° 32.529' W	SUPPLIES & BAIT	YES
		13/12/2018	09° 30.481' N	21° 42.101' W	SUPPLIES & BAIT	YES
		05/01/2019	26° 31.917' S	40° 19.935' E	BUNKER	YES
		05/01/2019	26° 30.290' S	40° 25.066' E	BUNKER	YES

ICCAT

Observer Report



Trip Number:	226/18
Vessel Name:	Ibuki
ICCAT Ref. No.	AT000PAN00163
Observer Name:	Eva Maria Vidal Cejuela
Cruise Dates:	From: 28/11/2018 To: 31/01/2019

1 Cruise Summary

In accordance with the bilateral agreement between MRS Corporation and MRAG Ltd., Eva Maria Vidal Cejuela (ROP no. 167) joined the Panama registered Carrier Vessel (CV) Ibuki (AT000PAN00163) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 28/11/2018 to 31/01/2019.

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

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

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

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

2 Carrier Vessel details

Vessel name:	Ibuki	Call sign:	3ELC8
Port of registration:	Panama	Flag State:	Panama
Owner:	Star Navigation S.A.	Charterer:	MRS Corporation
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,902 MT
Size (GRT):	6,558 MT	Length (LOA):	134.15m
Vessel monitoring system (present/absent):	Present		
Tuna products already on board (Quantity)	134.690 MT		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town, South Africa
Date of embarkation	28/11/2018
Method of embarkation*	Portside
Date of departure	29/11/2018
Date of first transshipment	06/12/2018
Date of last transshipment	04/01/2019
Date of return	31/01/2019
Date of disembarkation	31/01/2019
Method of disembarkation*	Transfer vessel in port
Port of return	Port Louis, Mauritius

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

The observer crossed into the Indian Ocean on 23th January 2019. However, no transshipments occurred during this section of the voyage. The observer disembarked in Mauritius on the 31st January 2019.

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 41 transshipments at sea. The locations are shown in detail in

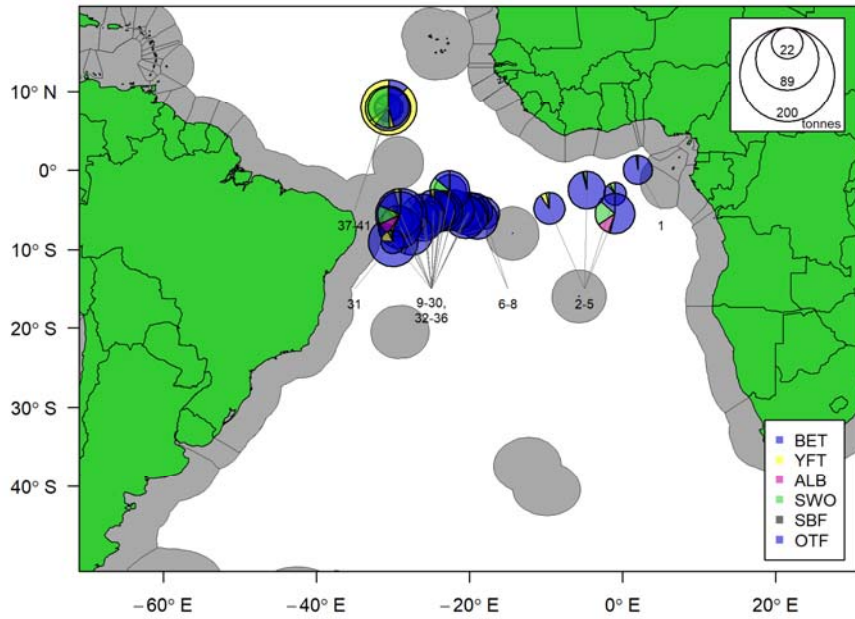


Figure 1 and the numbers received by nationality of vessel are given in Table 1.

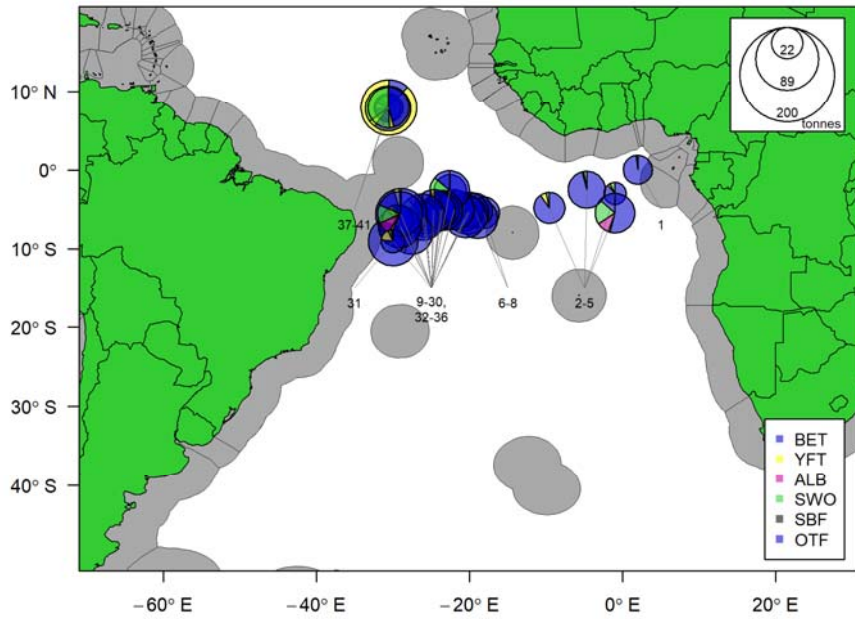


Figure 1 Location of transhipments
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Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	20
XXX	12
XXX	2
XXX	3
XXX	1
XXX	3

Comments:

Nine non-ROP transhipments were performed during the deployment. XXX, XXX, XXX, XXX, XXX, XXX, XXX, XXX and XXX. (Table 11)

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Vessel Name	ICCAT refrence number	Flag	Checked	Date	Lattitude	Longitude	Transhipment time	% Observer
1				Yes	06/12/2018	00°01.275 N	001°58.564 E	07:40	100
2				Yes	07/12/2018	02°58.692 S	001°00.304 W	01:29	100
3				Yes	08/12/2018	05°27.96 S	001°00.481 W	01:45	100
4				Yes	09/12/2018	02°29.894 S	004°41.871 W	03:15	100
5				Yes	11/12/2018	04°48.414 S	009°34.205 W	03:00	100
6				Yes	14/12/2018	05°25.045 S	018°10.124 W	01:30	100
7				Yes	15/12/2018	06°08.538 S	018°58.258 W	01:40	100
8				Yes	15/12/2018	05°11.124 S	019°20.402 W	03:00	100
9				Yes	16/12/2018	05°32.008 S	020°07.899 W	02:15	100
10				Yes	16/12/2018	05°28.512 S	020°13.833 W	01:50	100
11				Yes	16/12/2018	05°23.403 S	020°19.63 W	02:00	100
12				Yes	17/12/2018	05°19.884 S	020°00.556 W	02:15	100
13				Yes	17/12/2018	05°15.138 S	020°08.094 W	02:15	100
14				Yes	18/12/2018	05°54.253 S	020°27.221 W	01:40	100
15				Yes	18/12/2018	05°52.353 S	020°30.875 W	03:30	100
16				Yes	20/12/2018	05°04.279 S	021°57.728 W	01:30	100
17				Yes	20/12/2018	05°01.678 S	022°01.924 W	01:30	100
18				Yes	21/12/2018	02°38.005 S	022°31.822 W	01:50	100
19				Yes	21/12/2018	02°35.319 S	022°36.183 W	01:20	100
20				Yes	22/12/2018	05°07.757 S	023°31.715 W	03:30	100
21				Yes	22/12/2018	05°05.277 S	023°40.216 W	03:50	100

No				Checked	Date	Latitude	Longitude	Transshipment time	% Observer
22				Yes	22/12/2018	05°02.289 S	023°50.759 W	03:00	100
23				Yes	23/12/2018	05°10.206 S	024°37.812 W	03:00	100
24				Yes	23/12/2018	05°09.232 S	024°47.194 W	03:00	100
25				Yes	24/12/2018	06°09.298 S	025°47.082 W	03:35	100
26				Yes	24/12/2018	06°09.729 S	025°53.307 W	02:50	100
27				Yes	25/12/2018	05°59.972 S	026°04.739 W	02:20	100
28				Yes	25/12/2018	05°58.493 S	026°08.94 W	04:10	100
29				Yes	26/12/2018	08°00.977 S	027°35.274 W	01:15	100
30				Yes	27/12/2018	09°01.471 S	029°59.092 W	03:30	100
31				Yes	27/12/2018	09°01.359 S	030°01.448 W	02:25	100
32				Yes	28/12/2018	07°12.96 S	029°04.121 W	02:30	100
33				Yes	28/12/2018	07°11.312 S	029°08.532 W	04:50	100
34				Yes	29/12/2018	06°20.408 S	029°23.896 W	02:50	100
35				Yes	30/12/2018	05°35.966 S	028°55.147 W	06:10	100
36				Yes	30/12/2018	05°34.404 S	029°04.576 W	05:15	100
37				Yes	03/01/2019	07°57.514 N	030°32.782 W	02:45	100
38				Yes	03/01/2019	07°55.539 N	030°34.906 W	02:45	100
39				Yes	03/01/2019	07°52.81 N	030°37.452 W	02:00	100
40				Yes	03/01/2019	07°50.719 N	030°38.923 W	03:45	100
41				Yes	04/01/2019	07°57.356 N	030°35.052 W	01:15	100

Comments:

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

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	14,001	13,597	106,578	103,490	0	0	0	0	120,579	117,087	-3,492	-2.98
2	25,007	27,853	788	829	3,047	3,047	0	0	28,842	31,729	2,887	9.10
3	19,461	18,000	2,243	2,100	3,188	4,250	0	0	24,892	24,350	-0,542	-2.23
4	47,455	46,747	3,779	3,736	26,702	26,871	0	0	77,936	77,354	-0,582	-0.75
5	28,830	28,949	2,342	2,342	34,367	32,159	0	0	65,539	63,450	-2,089	-3.29
6	30,158	31,100	600	600	0	0	0	0	30,758	31,700	0,942	2.97
7	16,685	16,561	746	746	1,389	1,389	0	0	18,820	18,696	-0,124	-0.66
8	32,726	32,013	1,047	1,047	12,896	12,349	2,759	8,027	55,351	53,436	-1,915	-3.58
9	50,079	49,827	481	481	1,617	1,450	0	0	52,177	51,758	-0,419	-0.81
10	33,002	32,846	2,231	2,231	1,548	1,290	0	0	36,781	36,367	-0,414	-1.14
11	30,385	31,663	1,359	1,403	3,345	5,037	0	0	35,089	38,103	3,014	7.91
12	43,743	50,000	8,730	10,000	0	0	0	0	52,473	60,000	7,527	12.55
13	40,872	42,000	3,942	4,050	1,320	1,380	0	0	46,134	47,430	1,296	2.73
14	28,124	27,960	812	812	0	0	0	0	28,936	28,772	-0,164	-0.57
15	67,401	66,197	745	745	0	0	0	0	68,146	66,942	-1,204	-1.80
16	18,868	18,237	589	589	0	0	0	0	19,457	18,826	-0,631	-3.35
17	26,111	26,332	7,572	7,625	0	0	0	0	33,683	33,957	0,274	0.81
18	31,831	31,726	1,225	1,225	0	0	0	0	33,056	32,951	-0,105	-0.32
19	29,172	29,172	985	985	0	0	0	0	30,157	30,157	0	0.00
20	56,309	55,492	3,180	3,137	10,882	10,580	0	0	70,371	69,209	-1,162	-1.68
21	39,663	40,294	1,473	1,509	6,640	6,498	1,896	6,339	54,430	54,640	0,210	0.38
22	40,167	40,167	1,029	1,029	8,014	7,643	1,081	6,512	55,148	55,351	0,203	0.37
23	20,493	24,109	1,095	1,290	5,404	5,492	2,754	5,404	33,527	36,295	2,768	7.63

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
24	31,927	33,443	1,212	1,283	11,226	11,421	3,329	8,081	52,167	54,228	2,061	3.80
25	32,255	34,332	1,934	2,010	7,332	7,238	4,782	10,969	52,463	54,549	2,086	3.82
26	19,596	20,304	787	831	7,784	7,545	3,553	11,375	38,857	40,055	1,198	2.99
27	33,399	35,000	470	470	0	0	0	0	33,869	35,470	1,601	4.51
28	65,938	65,938	1,781	1,781	0	0	0	0	67,719	67,719	0	0.00
29	13,180	13,218	1,018	1,018	0	0	0	0	14,198	14,236	0,038	0.27
30	48,407	48,937	1,370	1,370	1,730	1,615	0	0	51,507	51,922	0,415	0.80
31	27,579	27,990	2,088	2,131	4,759	5,064	0	0	34,426	35,185	0,759	2.16
32	19,400	20,310	601	639	6,464	6,325	2,240	5,957	31,127	33,231	2,104	6.33
33	50,224	53,026	1,991	2,096	11,442	11,634	3,586	8,700	71,076	75,456	4,380	5.80
34	36,470	37,736	1,304	1,345	12,952	12,507	2,299	8,917	59,532	60,505	0,973	1.61
35	83,400	83,400	4,830	4,830	4,000	4,000	0	0	92,230	92,230	0	0.00
36	94,855	94,855	3,521	3,521	1,300	1,300	0	0	99,676	99,676	0	0.00
37	49,088	48,389	7,732	7,630	6,923	7,246	0	0	63,743	63,265	-0,478	-0.76
38	53,771	53,070	9,375	9,270	5,056	4,690	0	0	68,202	67,030	-1,172	-1.75
39	31,146	30,876	2,364	2,364	1,097	1,097	0,665	0,818	35,341	35,155	-0,186	-0.53
40	42,096	43,610	1,591	1,663	12,969	10,413	8,158	14,015	72,393	69,701	-2,692	-3.86
41	15,875	15,875	3,460	3,460	869	869	93	518	20,317	20,722	0,405	1.95

Comments:

Transshipment no.12 have a difference larger than 10% between the vessel and the observed figures. The observer believes that this difference can be explained by the vessel rounding up figures in the TD.

The transshipments 19, 28, 35 and 36 have a 0% of difference because the didn't declared the number of pieces transhipped. The observer had to use their own numbers to work out the weight transhipped.

6 Species and weight transferred

The vessel contained 134.690 tons of tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in Table 4, a breakdown by transshipment is shown in

and average weights by species are shown in Table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (Kg)	%	Weight (Kg)	%
Albacore	<i>Thunnus alalunga</i>	Unk	57,519	2.83	59,662	2.91
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	25,150	1.24	24,077	1.18
Atlantic sailfish	<i>Istiophorus albicans</i>	Unk	194	0.01	198	0.01
Bigeye tuna	<i>Thunnus obesus</i>	All	1,519,149	74.79	1,541,151	75.22
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All	1,270	0.06	1,187	0.06
Oilfish	<i>Ruvettus pretiosus</i>	All	5,003	0.25	4,685	0.23
Opah	<i>Lampris guttatus</i>	All	5,578	0.27	5,823	0.28
Swordfish	<i>Xiphias gladius</i>	N	19,596	0.96	19,469	0.95
Swordfish	<i>Xiphias gladius</i>	S	196,666	9.68	192,930	9.42
Yellowfin tuna	<i>Thunnus albacares</i>	All	201,000	9.90	199,713	9.75

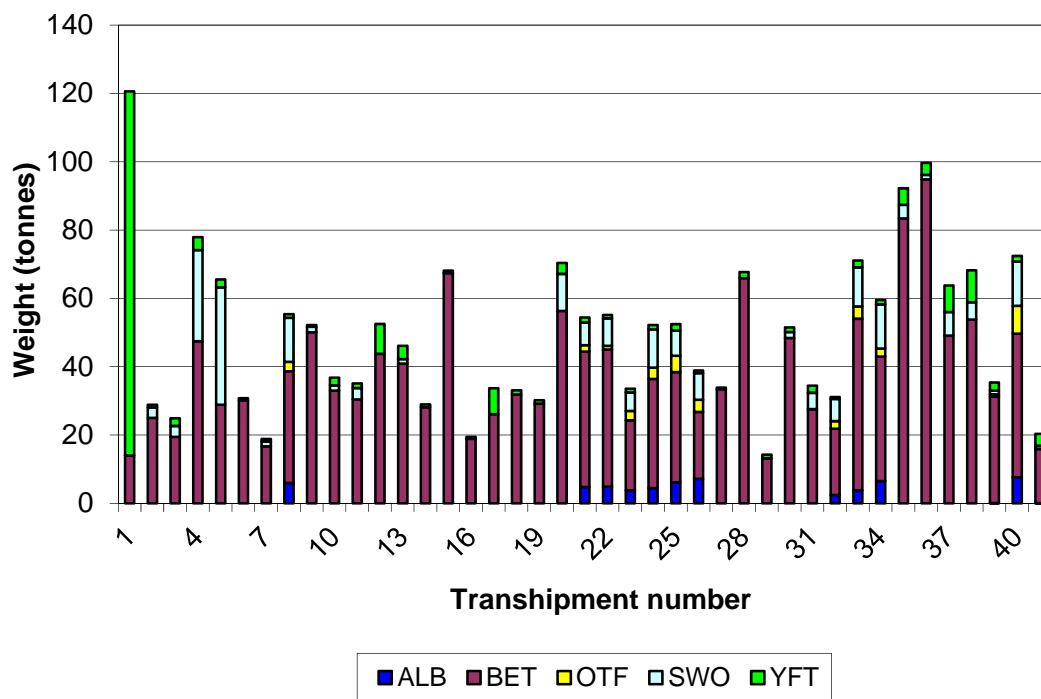


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common name	Scientific name	Average weight
Albacore	<i>Thunnus alalunga</i>	25.74
Atlantic blue marlin	<i>Makaira nigricans</i>	60.60
Atlantic sailfish	<i>Istiophorus albicans</i>	21.56
Bigeye tuna	<i>Thunnus obesus</i>	48.22
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	16.28
Oilfish	<i>Ruvettus pretiosus</i>	21.20
Opah	<i>Lampris guttatus</i>	15.08
Swordfish	<i>Xiphias gladius</i>	52.16
Yellowfin tuna	<i>Thunnus albacares</i>	45.30

Comments:

Products transhipped

All of these species were processed and frozen on board the LSTLVs prior to transshipment to the CV.

The main species transferred were bigeye tuna (*Thunnus obesus*), swordfish (*Xiphias gladius*) and yellowfin tuna (*Thunnus albacares*).

Bigeye (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*) products were transhipped as Gilled and Gutted (GG). Albacore (*Thunnus alalunga*) and narrow-barred Spanish mackerel (*Scomberomorus commerson*) were transhipped as Round Weight (RD). Swordfish (*Xiphias gladius*), Atlantic blue marlin (*Makaira nigricans*) and Atlantic sailfish (*Istiophorus albicans*) were transhipped as Head Off. Oilfish (*Ruvettus pretiosus*) and opah (*Lampris guttatus*) were transhipped as Other.

Weight and quantity estimations

The LSTLV provided total weight to transfer and number of fish of each species. The observer got the average weight for each species by dividing the LSTLV declared weight by the number of fish of each species.

The estimated number of fish and the different species were calculated when the fish was transhipped from the LSTLV in strings to the CV. The estimated total weight was calculated by multiplying the average weight of each species by the number of fish observed for that species. All the numbers were recorded in a notebook for later input into the observers database. Due to the difficulty in separating *T. obesus* and *T. albacares* during some transshipments a combined number was taken and then divided by the same proportion as that declared by the LSTLV.

No hook scale was present on the CV to determine string weights, so all declarations of numbers and weights came from the LSTLV. Only in the transshipments 19, 28, 35 and

36 the LSTLV didn't provided the total number of fish. The observer divided the LSTLV declared weight by the observed number of fish of each 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									

Table 7 Summary of southern bluefin catch documentation

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

Comments:

No southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs

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

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
15			Y	18/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	17/12/18
16			Y	20/12/18	N	Y	Y	Y	Y	31/03/19	Y	Y	Y	Y	Y	PB	18/12/19
17			Y	20/12/18	Y	Y	Y	Y	Y	31/03/19	Y	Y	Y	Y	Y	PB	19/12/18
18			Y	21/12/18	N	Y	Y	Y	Y	31/03/19	Y	Y	Y	Y	Y	PB	19/12/18
19			Y	21/12/18	Y	Y	Y	Y	Y	31/03/19	Y	Y	Y	Y	Y	PB	19/12/18
20			Y	22/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	20/12/18
21			Y	22/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	21/12/18
22			Y	22/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	21/12/18
23			Y	23/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	22/12/18
24			Y	23/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	21/12/18
25			Y	24/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	23/12/18
26			Y	24/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	23/12/18
27			Y	25/12/18	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	24/12/18
28			Y	25/12/18	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	24/12/18
29			Y	26/12/18	Y	Y	Y	Y	Y	31/10/19	Y	Y	Y	Y	Y	PB	25/12/18
30			Y	27/12/18	Y	Y	Y	Y	Y	31/10/19	Y	Y	Y	Y	Y	PB	27/12/18
31			Y	27/12/18	Y	Y	Y	Y	Y	31/10/19	Y	Y	Y	Y	Y	PB	27/12/18
32			Y	28/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	26/12/18
33			Y	28/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	27/12/18

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
34			Y	29/12/18	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	28/12/18
35			Y	30/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/12/18
36			Y	30/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	29/12/18
37			Y	03/01/19	Y	Y	Y	Y	N	31/12/18	Unk	Y	Y	Y	Y	PB	02/01/19
38			Y	03/01/19	Y	Y	Y	Y	N	31/12/18	Unk	Y	Y	Y	Y	PB	02/01/19
39			Y	03/01/19	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	02/01/19
40			Y	03/01/19	Y	Y	Y	Y	Y	31/03/20	Y	Y	Y	Y	Y	PB	02/01/19
41			Y	04/01/19	Y	Y	Y	Y	Y	01/03/20	Y	Y	Y	Y	Y	PB	03/01/19

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

Comments.

TABLE 8 COMMENTS ON LSPLV CHECKS

No	Comments
1	<p>XXX The XXX flagged vessels ATF was issued by XXX, a PNC was reported.</p> <p>Figure 3 XXX ATF.</p>
16	<p>XXX The vessel markings on the bow and stern had been partially worn away making them difficult to read. The FV Captain was informed and a PNC reported.</p> <p>Figure 4 XXX vessel markings</p>
18	<p>XXX The vessel markings on the bow and stern had been partially worn away making them difficult to read. The FV Captain was informed and a PNC reported.</p> <p>Figure 5 XXX vessel markings</p>

19	<p>XXX The original VMS onboard didn't work. The vessel has two connected boxes which were identified by the captain as the vessels VMS. The observer didn't recognise either VMS unit.</p> <p>Figure XXX VMS unit</p>
37	<p>XXX The Vessels ATF had expired, the captain said that CV XXX will provide the valid ATF at a later transshipment. A PNC was reported. The vessels authorised area of operations unclear on the ATF (ZEE RCI Au de la de douze (12) milles marin). New updated ATF was provided to MRAG by the CPC on the 15th January.</p> <p>ATF 2018 ATF 2019</p>
38	<p>XXX The Vessels ATF had expired, the captain said that CV XXX will provide the valid ATF at a later transshipment. A PNC was reported. The vessels authorised area of operations unclear on the ATF (ZEE RCI Au de la de douze (12) milles marin). New updated ATF was provided to MRAG by the CPC on the 15th January.</p> <p>ATF 2018 ATF 2019</p>

39

XXX

The vessel markings on bow had partially worn on the “No”, however, it was legible at the time of boarding. A PNC was not reported.

Figure 6 **XXX**

Bow markings

The observer made 5 Potential Non-Compliance (PNC) reports summarised below in Table 9.

PNC 22637 and 22638 has been subsequently explained by the CPC and new updated ATF was provided to MRAG by the CPC in 15th January.

TABLE 9 PNC REPORTS MADE

No	Vessel	ICCAT No	PNC Ref	PNC 1	PNC 2	PNC 3
1			22601	ANS		
16			22616	IIM		
18			22618	IIM		
37			22637	AID		
38			22638	AID		

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel follow the Marpol regulations. The galley waste and paper products were the only waste that was disposed to the sea. The collected residue from the incinerator was stored to appropriate stencilled drum, so was every other waste products.



9.2 Unidentified or IUU vessels

No IUU activities were observed during the deployment.

9.3 Marine mammals.

No marine mammals were sighted during the deployment.

10 Health and Safety on board the CV

No Health and Safety concerns were observed. The observer did not participate in any safety drills while on this deployment.

11 Submitting Report to the Master

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

Yes	No
X	

Appendix I – Non-ROP Transhipments.

TABLE 11 NON ROP TRANSHIPMENTS

Vessel	RFMO Number	Date	Lat	Lon	Comments
		10/12/18	5°09.109'S	6°18.418'W	Baits, Cargo
		10/12/18	5°08.060'S	6°19.262'W	Baits, food
		13/12/18	3°30.047'S	20°59.296'W	Baits, Cargo
		14/12/18	6°04.725'S	17°57.046'W	Baits, Cargo
		19/12/18	5°58.528'S	22°02.109'W	Baits, Cargo
		19/12/18	5°58.428'S	22°02.340'W	Baits, Cargo
		19/12/18	5°54.780'S	22°20.946'W	Cargo
		19/12/18	5°54.171'S	22°21.235'W	Bait, Food
		02/02/19	7° N	27° W	Bait, Food

Appendix II – In port transhipments.

TABLE 12 PORT TRANSHIPMENTS

No	LSPLV NAME	ICCAT No	Date dd/mm/yy	Location		Obs (Y/N)	Transhipped (MT's)				
				Lat-N	Long-W		BFT	BET	YFT	OTF	Total
1			06/01/2019	16°53.345'N	25°00.372'W	N	55.347	34.766	10.260	10.360	110.733
2			07/01/2019	16°53.345'N	25°00.372'W	N	55.348	27.928	13.455	3.190	99.921
3			07/01/2019	16°53.345'N	25°00.372'W	N	55.346	35.000	21.392	3.909	115.647
4			08/01/2019	16°53.345'N	25°00.372'W	N	55.233	46.970	21.059	5.665	128.927
5			09/01/2019	16°53.345'N	25°00.372'W	N	55.297	61.841	12.607	11.458	141.203
6			09/01/2019	16°53.345'N	25°00.372'W	N	55.352	25.501	15.133	2.122	98.108

Comment:

The entire port transhipments were conducted by the CV in Mindelo.

ICCAT

Observer Report



Trip Number:	227-18
Vessel Name:	Taisei Maru No.15
ICCAT Ref. No.	AT000JPN00651
Observer Name:	Llewellyn Lewis
Cruise Dates:	From: 03/12/2018 to: 03/02/2019

1 Cruise Summary

In accordance with the bilateral agreement between Taisei Maru Kaiun Kaisha Ltd and Capricorn Fisheries Monitoring, Llewellyn Lewis (ROP no.115) joined the Japanese registered Carrier Vessel (CV) Taisei Maru no.15 (RFMO no. AT000JPN00651) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 03/12/2018 to 03/02/2019.

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	FlagState:	Japan
Owner:	Taisei Maru Kaiun Ltd	Charterer:	Taisei Maru Kaiun Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	3,200 t / 6,3357 m ³
Size (GRT):	4,969	Length (LOA):	124.25m
On-board acoustic equipment:	JRC JFE 570 S		
Position fixing equipment:	JRC JLR 7700MK II (x2)		
Vessel monitoring system (present/absent):	Present		
Radar:	JMA 9833SA / JMA 7700 series		
Communications equipment:	HF JRC JSS-800 VHF JRC JHS-32A (x2) Inmarsat JRC 85		
Plotters:	JRC JMA-7700		
Tuna products already on board (Quantity)	N/A		

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Cape Town
Date of embarkation	03/12/2018
Method of embarkation	Portside
Date of departure	03/12/2018
Date of first transshipment	06/12/2018
Date of last transshipment	28/02/2019
Date of return	03/02/2019
Date of disembarkation	03/02/2019
Method of disembarkation	Portside
Port of return	Cape Town

4 Carrier Vessel Activities Summary

4.1 Logistics & Areas of Activity

The CV completed a total of 43 transhipments at sea. The locations are shown in detail in Figure 1, the numbers received by nationality of vessel are given in Table 1.

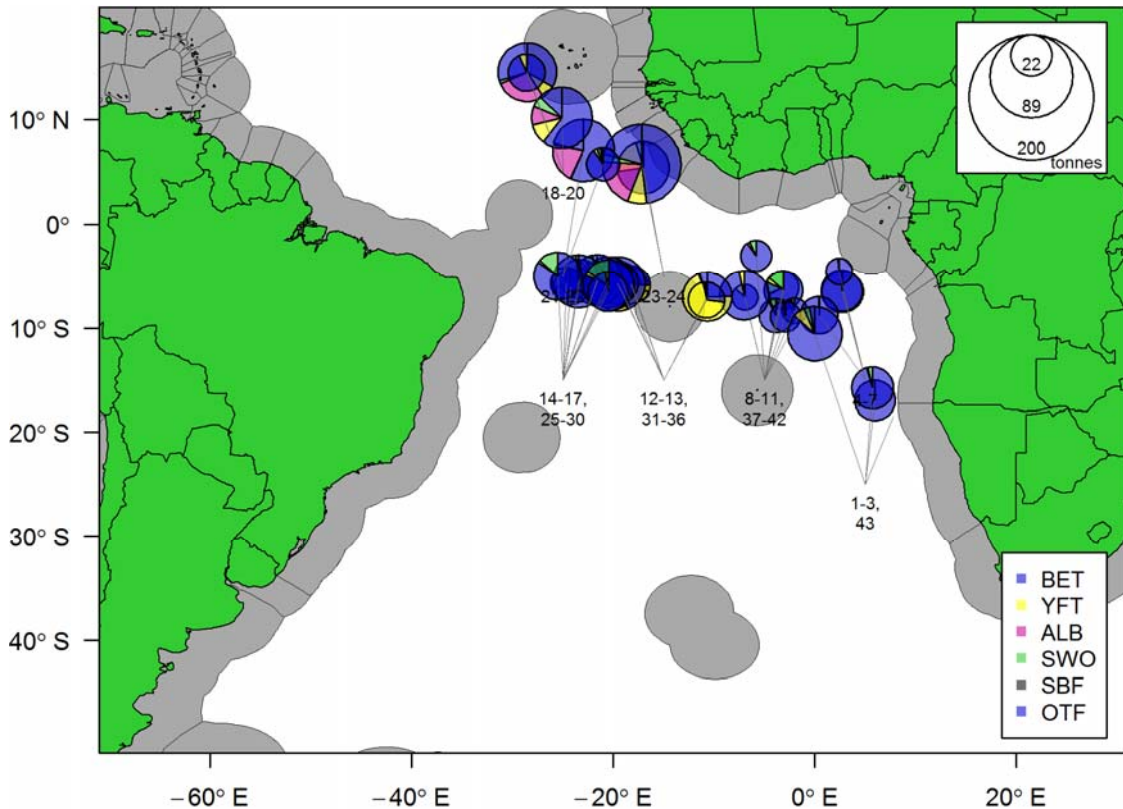


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	29
XXX	14

Comments:

In addition to the transhipments reflected in table 1, the CV conducted 21 non-ROP cargo transhipments at sea. Details of these transhipments are shown in Table 11. The CV also visited Porto Grande, Cape Verde and completed 9 in-port transhipment while on anchor from 31/12/2018 to 08/01/2019. On the 06/01/2019 the CV went alongside to take bunkers and returned to anchor on the 08/01/2019. The CV made one transhipment on anchor on the 08/01/2019 before sailing. Details of these transhipments are shown 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
6				-1	13/12/18	06°24.406 S	002°40.878 E	01:08	100.00%
8				-1	15/12/18	08°20.273 S	001°14.441 W	00:35	100.00%
9				-1	16/12/18	06°20.262 S	003°06.957 W	01:05	100.00%
10				-1	16/12/18	06°04.596 S	003°10.127 W	01:01	100.00%
11				-1	17/12/18	03°02.658 S	005°49.082 W	00:30	100.00%
12				-1	20/12/18	05°45.041 S	019°31.221 W	00:58	100.00%
13				-1	20/12/18	05°39.46 S	019°35.18 W	00:49	100.00%
14				-1	22/12/18	05°34.535 S	020°31.272 W	00:39	100.00%
15				-1	23/12/18	05°23.357 S	021°33.544 W	00:30	100.00%
16				-1	23/12/18	05°22.741 S	021°34.651 W	00:45	100.00%
17				-1	25/12/18	05°18.039 S	023°16.711 W	02:06	100.00%
25				-1	17/01/19	04°59.542 S	025°30.628 W	01:45	100.00%
26				-1	17/01/19	05°39.428 S	024°40.816 W	03:00	100.00%
27				-1	18/01/19	06°02.815 S	024°10.906 W	01:00	100.00%
28				-1	18/01/19	05°29.89 S	023°24.889 W	02:50	100.00%
29				-1	19/01/19	06°29.14 S	020°29.699 W	01:33	100.00%
30				-1	19/01/19	05°54.141 S	020°26.637 W	00:45	100.00%
31				-1	20/01/19	06°00.1 S	019°20.15 W	00:50	100.00%
32				-1	20/01/19	05°17.716 S	019°15.44 W	02:20	100.00%
33				-1	21/01/19	05°49.379 S	018°10.796 W	01:45	100.00%
34				-1	21/01/19	05°46.568 S	018°13.161 W	02:40	100.00%
35				-1	23/01/19	06°58.26 S	010°39.45 W	01:30	100.00%

No	Name	RFMO No	Flag	Inspected	Date	Latitude	Longitude	Transhipment time	% Observed
36				-1	23/01/19	07°17.168 S	010°44.919 W	01:45	100.00%
37				-1	24/01/19	06°49.909 S	006°59.95 W	01:30	100.00%
38				-1	24/01/19	07°01.334 S	006°56.003 W	00:35	100.00%
39				-1	25/01/19	08°50.489 S	003°51.29 W	01:25	100.00%
40				-1	25/01/19	08°48.116 S	003°50.146 W	02:23	100.00%
41				-1	26/01/19	08°19.756 S	001°59.902 W	02:00	100.00%
42				-1	26/01/19	08°54.336 S	002°54.285 W	01:25	100.00%

Comments: None

Table 3 Summary of vessel / observer estimated figures

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
6	26,503	25,800	1,008	1,850	0	0	0	0	27,511	27,650	139	0.50%
8	9,694	9,903	0	0	0	0	0	0	9,694	9,903	209	2.11%
9	13,552	13,993	46	92	6,732	6,600	0	0	20,330	20,685	355	1.72%
10	17,224	17,407	508	509	1,379	1,380	0	0	19,111	19,296	185	0.96%
11	12,275	11,713	1,661	1,869	0	0	0	0	13,936	13,582	-354	-2.61%
12	18,476	24,901	1,260	1,161	3,953	4,130	0	0	23,689	30,192	6,503	21.54%
13	22,476	21,548	306	394	1,321	1,385	0	0	24,103	23,327	-776	-3.33%
14	12,873	12,577	280	506	0	0	0	0	13,153	13,083	-70	-0.54%
15	17,528	18,269	275	386	0	0	0	0	17,803	18,655	852	4.57%
16	15,797	16,345	517	706	0	0	0	0	16,314	17,051	737	4.32%
17	47,678	47,852	1,131	1,784	0	0	0	0	48,809	49,636	827	1.67%
25	28,625	28,191	720	1,138	5,720	6,285	0	0	35,065	35,614	549	1.54%
26	45,166	44,500	1,790	1,700	1,778	1,780	2,025	2,200	50,759	50,180	-579	-1.15%
27	21,578	21,193	232	326	7,192	7,400	0	0	29,002	28,919	-83	-0.29%
28	41,931	45,000	1,028	1,100	2,747	2,750	1,358	1,700	47,064	50,550	3,486	6.90%
29	25,358	24,805	557	604	6,812	6,265	0	0	32,727	31,674	-1,053	-3.32%
30	13,622	13,468	51	408	6,552	6,200	0	0	20,225	20,076	-149	-0.74%

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
31	24,501	24,117	135	371	0	0	0	0	24,636	24,488	-148	-0.60%
32	56,072	55,779	497	939	0	0	0	0	56,569	56,718	149	0.26%
33	40,538	38,889	220	738	6,900	6,251	0	0	47,658	45,878	-1,780	-3.88%
34	42,051	43,510	836	1,230	8,777	8,388	0	0	51,664	53,128	1,464	2.76%
35	30,933	31,350	595	650	0	0	0	0	31,528	32,000	472	1.48%
36	34,996	34,675	210	477	0	0	0	0	35,206	35,152	-54	-0.15%
37	33,682	34,263	150	131	0	0	0	0	33,832	34,394	562	1.63%
38	13,864	13,636	200	212	0	0	0	0	14,064	13,848	-216	-1.56%
39	27,599	28,686	60	80	0	0	0	0	27,659	28,766	1,107	3.85%
40	47,168	47,300	40	0	0	0	0	0	47,208	47,300	92	0.19%
41	33,484	33,059	0	0	0	0	0	0	33,484	33,059	-425	-1.29%
42	30,627	33,834	90	218	1,554	1,400	0	0	32,271	35,452	3,181	8.97%

Comments:

Transshipment #12:

The LSPLV declared 24.901t of *Thunnus obesus* (783 fish) resulting in an average weight of 31.802kg. The observer counted only 327 fir this species but considered the calculated average weight of 31.802kg not realistic. His visual weight estimations indicated an average weight of 56.5kg was more realistic. This still resulted in an estimated weight much lower than the amount declared.

6 Species and weight transferred

The vessel contained no tuna products when the observer boarded. The total declared weight of all species transferred during the trip is shown in table 4, a breakdown by transshipment is shown in table 5.

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight (t)	%	Weight (t)	%
Albacore	<i>Thunnus alalunga</i>	N	0.00	0.00%	2.15	0.14%
Albacore	<i>Thunnus alalunga</i>	S	0.00	0.00%	72.81	4.67%
Albacore	<i>Thunnus alalunga</i>	Unk	60.58	3.98%	0.00	0.00%
Atlantic blue marlin	<i>Makaira nigricans</i>	N	0.00	0.00%	9.12	0.58%
Atlantic blue marlin	<i>Makaira nigricans</i>	S	0.00	0.00%	9.51	0.61%
Atlantic blue marlin	<i>Makaira nigricans</i>	Unk	17.01	1.12%	0.00	0.00%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	NE	0.00	0.00%	0.25	0.02%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	SE	0.00	0.00%	0.17	0.01%
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	Unk	0.47	0.03%	0.00	0.00%
Bigeye tuna	<i>Thunnus obesus</i>	All	0.00	0.00%	1220.20	78.18%
Bigeye tuna	<i>Thunnus obesus</i>	Unk	1198.39	78.75%	0.00	0.00%
Dolphinfish	<i>Coryphaena hippurus</i>	NE	0.00	0.00%	0.22	0.01%
Dolphinfish	<i>Coryphaena hippurus</i>	SE	0.00	0.00%	0.30	0.02%
Dolphinfish	<i>Coryphaena hippurus</i>	Unk	0.25	0.02%	0.00	0.00%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	SE	0.00	0.00%	2.18	0.14%
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Unk	2.19	0.14%	0.00	0.00%
Mako sharks	<i>Isurus spp</i>	Unk	0.46	0.03%	0.00	0.00%
Opah	<i>Lampris guttatus</i>	NE	0.00	0.00%	0.07	0.00%
Opah	<i>Lampris guttatus</i>	SE	0.00	0.00%	0.30	0.02%
Opah	<i>Lampris guttatus</i>	Unk	0.26	0.02%	0.00	0.00%
Other fish	N/A	SE	0.00	0.00%	0.19	0.01%
Other fish	N/A	Unk	1.59	0.10%	0.00	0.00%
Shortfin mako	<i>Isurus oxyrinchus</i>	SE	0.00	0.00%	0.51	0.03%
Striped marlin	<i>Tetrapturus audax</i>	SE	0.00	0.00%	0.05	0.00%
Striped marlin	<i>Tetrapturus audax</i>	Unk	0.07	0.00%	0.00	0.00%
Swordfish	<i>Xiphias gladius</i>	N	0.00	0.00%	9.85	0.63%
Swordfish	<i>Xiphias gladius</i>	S	0.00	0.00%	74.12	4.75%
Swordfish	<i>Xiphias gladius</i>	Unk	87.42	5.74%	0.00	0.00%
Yellowfin tuna	<i>Thunnus albacares</i>	All	0.00	0.00%	158.70	10.17%
Yellowfin tuna	<i>Thunnus albacares</i>	Unk	153.07	10.06%	0.00	0.00%

Comments:

All: All stock Atlantic Ocean, S: Southern stock, N: Northern stock, SE: South-eastern stock, NE: North-eastern stock, Unk: Unknown stock area.

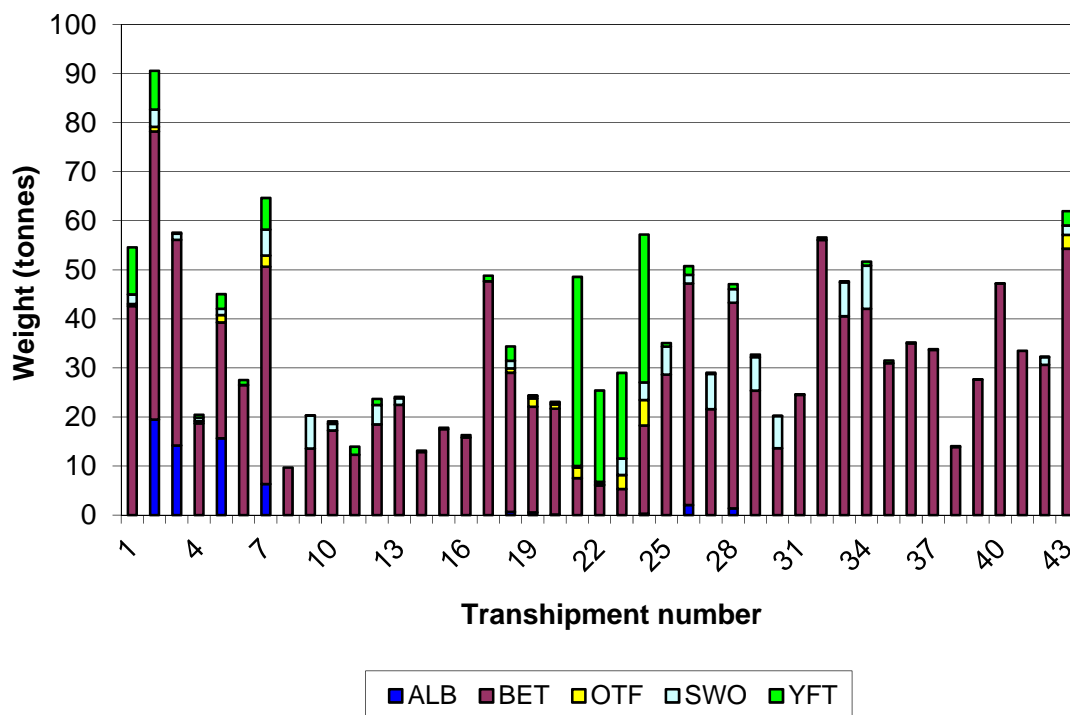


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

Common Name	Scientific name	Average weight (kg)
Albacore	<i>Thunnus alalunga</i>	13.84
Atlantic blue marlin	<i>Makaira nigricans</i>	108.37
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	14.82
Bigeye tuna	<i>Thunnus obesus</i>	44.20
Dolphinfish	<i>Coryphaena hippurus</i>	4.52
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	17.79
Mako sharks	<i>Isurus spp</i>	16.35
Opah	<i>Lampris guttatus</i>	9.79
Other fish Unclassified	N/A	24.89
Striped marlin	<i>Tetrapturus audax</i>	17.60
Swordfish	<i>Xiphias gladius</i>	49.72
Yellowfin tuna	<i>Thunnus albacares</i>	46.90

Comments:

Fish were transferred directly from the LSPLV holds in strings and transferred to the CV. The CV weighted each string using a hook scale. The weights derived by means of the hook scale were not used in the Transshipment Declaration (TD). The LSPLVs declared weights was use for the TD. The observer used the declared weight and number of fish to calculate the average fish weight for each species. These averages mostly appeared realistic compared to the observed average weights. On the odd occasion when these weights appeared unrealistic the observed average weights were used. The observed average weight were visually made and using the fish that was used for temperature analysis as a source. All albacore (*Thunnus alalunga*) were in a whole processed type with only the tails removed.

Species observed during the voyage were processed as follows:

English name	Scientific name	Process type	Product code
Albacore	<i>Thunnus alalunga</i>	Whole	RD
Atlantic blue marlin	<i>Makaira nigricans</i>	Headed, gutted & tailed	DR
Atlantic blue marlin	<i>Makaira nigricans</i>	Gilled, gutted & tailed	GG
Spanish mackerel	<i>Scomberomorus maculatus</i>	Headed, gutted & tailed	DR
Bigeye tuna	<i>Thunnus obesus</i>	Gilled, gutted & tailed	GG
Dolphinfish	<i>Coryphaena hippurus</i>	Whole	RD
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	Headed, gutted & tailed	DR
Mako sharks	<i>Isurus spp</i>	Fillet	FL
Opah	<i>Lampris guttatus</i>	Headed, gutted & tailed	DR
Striped marlin	<i>Tetrapturus audax</i>	Gilled, gutted & tailed	GG
Swordfish	<i>Xiphias gladius</i>	Headed, gutted & tailed	DR
Swordfish	<i>Xiphias gladius</i>	Fillet	FL
Yellowfin tuna	<i>Thunnus albacares</i>	Gilled, gutted & tailed	DR

Other fish (OTF) included frozen blocks of tuna stomachs, frozen blocks of tuna roes (gonads) and pieces of sunfish (*Mola mola*) belly meat all package in rice bags.

7 Southern bluefin tuna transshipments

No Southern Bluefin tuna (*Thunnus maccoyii*) was transhipped for the voyage at sea.

8 LSPLV Checks

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

Table 6 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
6			Yes	13/12/18	Yes	Yes	Yes	Faxed	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	12/12/18
8			Yes	15/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	14/12/18
9			Yes	16/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	15/12/18
10			Yes	16/12/18	Yes	Yes	Yes	Faxed	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	15/12/18
11			Yes	17/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	16/12/18
12			Yes	20/12/18	Yes	Yes	Yes	Yes	Yes	12/01/19	Yes	Yes	Yes	Yes	Yes	PB	20/12/18
13			Yes	20/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	20/12/18
14			Yes	22/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	21/12/18
15			Yes	23/12/18	Yes	Yes	Yes	Yes	Yes	15/12/20	Yes	Yes	Yes	Yes	Yes	PB	22/12/18
16			Yes	23/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Y	Yes	Yes	Yes	PB	23/12/18
17			Yes	25/12/18	Yes	Yes	Yes	Yes	Yes	31/12/18	Yes	Yes	Yes	Yes	Yes	PB	25/12/18
25			Yes	17/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	17/01/19
26			Yes	17/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	16/01/19
27			Yes	18/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	18/01/19
28			Yes	18/01/19	Yes	Yes	Yes	Yes	Yes	19/01/20	Yes	Yes	Yes	Yes	Yes	PB	17/01/19
29			Yes	19/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	19/01/19
30			Yes	19/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	19/01/19
31			Yes	20/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	20/01/19
32			Yes	20/01/19	Yes	Yes	Yes	Yes	Yes	24/05/19	Yes	Yes	Yes	Yes	Yes	PB	20/01/19

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			Yes	21/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	21/01/19
34			Yes	21/01/19	Yes	Yes	Yes	Yes	Yes	17/09/19	Yes	Yes	Yes	Yes	Yes	PB	21/01/19
35			Yes	23/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	22/01/19
36			Yes	23/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	23/01/19
37			Yes	24/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	23/01/19
38			Yes	24/01/19	Yes	Yes	Yes	Yes	Yes	06/07/20	Yes	Yes	Yes	Yes	Yes	PB	24/01/19
39			Yes	25/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	24/01/19
40			Yes	25/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Y	Yes	Yes	Yes	PB	25/01/19
41			Yes	26/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	25/01/19
42			Yes	26/01/19	Yes	Yes	Yes	Yes	Yes	31/12/19	Yes	Yes	Yes	Yes	Yes	PB	25/01/19

Comments:

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

Table 7 Comments on LSPLV checks

No	Comments
6	The LSPLV did not have a copy of the in-date Authorisation to Fish (ATF) or the Authorisation to Tranship (ATT) on board. A copy of the ATF and the ATT was faxed to the CV from the LSPLV company before the transhipment commenced.
10	The ATF was faxed to the CV prior to the transhipment together with the ATT.
12	The LSPLV VMS was fitted with a power supply unit which could be switched off. The power was switched on at the time of the on-board inspection. Figure 3 VMS and associated power supply fitted to the XXX

No		Comments
14		<p>The CLS LEO VMS system was fitted with a power switch which was switched on at the time of the on-board inspection.</p> <p>Figure 4 VMS and associated switch on board the XXX</p>
15		<p>The LSPLV VMS system was fitted with a power switch which was switched on at the time of the on-board inspection.</p> <p>Figure 5 VMS and power switch fitted to the LSPLV XXX</p>
26		<p>The LSPLV VMS was fitted with a power supply unit which could switched off when required. The unit was switched on at the time of the on-board inspection.</p> <p>Figure 9 VMS and associated power supply with switch on board the XXX</p>
28		<p>The LSPLV ATF was not available in the current format. The old format ATF was available and was in date.</p> <p>Figure 10 ATF on board the XXX</p>
29		<p>The LSPLV VMS unit was fitted with a power supply unit which could switched off when required. The unit was switched on at the time of the on-board inspection.</p> <p>Figure 11 VMS and power supply with switch on board the XXX</p>
38		<p>The ATF on board the LSPLV was not in the currently prescribed format of the Chinese Taipei ATF. The document had an expiry date of 06/07/2020.</p> <p>Figure 12 Older format ATF on board the XXX</p>

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

Table 8 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

All galley waste was first mechanically crushed before being disposed of at sea through a pipeline attached to the crusher. All other waste was incinerated except for metal and glass that was retained for land disposal.

9.2 Unidentified or IUU vessels

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

9.3 Marine mammals.

No marine mammals were sight for the duration of the voyage.

10 Submitting Report to the Master

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

Yes	No
X	

Table 9 Non ROP Transhipments at sea

No	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
07			15/12/18	-08° 17.814	-001° 15.745	Supplied with bait and supplies	Yes
08			16/12/18	-06° 30.302	-003° 08.169	Supplied with bait and supplies	Yes
09			21/12/18	-06° 47.980	-018° 57.383	Supplied with bait	Yes
10			21/12/18	-06° 41.643	-018° 56.630	Supplied with bait	Yes
11			21/12/18	-06° 28.142	-019° 04.020	Supplied with bait	Yes
12			21/12/18	-06° 19.424	-018° 59.130	Supplied with bait	Yes
13			22/12/18	-06° 48.275	-020° 02.417	Supplied with bait	Yes
14			24/12/18	-06° 29.303	-024° 00.183	Supplied with bait	Yes
15			24/12/18	-06° 16.222	-023° 26.947	Supplied with bait and provisions	Yes
16			25/12/18	-03° 47.942	-023° 40.448	Supplied with bait and fresh fruit	Yes

Table 10 Transhipments in the port area of Port Grande, Cabo Verde

No	Vessel	RFMO Number	Date	Lat	Lon	Comments	Photo
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Comments:

ICCAT

Observer Report



Trip Number:	228/18
Vessel Name:	Genta Maru
ICCAT Ref. No.	AT000LBR00006
Observer Name:	Daniel Andrade
Cruise Dates:	From: 13/12/2018 To: 21/01/2019

1 Cruise Summary

In accordance with the bilateral agreement between Toei Reefer Line Ltd and MRAG, Daniel Andrade (ROP no.166) joined the Liberian registered Carrier Vessel (CV) Genta Maru (AT000LBR00006) as the ROP observer, monitoring the transshipment of tuna, tuna-like species and other species caught in association with these species in the Atlantic Ocean from 12/12/2018 to 21/01/2019.

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 LSTPV that intended to tranship to the carrier vessel in order to:

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

2 Carrier Vessel details

Vessel name:	Genta Maru	Call sign:	D5JO9
Port of registration:	Monrovia	Flag State:	Liberia
Owner:	Panama TRL S.A	Charterer:	Toei Reefer Line Ltd
Vessel type:	Refrigerated Cargo Carrier	Hold capacity:	2,409.873 Tons
Size (GRT):	3,998 Tons	Length (LOA):	96.06 m
Vessel monitoring system (present/absent):		Present: Argos CLS LEO	
Tuna products already on board (Quantity)		404.847 Tons	

3 Embarking / Disembarking on / from Carrier Vessel

Port of departure	Walvis Bay - Namibia
Date of embarkation	12/12/2018
Method of embarkation*	Portside
Date of departure	13/12/2018
Date of first transshipment	16/12/2018
Date of last transshipment	12/01/2019
Date of return	21/01/2019
Date of disembarkation	21/01/2019
Method of disembarkation*	Portside
Port of return	Cape Town, South Africa

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

The vessel made a total of 23 transhipments at sea, the locations are shown in detail in

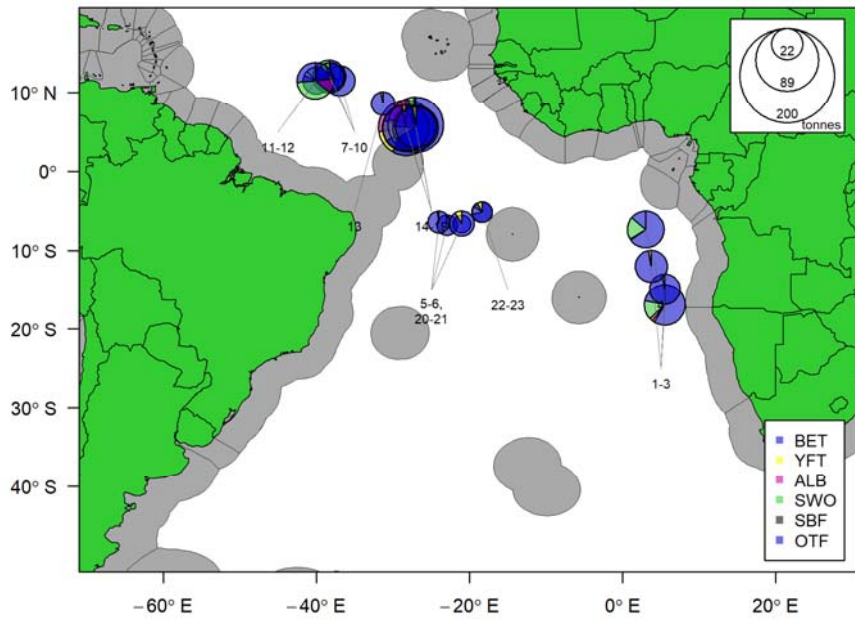


Figure 1, the numbers received by nationality of vessel are given in Table 1.

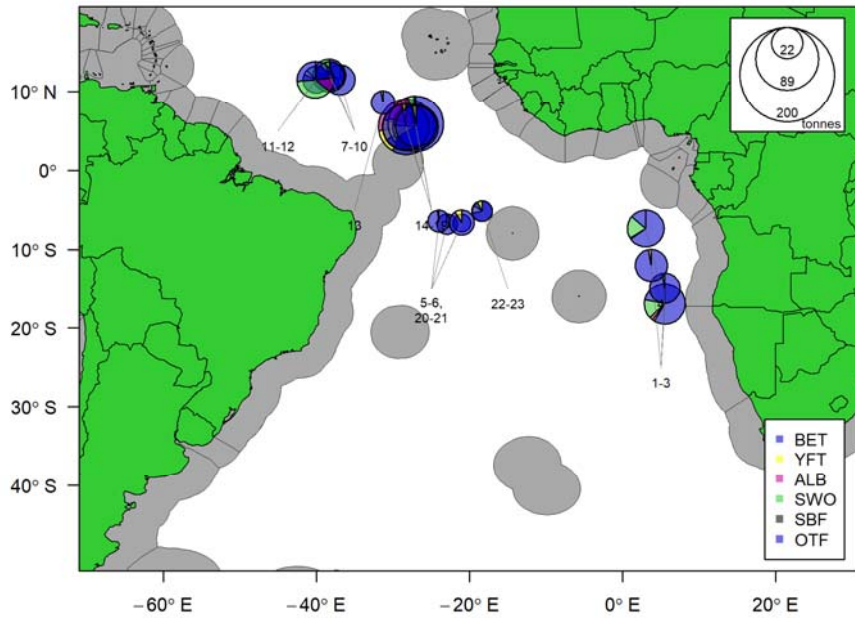


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
XXX	1
XXX	6
XXX	11
XXX	5

Comments: Additionally, 3 NON-ROP transhipments occurred with XXX LSPLVs and one XXX vessel.

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

No	Name	RFMO No	Flag	Checked	Date	Latitude	Longitude	Transhipment time	% Observed
1				Y	16/12/2018	16°54.4 S	005°29.9 E	07:30	100
2				Y	17/12/2018	14°54.4 S	005°29.9 E	05:26	100
3				Y	18/12/2018	11°59.8 S	003°44.2 E	06:25	100
4				Y	20/12/2018	07°19.9 S	003°00.5 E	05:10	100
5				Y	25/12/2018	06°47 S	022°56 W	03:09	100
6				Y	26/12/2018	06°23.84 S	024°00.22 W	02:54	100
7				Y	01/01/2019	11°28.545 N	036°56.174 W	01:05	100
8				Y	02/01/2019	11°59.608 N	038°10.682 W	01:58	100
9				Y	02/01/2019	11°59.796 N	038°15.311 W	01:49	100
10				Y	02/01/2019	12°01.082 N	038°19.569 W	01:58	100
11				Y	03/01/2019	11°29.819 N	040°00.336 W	02:04	100
12				Y	03/01/2019	11°28.05 N	040°08.076 W	01:54	100
13				Y	05/01/2019	08°35.945 N	031°18.452 W	03:02	100
14				Y	07/01/2019	05°30.211 N	028°15.388 W	00:28	100
15				Y	07/01/2019	05°30.089 N	028°17.566 W	00:41	100
16				Y	07/01/2019	05°29.643 N	028°19.981 W	02:15	100
17				Y	08/01/2019	05°34.966 N	027°00.401 W	01:01	100
18				Y	08/01/2019	05°53.157 N	027°01.812 W	00:30	100
19				Y	08/01/2019	05°31.533 N	027°03.103 W	00:36	100
20				Y	11/01/2019	06°38.775 S	020°59.827 W	02:12	100
21				Y	11/01/2019	06°35.046 S	021°01.056 W	05:09	100
22				Y	12/01/2019	05°09.905 S	018°20.198 W	01:18	100
23				Y	12/01/2019	05°08.451 S	018°22.579 W	01:35	100

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

No	Bigeye		Yellowfin		Swordfish		Other		Total		Difference	
	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Observed	Vessel	Weight	%
1	66,047	68,179	16,153	16,743	2,502	2,41	1,036	29,485	111,839	116,817	4,978	4.26
2	51,039	56,547	17,017	12,469	1,516	1,163	1,687	15,999	83,468	86,178	2,710	3.14
3	68,429	74,171	15,569	16,824	5,574	4,482	1,007	21,169	108,392	116,646	8,254	7.08
4	46,311	51,785	6,547	7,111	5,359	2,016	2,919	16,761	76,798	77,673	0,875	1.13
5	76,015	78,098	1,999	2,04	0	0	0	0	78,014	80,138	2,124	2.65
6	61,527	61,786	1,613	1,613	0	0	0	0	63,14	63,399	259	0.41
7	19,948	19,948	0,569	0,569	0	0	0	0	20,517	20,517	0	0.00
8	26,992	27,617	1,57	1,606	5,254	5,204	0	0	33,816	34,427	611	1.77
9	32,646	33,487	1,533	1,577	6,096	6,096	0	0	40,275	41,16	885	2.15
10	22,094	22,517	0,918	0,918	6,794	6,49	0	0	29,806	29,925	119	0.40
11	25,98	27,039	1,775	1,86	1,619	1,619	0	0	29,374	30,518	1,144	3.75
12	21,538	22,22	1,403	1,442	3,539	3,593	0	0	26,48	27,255	775	2.84
13	11,574	11,429	0,377	0,377	19,074	19,353	13,182	19,792	50,159	50,951	792	1.55
14	11,079	11,079	2,003	2,003	2,341	2,341	0	0	15,423	15,423	0	0.00
15	14,909	14,909	1,303	1,303	0	0	0	0	16,212	16,212	0	0.00
16	15,469	15,469	0,117	0,117	0	0	0	0	15,586	15,586	0	0.00
17	17,867	17,624	0,418	0,418	0	0	0	0	18,285	18,042	-243	-1.35
18	11,784	11,784	0	0	0	0	0	0	11,784	11,784	0	0.00
19	21,245	21,4	2,195	2,196	0	0	0	0	23,44	23,596	156	0.66
20	32,124	33,321	1,238	0,457	8,688	10,123	7,141	7,243	49,191	51,144	1,953	3.82
21	37,191	37,217	1,444	1,007	8,139	9,593	13,876	15,581	61,88	63,398	1,518	2.39
22	34,133	34,133	0,98	0,98	0	0	0	0	35,113	35,113	0	0.00
23	37,806	37,806	1,118	1,118	0	0	0	0	38,924	38,924	0	0.00

Comments:

The observer was not provided with a number of fish transhipped during the transhipments 13, 14, 16, 18, 22 and 23. For this reason there is no difference between the observed and declared figures.

6 Species and weight transferred

The vessel contained 404.847 Tons of tuna and tuna like products when the observer boarded. The total declared weight of all species transferred during the trip is shown in **Error! Reference source not found.**, a breakdown by transshipment is shown in **Error! Reference source not found.**

Table 4 Total weight of fish transhipped by species

Common Name	Scientific Name	Stock ID	Observed		Declared	
			Weight	%	Weight	%
Albacore	<i>Thunnus alalunga</i>	S	78,967	7.6	83,833	7.9
Atlantic blue marlin	<i>Makaira nigricans</i>	S	9,267	0.9	9,251	0.9
Atlantic sailfish	<i>Istiophorus albicans</i>	W	2,268	0.2	2,585	0.2
Bigeye tuna	<i>Thunnus obesus</i>	All	763,747	73.6	789,565	74.1
Blue shark	<i>Prionace glauca</i>	SW	13,590	1.3	13,149	1.2
Dolphinfish	<i>Coryphaena hippurus</i>	SW	688	0.1	688	0.1
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SE	529	0.1	680	0.1
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	SW	1,314	0.1	0	0
Oilfish	<i>Ruvettus pretiosus</i>	SW	6,725	0.6	6,911	0.6
Opah	<i>Lampris guttatus</i>	SE	1,158	0.1	1,741	0.2
Opah	<i>Lampris guttatus</i>	SW	1,459	0.1	1,453	0.1
Other fish Unclassified	N/A	All	3,828	0.4	5,717	0.5
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	SW	22	0	22	0
Swordfish	<i>Xiphias gladius</i>	N	14,530	1.4	15,279	1.4
Swordfish	<i>Xiphias gladius</i>	S	61,965	6	59,204	5.6
Yellowfin tuna	<i>Thunnus albacares</i>	All	77,859	7.5	74,748	7

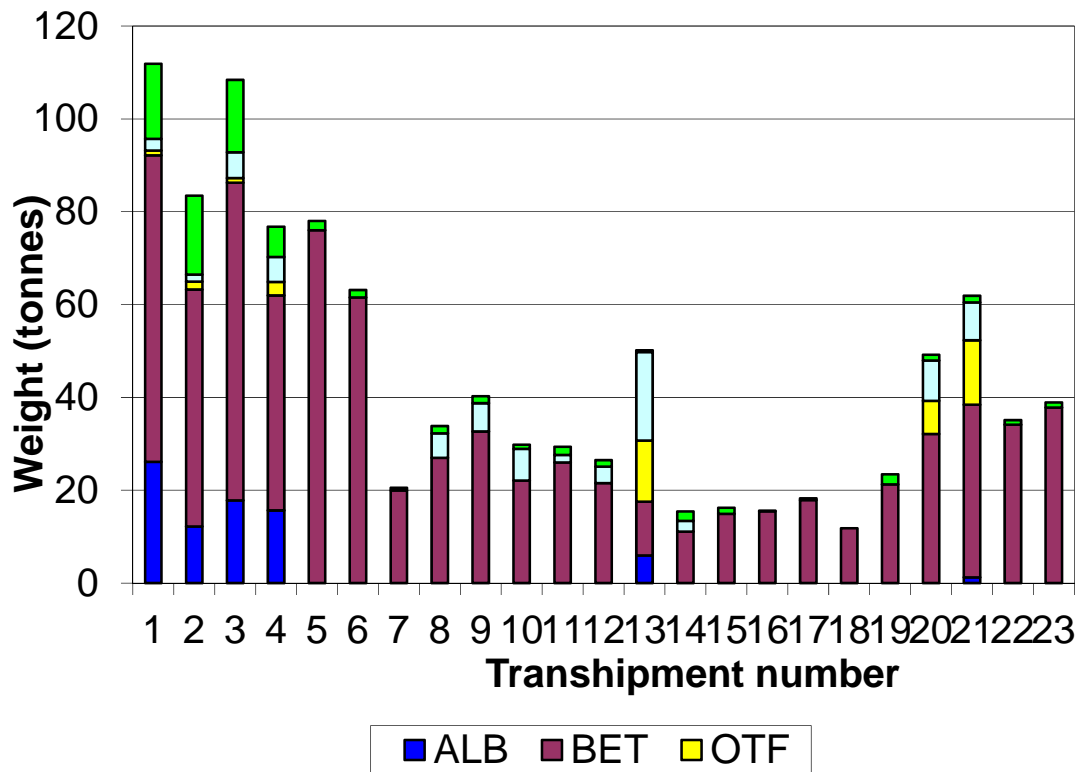


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

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

Common Name	Scientific name	Average weight
Albacore	<i>Thunnus alalonga</i>	13.48
Atlantic blue marlin	<i>Makaira nigricans</i>	128.71
Atlantic sailfish	<i>Istiophorus albicans</i>	18.00
Bigeye tuna	<i>Thunnus obesus</i>	44.99
Blue shark	<i>Prionace glauca</i>	23.76
Dolphinfish	<i>Coryphaena hippurus</i>	5.73
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	15.11
Oilfish	<i>Ruvettus pretiosus</i>	12.18
Opah	<i>Lampris guttatus</i>	9.73
Other fish Unclassified	N/A	14.72
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	11.00
Swordfish	<i>Xiphias gladius</i>	52.50
Yellowfin tuna	<i>Thunnus albacares</i>	35.62

Comments: The declared main species transhipped were bigeye tuna (*Thunnus obesus*) 74.15%, followed by albacore (*Thunnus alalunga*) 7.87%, yellowfin tuna (*Thunnus albacares*) 7.02% and swordfish (*Xiphias gladius*) 6.99%.

Additionally, in lower proportion other species like blue shark (*Prionace glauca*), atlantic blue marlin (*Makaira nigricans*), atlantic sailfish (*Istiophorus albicans*), dolphinfish (*Coryphaena hippurus*), narrow-barred spanish mackerel (*Scomberomorus commerson*), oilfish (*Ruvettus pretiosus*), opah (*Lampris guttatus*) and shortbill spearfish (*Tetrapturus angustirostris*) were also transferred but represented all together less than 4% of total fish transferred.

The product types observed for the main species transferred were GG (gilled and gutted) for Bygeye tuna and Yellowfin, LW (live weight) for Albacore and Dolphinfish, all other species had DR (dressed) as processment code, exeption to Swordfish either than dressed was transferred also in fillets (FIL).

All the transfer operations were fully observed, and the observer stood preferentially at the vessel side from where the strings came. This way could start tallying fish as soon as it appeared from FVs hold opening. In most cases the observer used average weights from declared weights to calculate is own total weights per species and/or product types transferred. Wenhever the data from FV declaration was insufficient,used average weights from previous transfers within the same area of fishing operation.

Proportioning was also used for observers estimation, as the bygeye and yellowfin came mixed together on strings, and registered as code MIX on T4 log forms. From FV declaration obtained ratio between bygeye and yellowfin, then applied this ratio to observer tallying. The same method of proportioning also used within a specie/product whenever the FV declaration states different stocks for that specie.

7 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments: No Southern bluefin tuna was transhipped during this deployment.

8 LSPLV Checks

Inspections were carried out by the observer on the following vessels

Table 8 Summary of boarding reports from LSPLVs.

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
1			Y	16/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	N	EL	NA
2			Y	17/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	16/12/2018
3			Y	18/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	17/12/2018
4			Y	20/12/18	Y	Y	Y	Y	Y	31/07/22	Y	Y	Y	Y	Y	EL	19/12/2018
5			Y	25/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	25/12/2018
6			Y	26/12/18	Y	Y	Y	Y	Y	31/12/18	Y	Y	Y	Y	Y	PB	26/12/2018
7			Y	01/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	31/12/2018
8			Y	02/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	02/01/2019
9			Y	02/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	02/01/2019
10			Y	02/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	02/01/2019
11			Y	03/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	02/01/2019
12			Y	03/01/19	Y	Y	Y	Y	Y	31/03/21	Y	Y	Y	Y	Y	PB	03/01/2019
13			Y	05/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	04/01/2019
14			Y	07/01/19	Y	Y	Y	Y	Y	31/07/19	Y	Y	Y	Y	Y	PB	06/01/2019
15			Y	07/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	06/01/2019
16	TAI I	Belize	Y	07/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	06/01/2019
17			Y	08/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	07/01/2019

No	Name	Flag	Boarded	Date	Markings correct			Authorisation to Fish / Tranship					VMS		Logbook		
					Name	IRCS	Reg. No.	ATF	In Date	Expires	In ICCAT	ATT	Shown	Power	Shown	Type	Last entry
18			Y	08/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	07/01/2019
19			Y	08/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	07/01/2019
20			Y	11/01/19	Y	Y	Y	Y	Y	31/12/19	Y	Y	Y	Y	Y	PB	11/01/2019
21			Y	11/01/19	Y	Y	Y	Y	Y	26/10/19	Y	Y	Y	Y	Y	PB	11/01/2019
22			Y	12/01/19	Y	Y	Y	Y	Y	05/08/19	Y	Y	Y	Y	Y	PB	11/01/2019
23			Y	12/01/19	Y	Y	Y	Y	Y	06/09/19	Y	Y	Y	Y	Y	PB	11/01/2019

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

Comments.

Table 9 Comments on LSPLV checks

No	Comments
1	XXX The observer boarded the vessel but due to rough sea conditions had to return to the CV promptly and therefore the observer failed to picture logbook.

The observer made 0 Potential Non Compliance (PNC) reports.

Table 10 PNC reports made

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

9 Other Observer Tasks.

9.1 CV waste disposal

The vessel had separated garbage disposal for paper and wood, plastic, glass and empty cans and Oil.

9.2 Unidentified or IUU vessels

No suspected vessels or IUU were observed in this mission.

9.3 Marine mammals.

No marine mammals were observed during this trip, exception inside Cape Town bay, were many Sea lions were observed.

Table 11 Marine mammal sightings

Date	Time	Lat	Lon	Species	Abundance	Behaviour
N/A						

10 Health and Safety on board the CV

No health and safety issues were encountered on board of Genta Maru. The observer participated in no safety drills while on board.

11 Submitting Report to the Master

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

Y	No
X	

Table 12 Non ROP Transhipments

Vessel	RFMO Number	Date	Lat	Lon	Comments
		29/12/2018	06.02 N	023.57 W	Fuel, bait and dry cargo
		29/12/2018	06.02 N	022.45 W	Fuel and bait
		01/01/2019	11.28 N	030.00 W	Bait and dry cargo
		10/01/2019	01.56 S	022.46 W	Dry cargo and bait