

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

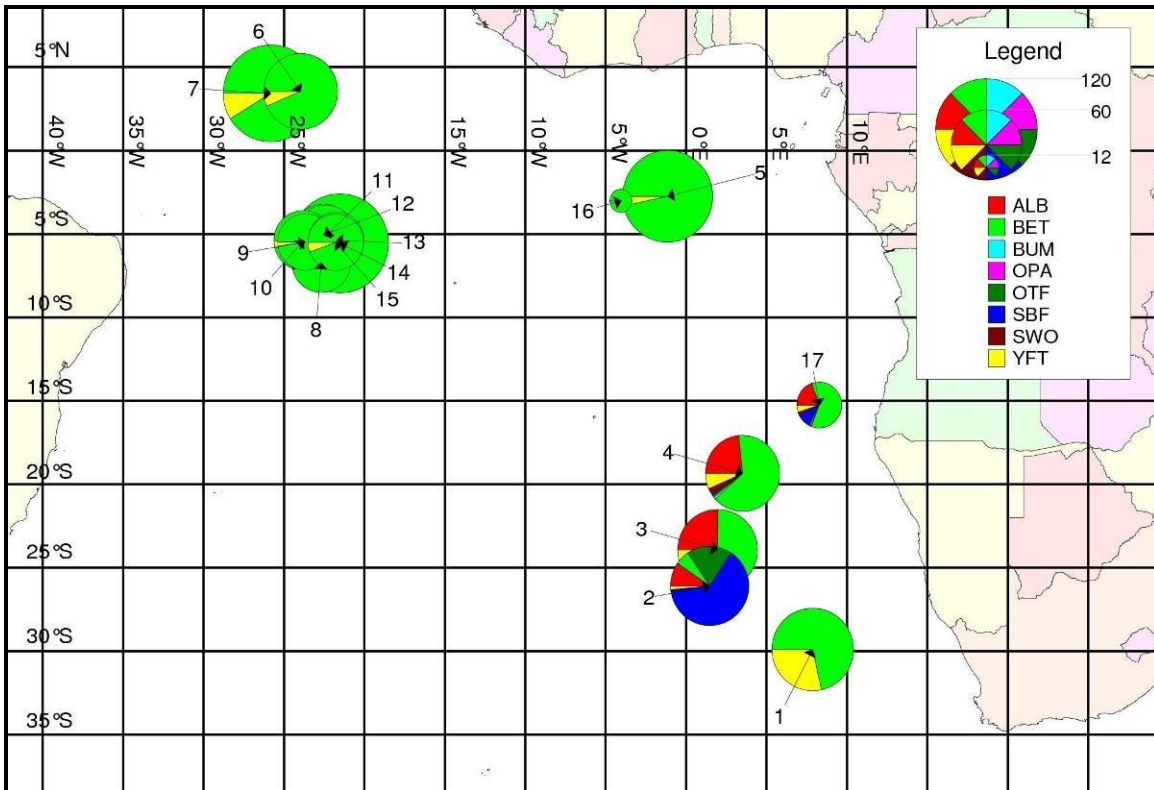


Figure 1, and the numbers received by nationality of vessel are given in Table 1.

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

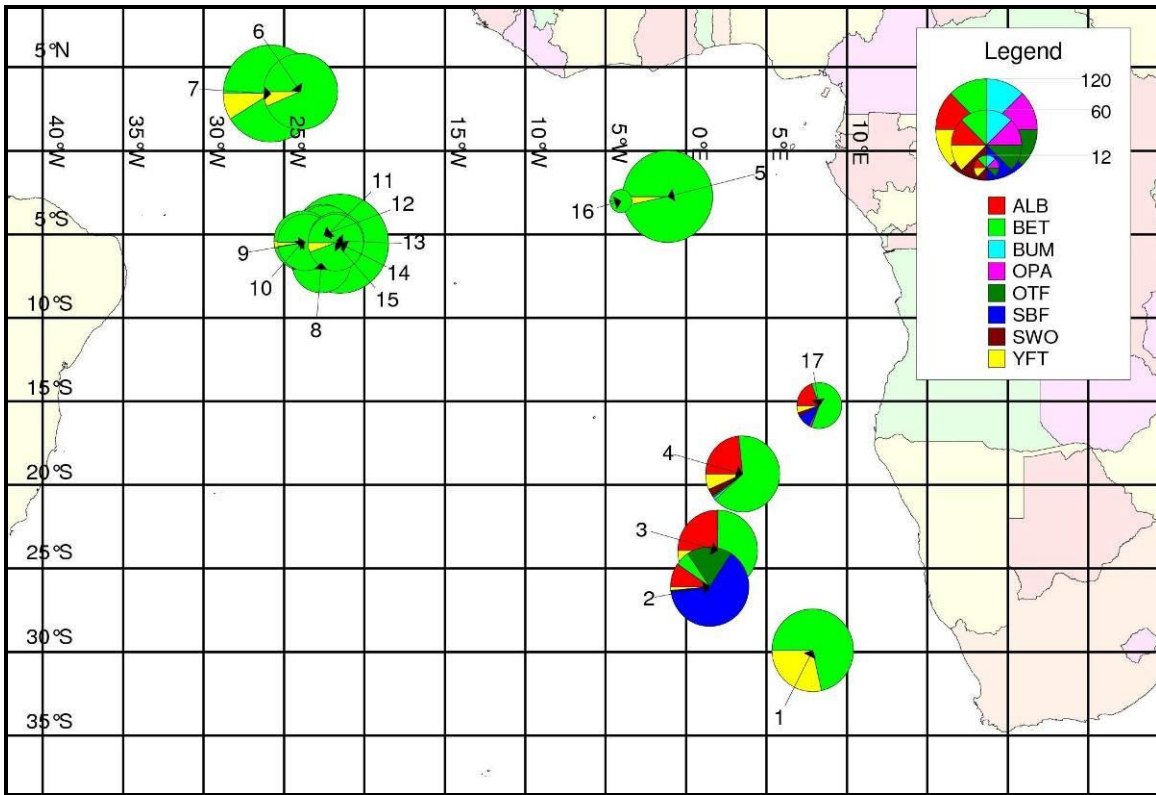


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	10
	4
	3

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

Table 3 Summary of vessel / observer estimated figures

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

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

Comments:

Obs = Observer estimated values

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

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

5.1 Weight

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

Table 4 Total weight of fish transhipped by species

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

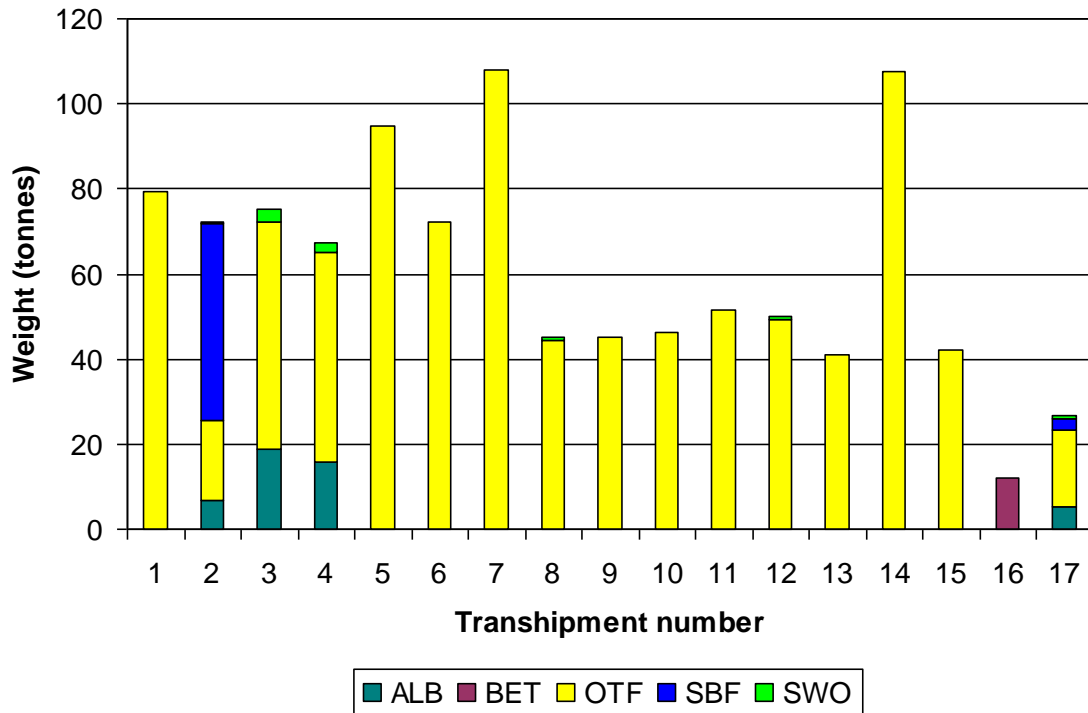


Figure 2 Proportions, by weight, of fish species transferred by transshipment

Table 5 Average weight of fish transhipped by species

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

Comments:

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

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

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

6 Southern bluefin tuna transshipments

Table 6 Summary of southern bluefin tuna transshipments

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

Table 7 Summary of southern bluefin catch-documentation

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

Comments:

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

7 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

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

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

Table 9 Comments from inspections

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

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

recorded.

Figure 11 IRCS and NRN of the LSPLV xxx

Figure 12 The International Tonnage Certificate of the xxx

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

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

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

17

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

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

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

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

7.2 Issues with Fishing Licence, logbooks or VMS

None

8 Other Observer Tasks.

8.1 CV waste disposal

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



Figure 14 Garbage disposal drums in all corridors



Figure 15 Garbage disposal drums on poop deck

8.2 Unidentified or IUU vessels

None

8.3 Marine mammals.

Table 10 Marine mammal sightings

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

9 Submitting Report to the Master

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

Yes	No
X	

Appendix 1 Non ROP Transhipments

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

Appendix 2 In-port Transhipments

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

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

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

Figure 1 Location of transhipments.

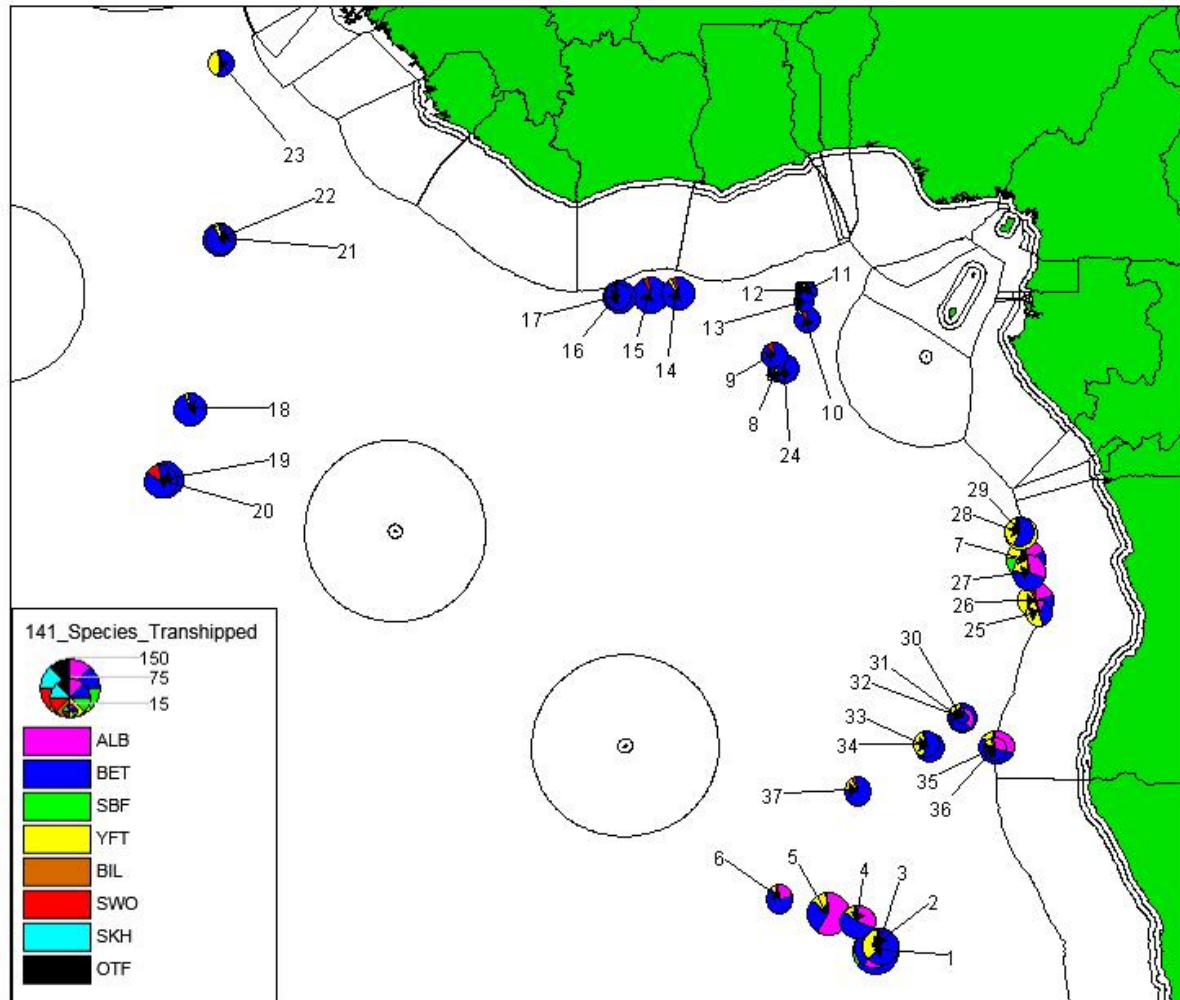


Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	16
	18
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

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

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

Table 3 Summary of vessel / observer estimated figures

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

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

Comments:

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

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

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

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

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

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

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

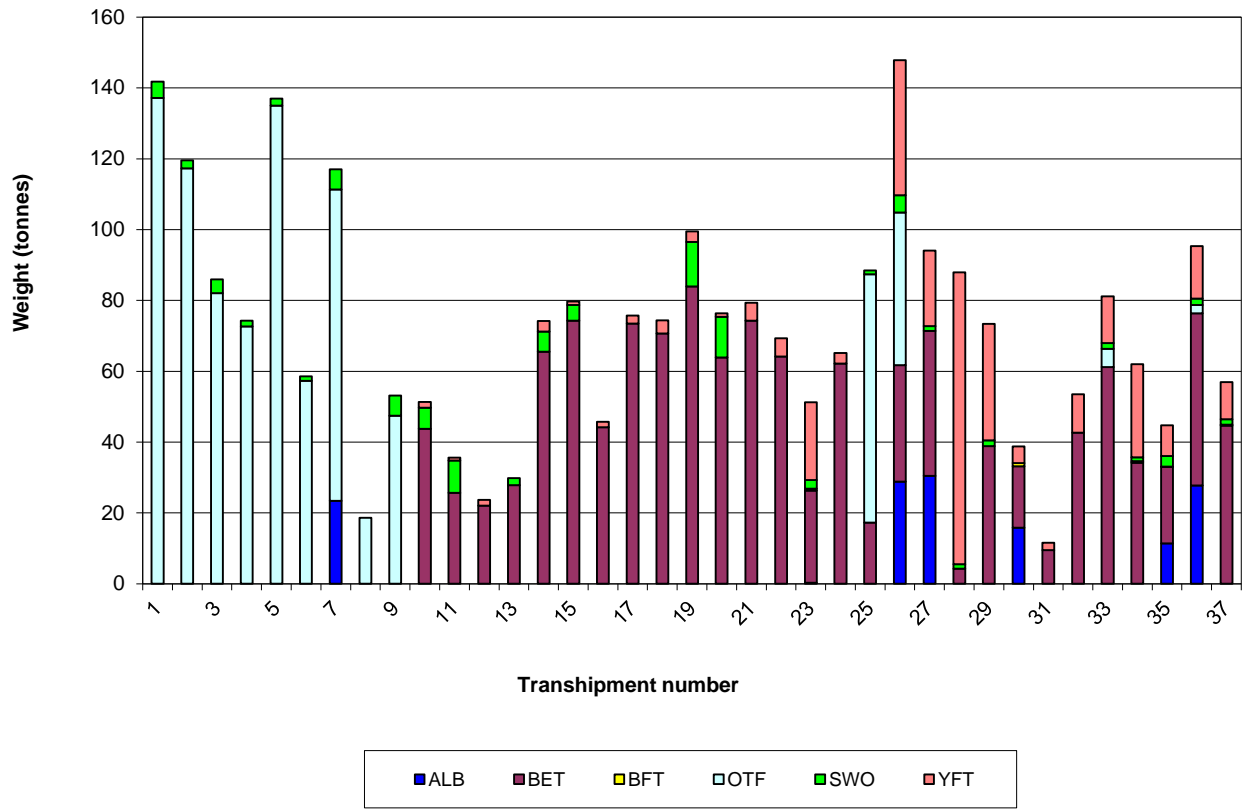


Table 5 Average weight of fish transhipped by species

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

Comments:

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

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

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

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

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

Comments.

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

Table 9 **Comments from inspections**

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

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

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

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

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

Table 10 PNC reports made

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

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

TS# 17; LSPLV: xxx

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

TS# 18; LSPLV: xxxx

Name on bow not readable.

The LSPLV name was reversed in the stern markings.

8.3 Issues with Fishing Licence, logbooks or VMS

9 Other Observer Tasks.

9.1 CV waste disposal

Not observed.

9.2 Unidentified or IUU vessels

Not observed.

9.3 Marine mammals.

10 Submitting Report to the Master

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

Yes	No
X	

Table 11 Non ROP Transhipments

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

General Cargo: Food, drink, magazines etc.

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

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

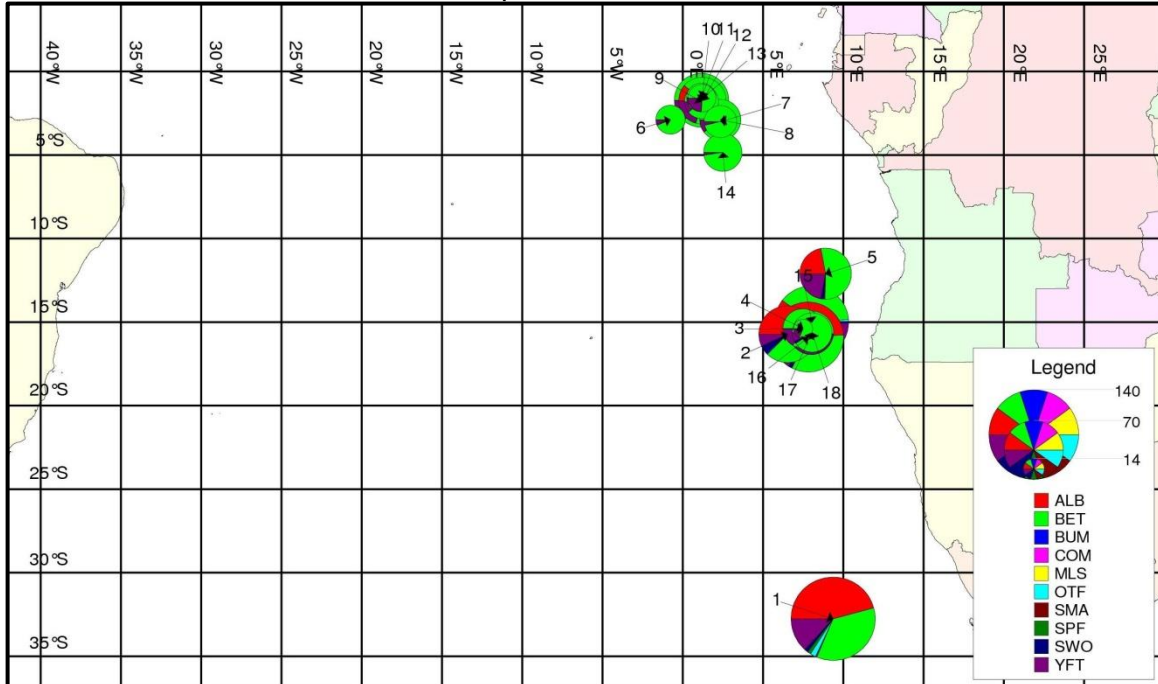


Figure 1. At the end of the trip the vessel returned to Cape Town where the observer disembarked.

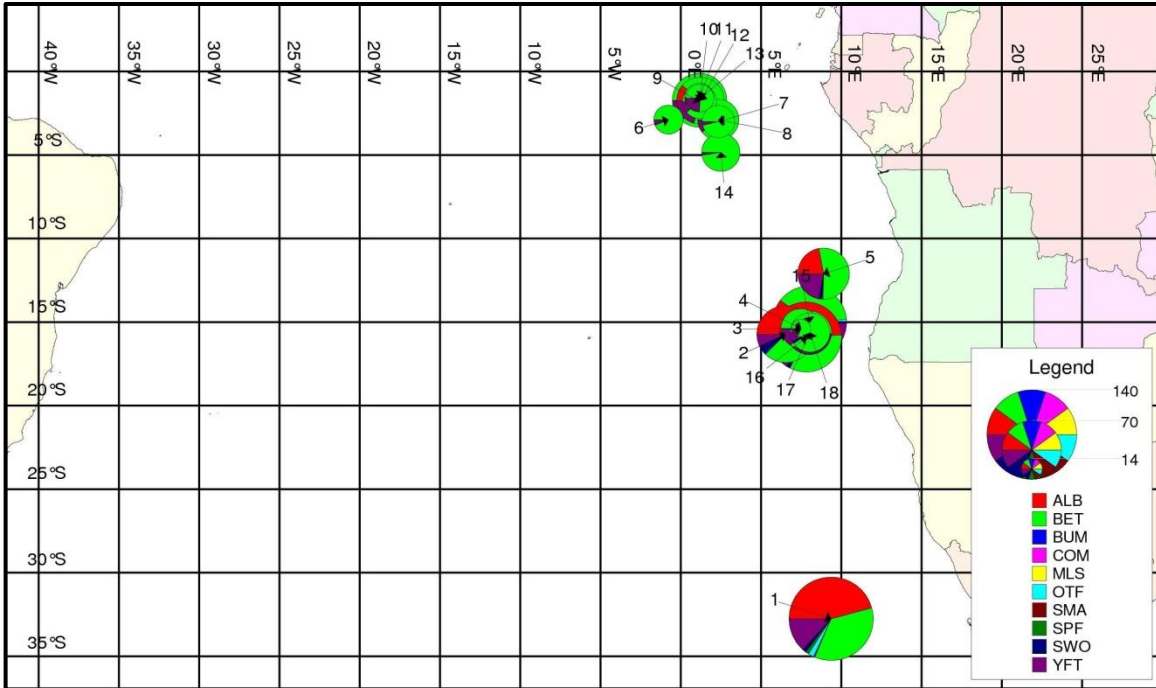


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	8
	7
	3

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

Table 3 Summary of vessel / observer estimated figures

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

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

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

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

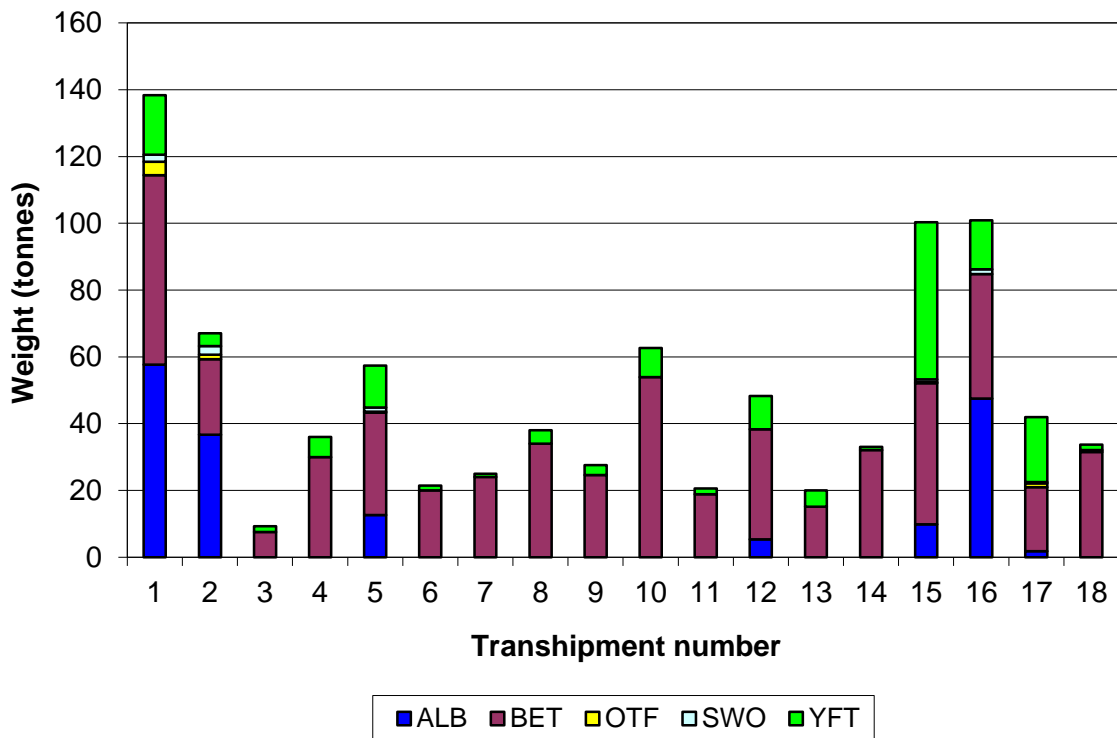


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

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

Comments:

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

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

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

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

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

7 Southern bluefin tuna transhipments

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

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSPLVs.

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

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

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

Table 9 Comments from inspections

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



Figure 5 VMS of the xxx fitted with a power switch

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

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

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

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

8.2 Issues with Fishing Licence, logbooks or VMS

All vessels provided in-date ATFs.

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

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

9 Other Observer Tasks.

9.1 CV waste disposal

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

9.2 Unidentified or IUU vessels

None seen

9.3 Marine mammals.

Table 10 Marine mammal sightings

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

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

10 Submitting Report to the Master

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

Yes	No
X	

Appendix 1 Non ROP Transhipments

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

**ICCAT
Observer Report**



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

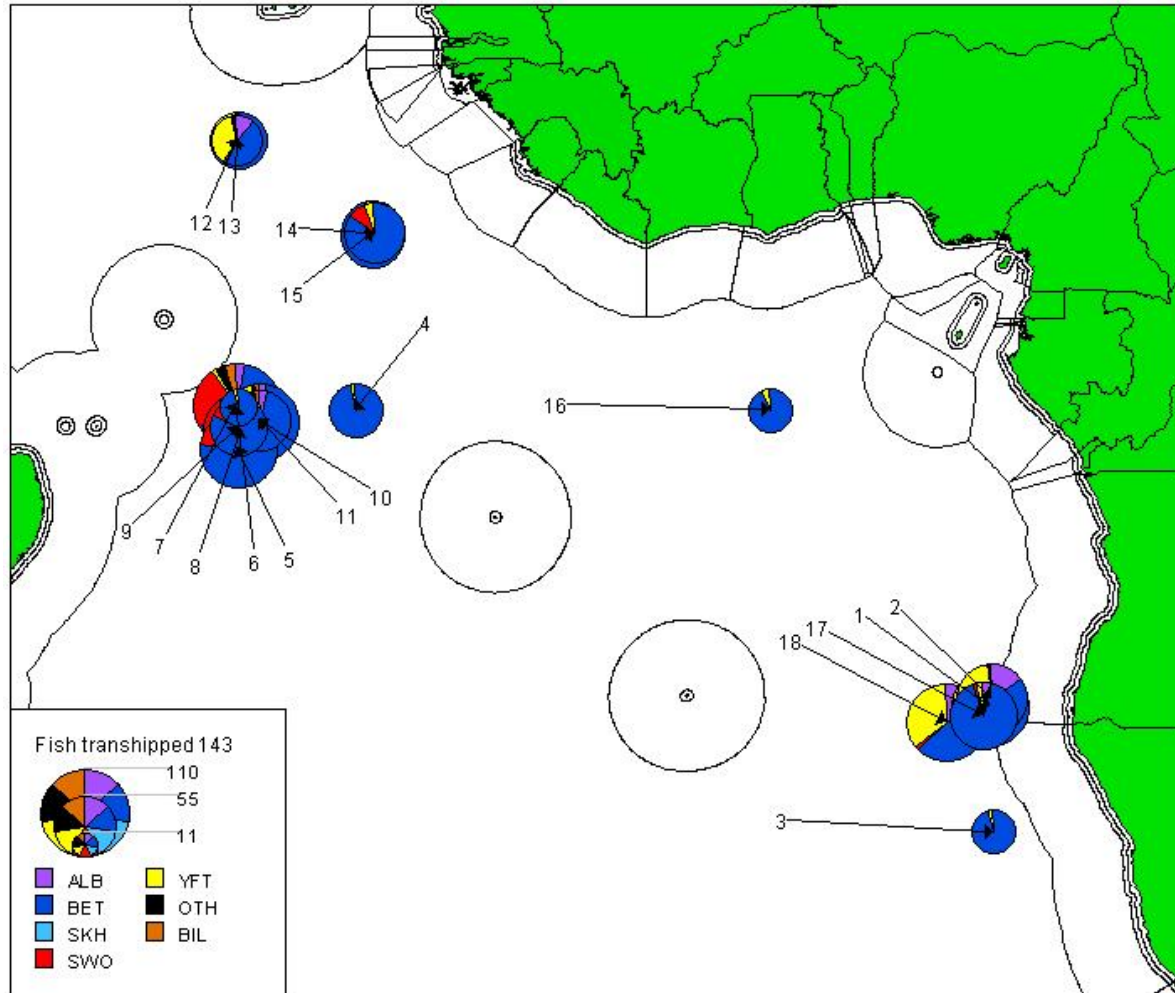


Figure 1, the numbers received by nationality of vessel are given in Table 1.

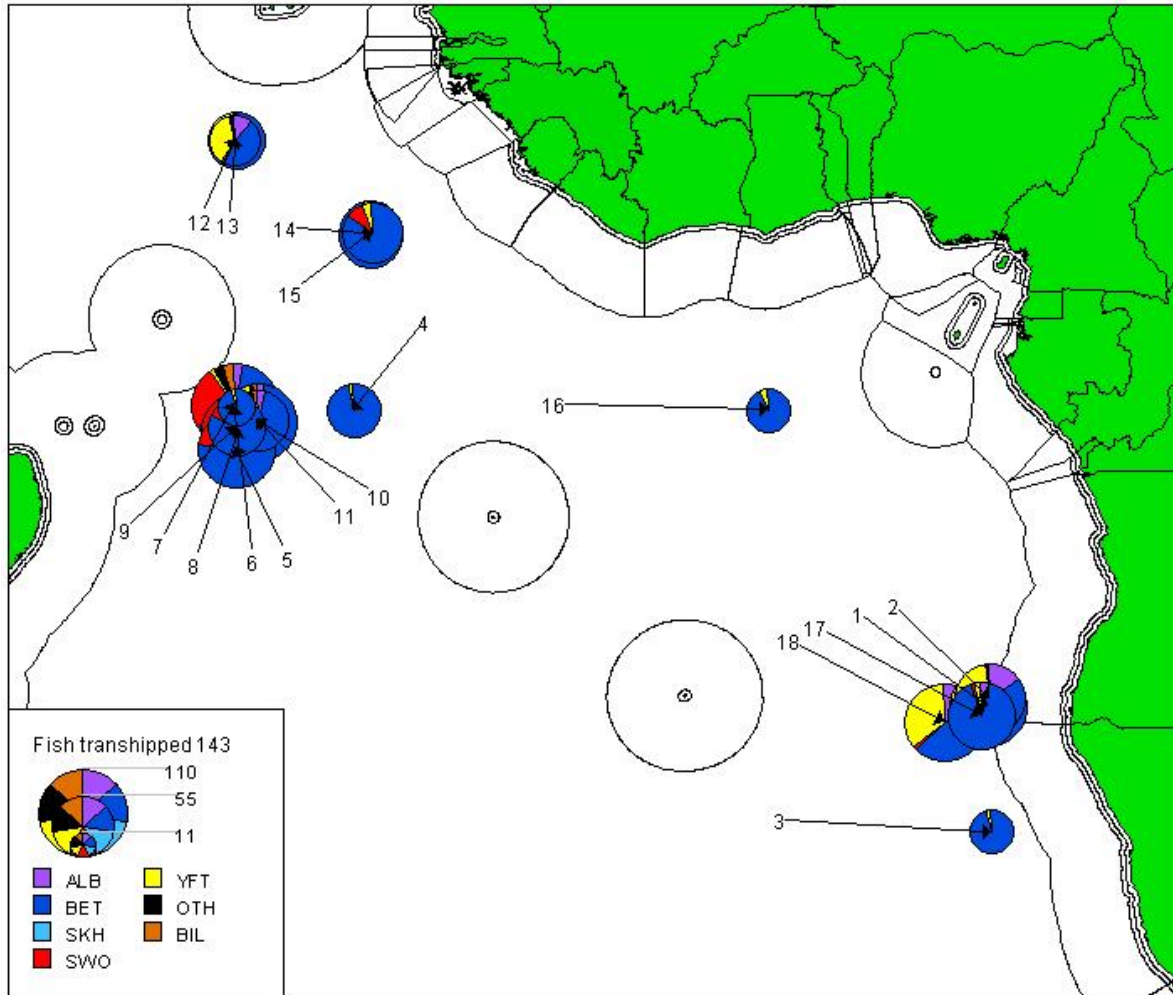


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	6
	5
	6
	1

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

Table 3 Summary of vessel / observer estimated figures

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

Comments:

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

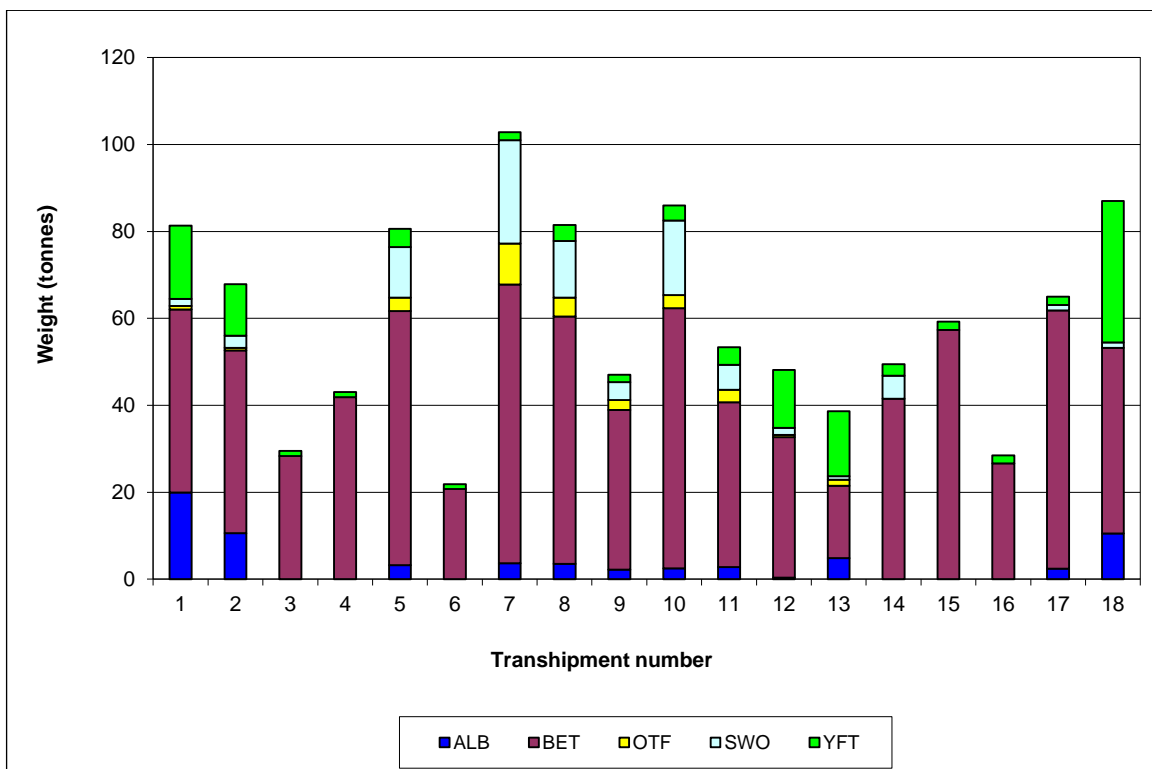


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

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

Comments:

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

7 Southern bluefin tuna transhipments

No southern Bluefin tuna was transhipped during this deployment.

8 LSPLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSPLVs.

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

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

Comments.

Table 7 Comments from inspections

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

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

Table 8 PNC reports made

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

Comments.

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

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

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

Photo 1

Photo 2

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

Photo 3

Photo 4

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

Photo 5

Photo 6

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

Photo 7

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

Photo 8

x

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

Photo 9

The LSPLV xxx logbook was unbound. See Photo number 10

Photo 10

9 Other Observer Tasks.

9.1 CV waste disposal

There were no waste disposal issues.

9.2 Unidentified or IUU vessels

There were no unidentified vessels

9.3 Marine mammals.

No Marine mammals were observed.

10 Submitting Report to the Master

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

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

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

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

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

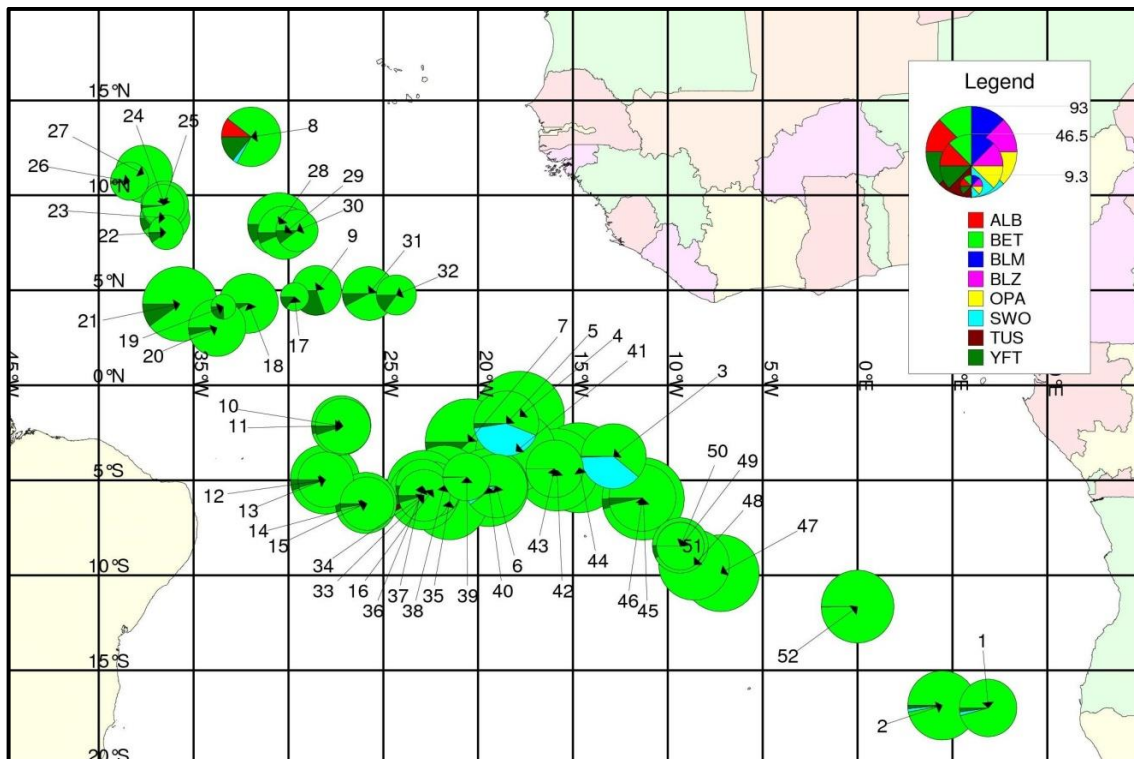


Figure 1 Location of transhipments.

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	1
	7
	11
	23
	6
	4

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

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

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

Comments:

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

Table 3 Summary of vessel / observer estimated figures

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

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

Comments:

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

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

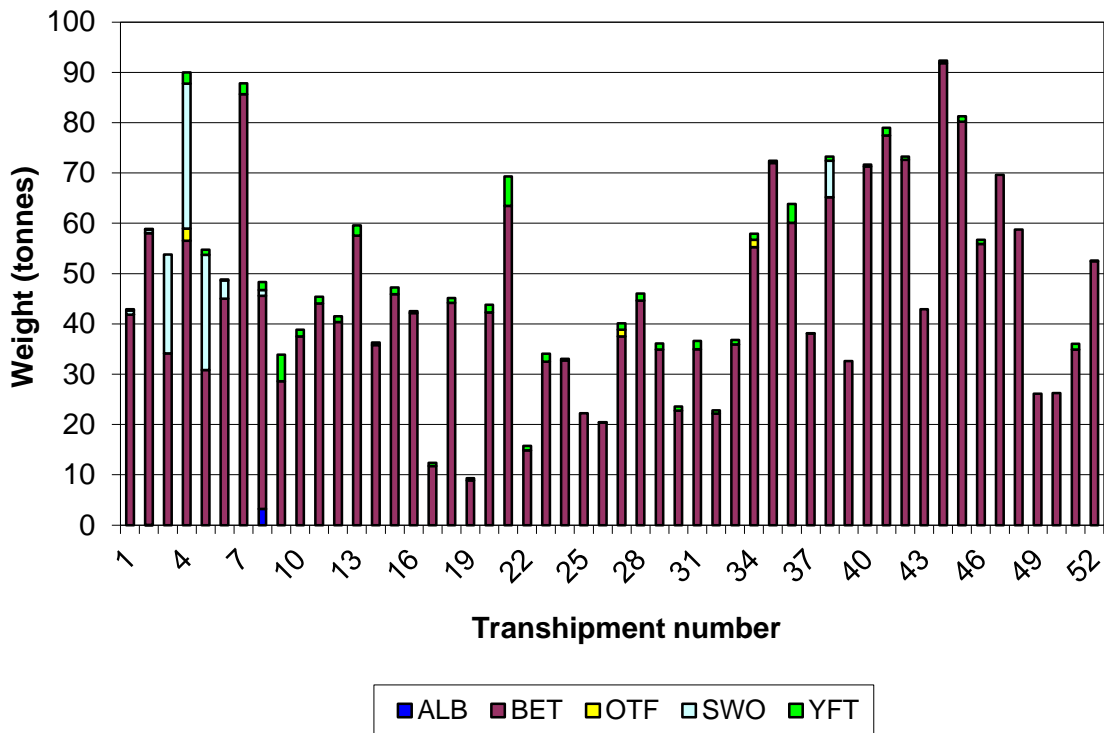


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

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

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

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

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

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

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

7 Southern bluefin tuna transshipments

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

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 6 Summary of inspections made onboard LSTLVs.

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

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

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

Table 9 PNC reports issued during the voyage.

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

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

Table 7 Comments from inspections

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

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

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

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

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

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

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

8.2 Issues with Fishing Licence, logbooks or VMS

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

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

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

9 Other Observer Tasks.

9.1 CV waste disposal

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



Figure 3 Waste bins on board the CV.

9.2 Unidentified or IUU vessels

No IUU vessels were observed during the trip

9.3 Marine mammals.

Table 8 Marine mammal sightings

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

10 Submitting Report to the Master

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

Yes	No
X	

Appendix 2 Non ROP Transhipments

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

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

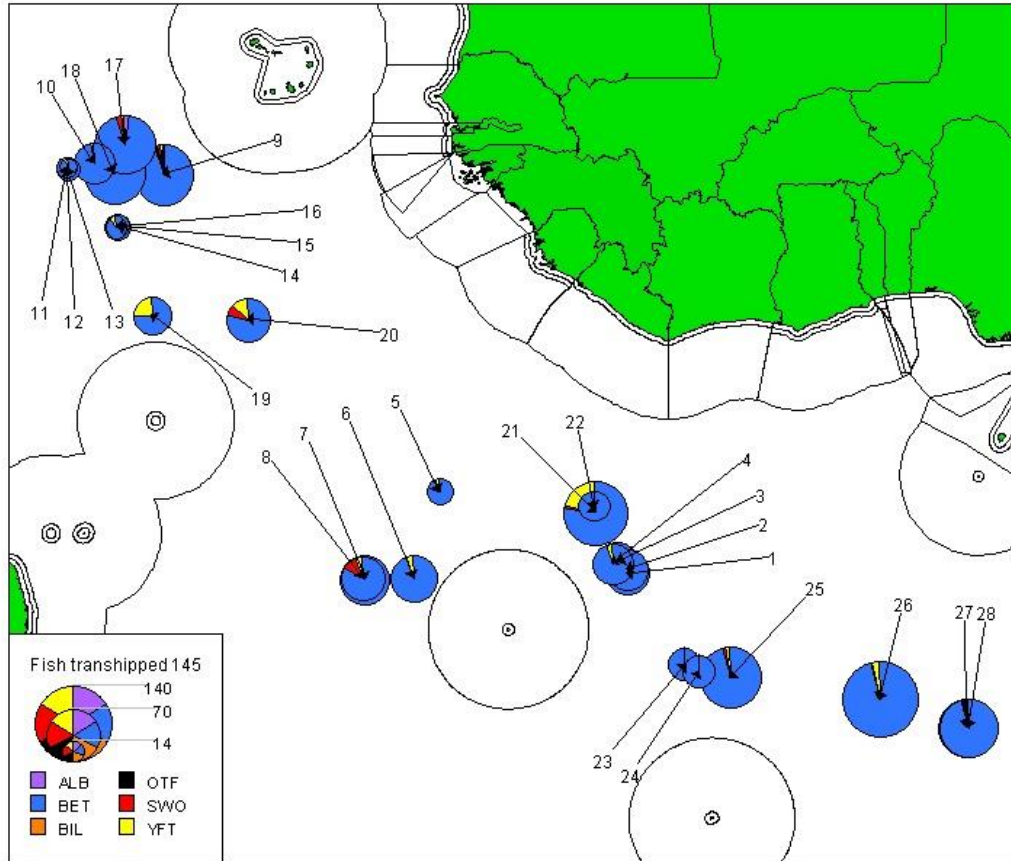


Figure 1, the numbers received by nationality of vessel are given in Table 1.

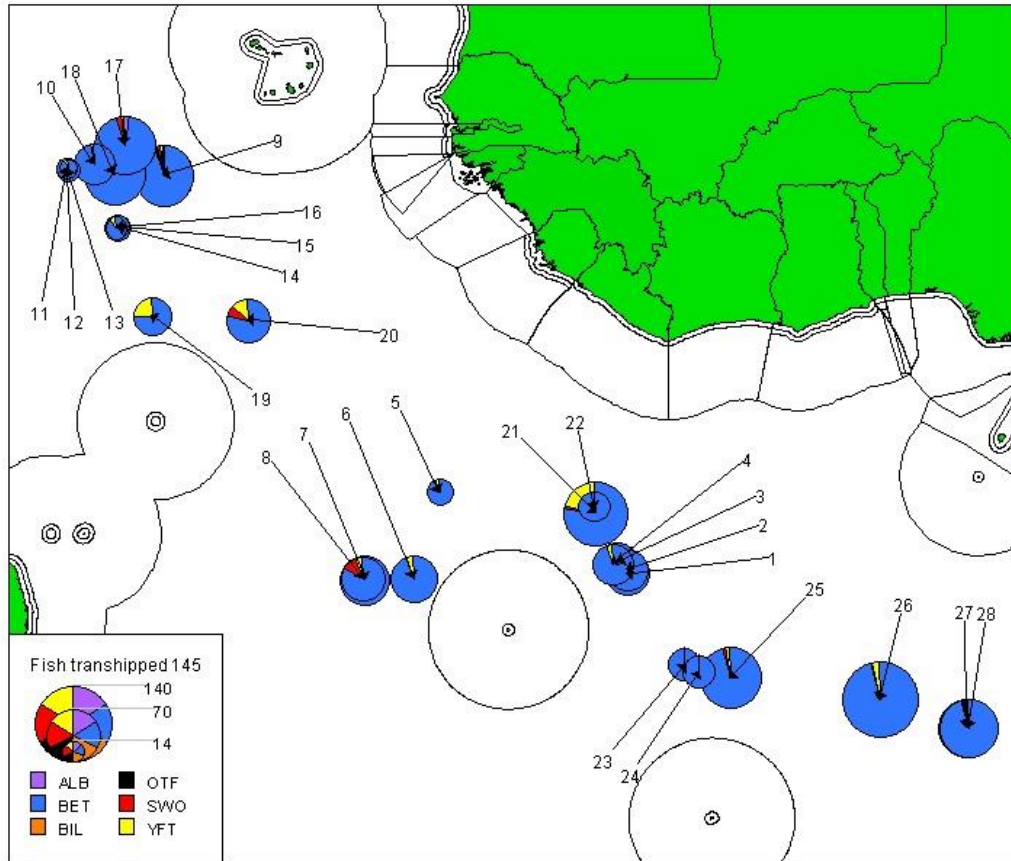


Figure 1 Location of transhipments.

Comments:

Table 1 Transhipments made by nationality

Nationality	Transhipments made
	7
	9
	10
	1
	1

Comments:

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

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

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

Table 3 Summary of vessel / observer estimated figures

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

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

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

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

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

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

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

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

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

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

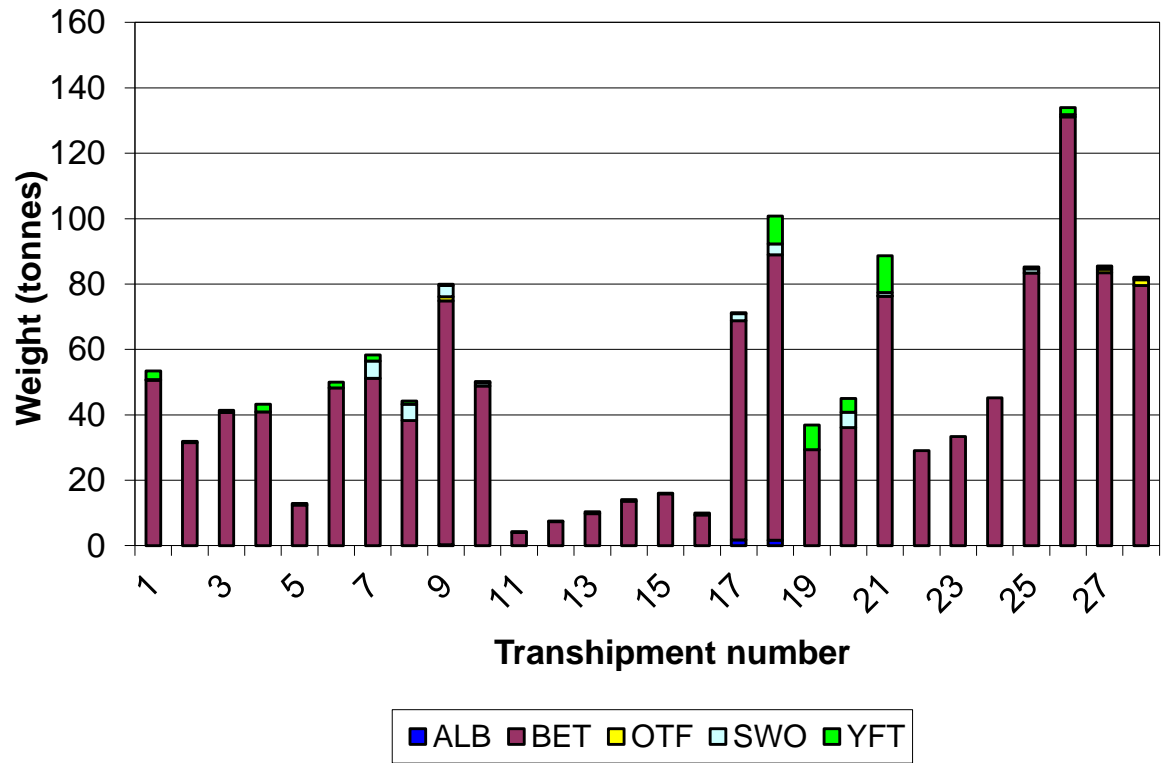


Table 5 Average weight of fish transhipped by species

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

Comments:

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

7 Southern bluefin tuna transshipments

Comments: No southern bluefin tuna was transhipped during this deployment

8 LSTLV Inspections

Table 6 Summary of inspections made onboard LSTLVs.

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

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

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

Comments:

Table 7 Comments from inspections

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

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

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

Table 8 PNC reports made

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

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

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

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

Figure 3:

Figure 4:

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

Figure 5:

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

Figure 6:

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

Figure 7:

Figure 8:

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

Figure 9:

Figure 10:

8.2 Issues with Fishing Licence, logbooks or VMS

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

Figure 11:

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

Figure 12:

Figure 13:

Other Observer Tasks.

8.3 CV waste disposal

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

8.4 Unidentified or IUU vessels

None

8.5 Marine mammals.

Table 9 Marine mammal sightings

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

9 Submitting Report to the Master

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

Yes	No
	X

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

Appendices

Table 10 Non ROP Transhipments

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

ICCAT

Observer Report



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

1 Cruise Summary

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

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

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

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

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

2 Carrier Vessel details

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

3 Embarking / Disembarking on / from Carrier Vessel

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

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

4 Carrier Vessel Activities Summary

1.1 Logistics & Areas of Activity

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

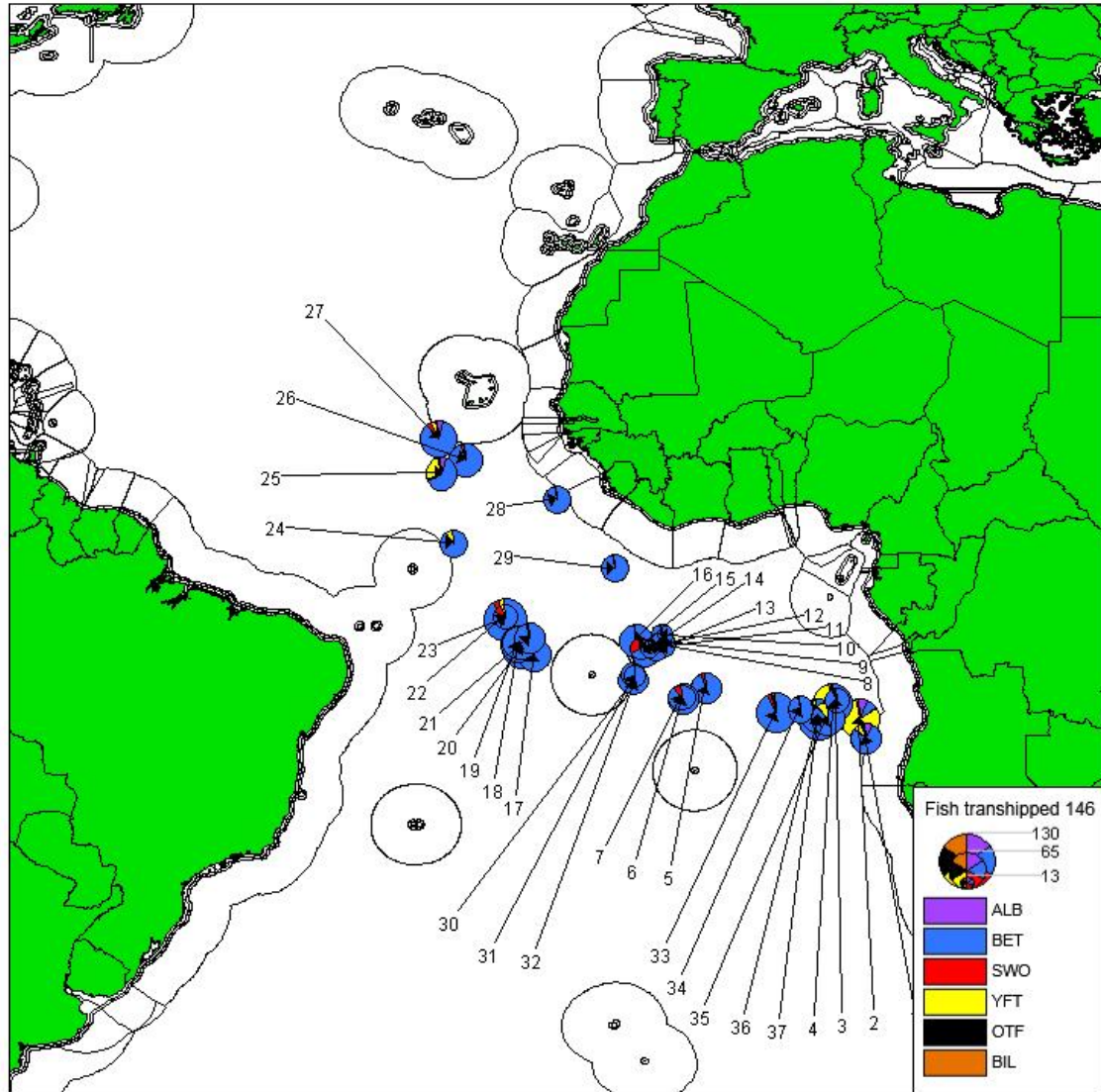


Figure 1 Location of transshipments.

Table 1 Transshipments made by nationality

Nationality	Transshipments made
	1
	15
	19
	2

5 Summary of Transhipments Observed.

Table 2 Summary of transhipments.

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

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

Comments: All vessel were Inspected during the deployment.

Table 3 Summary of vessel / observer estimated figures

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

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

Comments:

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

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

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

6 Species and weight transferred

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

Table 4 Total weight of fish transhipped by species

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

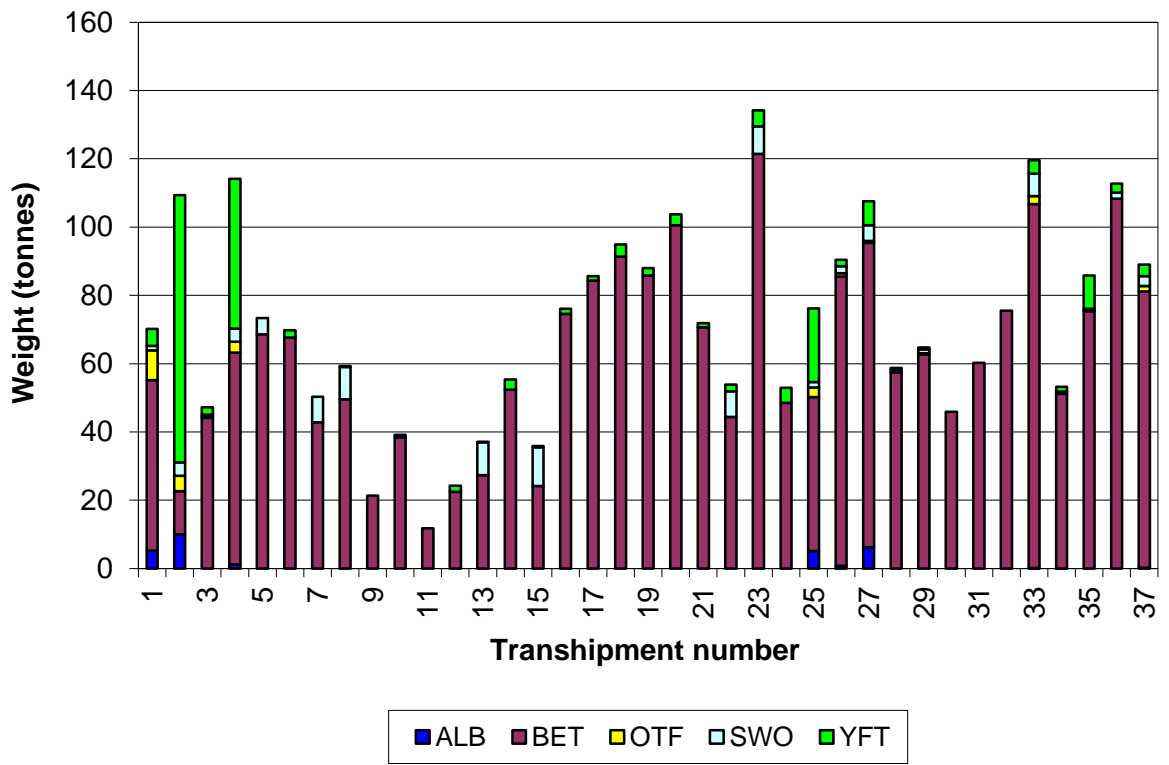


Figure 2 Proportions, by weight, of fish species transferred by transshipment.

Table 5 Average weight of fish transhipped by species

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

Comments:

7 Southern bluefin tuna transhipments

Table 6 Summary of southern bluefin tuna transhipments

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

Table 7 Summary of southern bluefin catch documentation

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

Comments: No SBF were transhipped at sea.

8 LSTLV Inspections

Inspections were carried out by the observer on the following vessels

Table 8 Summary of inspections made onboard LSTLVs.

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

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

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

Table 9 **Comments from inspections**

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

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

Table 10 PNC reports made

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

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

Photo 1 – no call sign visible (PNC1).

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

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

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

8.2 Issues with Fishing Licence, logbooks or VMS

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

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

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

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

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

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

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

Photo 19 Unidentified make and model of VMS unit

Other Observer Tasks.

8.3 CV waste disposal

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

8.4 Unidentified or IUU vessels

No IUU vessels were sighted during the deployment.

8.5 Marine mammals.

Table 11 Marine mammal sightings

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

9 Submitting Report to the Master

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

Yes	No
X	

Table 12 Non ROP Transhipments

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