

A Summary of the ICCAT Regional Observer Programme During 2015

ICCAT

Annual Contractors Report

15/10/2015



Submitted by:

MRAG



Project code:	ZI0902
Version:	6.0
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Acronyms

AIS	Automatic Identification System
CCSBT	Commission for the Conservation of Southern Bluefin Tuna
CV	Carrier Vessel
EEZ	Exclusive Economic Zone
IATTC	Inter-American Tropical Tuna Commission
ICCAT	International Commission for the Conservation of Atlantic Tunas
IOTC	Indian Ocean Tuna Commission
IUU	Illegal, unreported and unregulated
LSPLV	Large-Scale Pelagic Longline Vessel
PNC	Potential Non-Compliance
RFMO	Regional Fisheries Management Organisation
ROP	Regional Observer Programme
VMS	Vessel Monitoring System

1. Introduction

In 2006 ICCAT adopted Recommendation [06-11], updated by Recommendation [12-06], to establish a Programme for Transshipment in response to concerns that at-sea transshipment operations constituted a gap in the enforcement scheme of the Commission. MRAG Ltd. and Capfish (the Consortium) has been implementing the Regional Observer Program (ROP) since its inception in April 2007.

The ROP aims to address Member State concerns regarding laundering of Illegal, Unregulated and Unreported (IUU) tuna catches by monitoring transshipments at sea from large-scale pelagic longline fishing vessels (LSPLVs) operating in the Convention area. Recommendation [12-06] states that all tuna, tuna like species and other species caught in association with these species in the Convention area must be transhipped in port. However, at sea transshipments can be authorised by Contracting Parties provided the Carrier Vessel (CV) has VMS capabilities and a trained ICCAT observer is on board to monitor the process.

2. Deployments

This report provides a summary of the ROP's eighth year, covering ICCAT deployments 154/14 to 172/15 completed between September 2014 and August 2015 (excluding 155/14 and 156/14 which were reported in the 2014 summary (ICCAT 2014)).

2.1 Summary of deployments

A total of 495 transhipments have been monitored during 17 trips consisting of 860 sea days, with an average deployment length of 51 days. The total weight of fish observed being transhipped over the period was 31,487 tonnes, and a summary of key figures from all deployments is given in **Table 1**. These figures are very similar to the previous year with a 1.4% increase in sea days and a 1% decrease in the total transhipment weight.

Of the 495 transhipments, 49% were from Chinese Taipei flagged vessels and 30% were from Japanese flagged vessels (

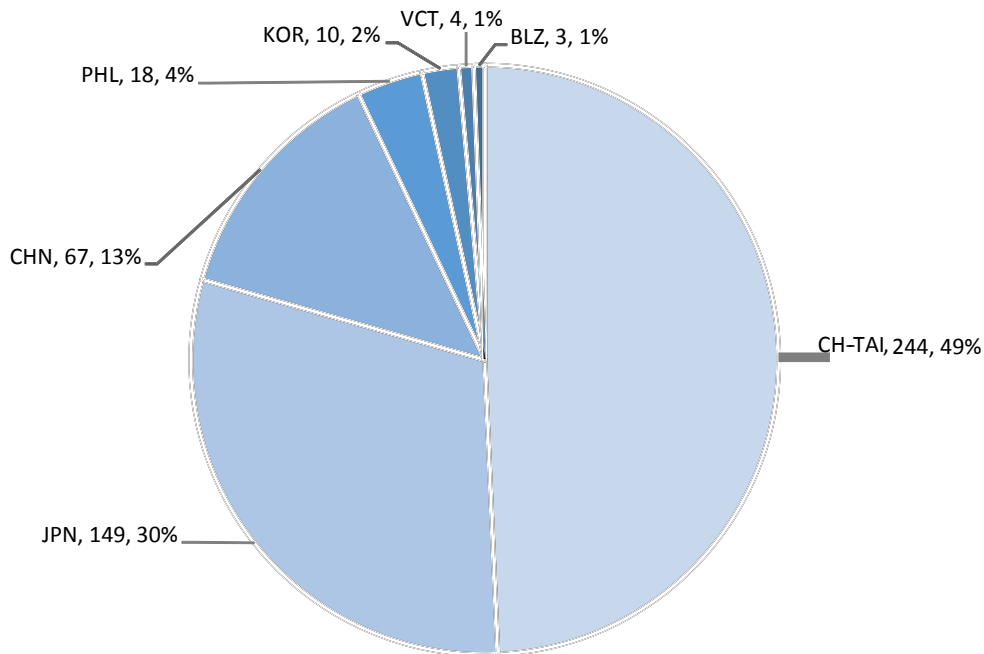


Figure 1). There were four transhipments undertaken by vessels flagged to St. Vincent and the Grenadines, who are joining the programme this year. Since January 2015 the Philippines are no longer participating, and the last transhipment from a Filipino flagged vessel was in December 2014. The locations of all the transhipments are shown in **Figure 2**.

Table 1. Summary of deployments 157/14-172/15 and 154/15.

<i>No.</i>	<i>Vessel Name</i>	<i>Observer Name</i>	<i>Date On</i>	<i>Date Off</i>	<i>Embarkation Port</i>	<i>Disembarkation Port</i>	<i>Sea Days</i>	<i>No. of Transhipments</i>	<i>Fish Transhipped (vessel figures) (t)</i>
154	Victoria	Taylan Koken	26-Jul-14	11-Sep-14	Cape Town	Cape Town	47	23	1,511.228
157	Taisei Maru No.24	Hendrik Crous	05-Sep-14	27-Oct-14	Cape Town	Cape Town	52	33	1,818.608
158	Ibuki	David Virgo	11-Sep-14	18-Oct-14	Cape Town	Cape Town	37	24	1,229.615
159	Chitose	Bruce Biffard	29-Oct-14	22-Dec-14	Cape Town	Durban	54	39	2,260.326
160	Genta Maru	Jano van Heerden	12-Nov-14	12-Dec-14	Cape Town	Cape Town	30	16	836.445
161	Futagami	Jo Newton	27-Nov-14	14-Jan-15	Cape Town	Cape Town	48	7	640.592
162	Chikuma	Pedro de Jesus	26-Dec-14	20-Feb-15	Durban	Cristobal	56	37	1987.86
163	Taisei Maru No.15	Mzwandile Silekwa	30-Dec-14	04-Mar-15	Cape Town	Cape Town	64	38	2625.82
164	Haru	Taylan Koken	07-Feb-15	22-Mar-15	Cape Town	Cape Town	43	25	1,898.292
165	Taisei Maru No.24	Barrie Rose	25-Feb-15	30-Apr-15	Cape Town	Cape Town	64	43	2,899.243
166	Chitose	Anthony Donnelly	26-Mar-15	29-May-15	Cape Town	Panama City	64	47	3018.57
167	Meita Maru	Rebeca Ocon	27-Mar-15	27-Apr-15	Cape Town	Tangier	31	5	502.079
168	Ibuki	Jo Newton	03-May-15	27-Jun-15	Cape Town	Colon	55	49	3,506.914
169	Futagami	Hentie Heyns	11-May-15	13-Jul-15	Cape Town	Singapore	63	18	1,185.823
170	Chikuma	Basil Vilalkazi	20-Jun-15	20-Aug-15	Cape Town	Port Louis	61	36	2,118.726
171	Genta Maru	Pedro Jesus	24-Jun-15	01-Aug-15	Cape Town	Cape Town	38	25	1,505.979
172	Taisei Maru No.15	Rebeca Ocon	07-Jul-15	29-Aug-15	Cape Town	Cape Town	53	30	1,940.975

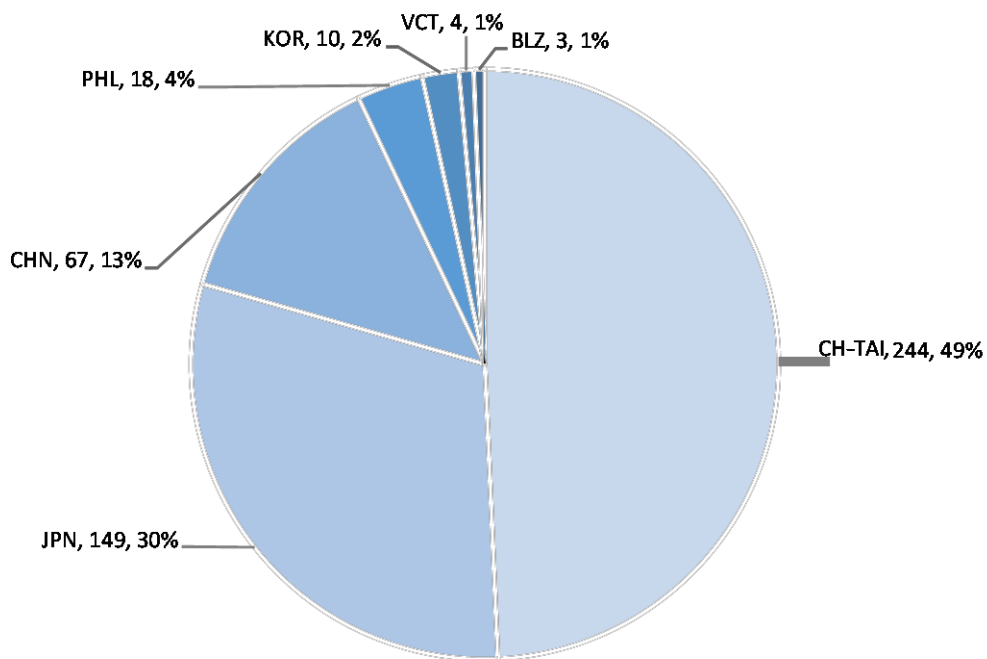


Figure 1. Transshipments by Flag State between September 2014 and August 2015 by number and percentage of total.

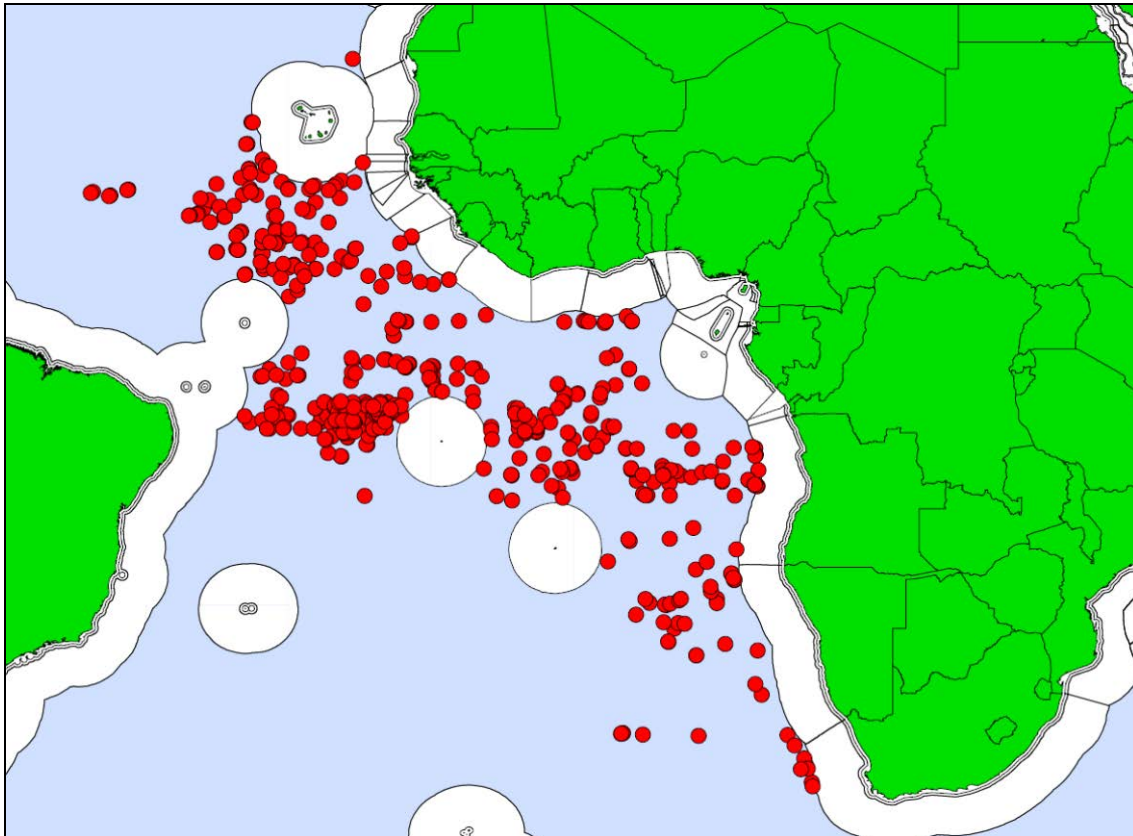


Figure 2. Locations of observed transshipments from deployments shown in **Table 1**.

A summary of the ROP deployments (observers actively at sea) from 157/14 to 172/14 plus 154/14 is shown in **Figure 3**, **Figure 4**, **Figure 5** and **Figure 6**. December and June were the programme's most active months for deployments (**Figure 3**), although July was the busiest month for transhipments by number and the greatest weight was transhipped in May (**Figure 4**).

Figure 5 and **Figure 6** show the transfer rates and amount transferred per transhipment, respectively. Mean transhipment rate was 21.57 tonnes / hour and mean quantity transhipped was 63.61 tonnes. These figures are comparable with those recorded in other years of the programme.

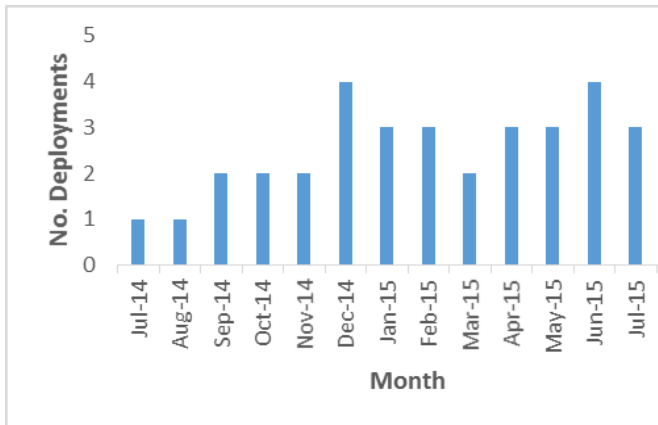


Figure 3. Number of observers deployed by month.

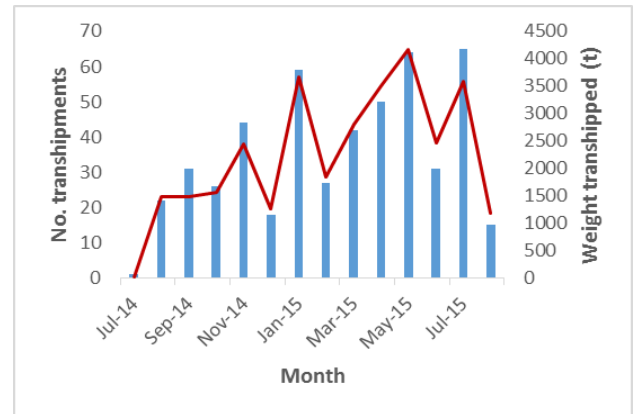


Figure 4. Number of transhipments and weights transferred (all fish, red line) by month.

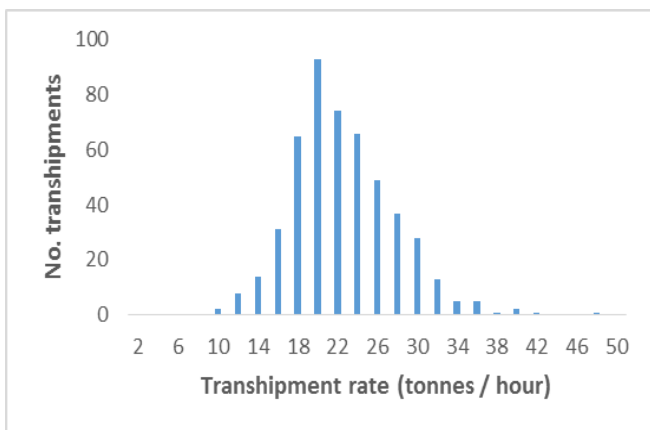


Figure 5. Transhipment rates (tonnes / hour).

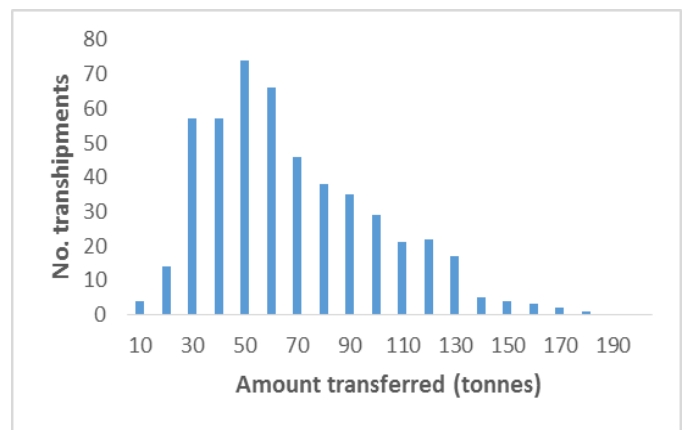


Figure 6. Quantities transferred (t).

2.2 Transhipments within EEZs

No transhipments appeared to be made within EEZs.

2.3 Procedures and logistics

The deployment request procedure has remained the same as previously described by the Consortium in the annual review of the ICCAT ROP.

During the period covered by this report, vessels have moved between IOTC and ICCAT areas on 13 occasions. On seven of these occasions, the observer remained onboard, and on four of the remaining six occasions, the changeover occurred in Cape Town between observers already resident in South Africa. This has reduced the costs of administering the programme.

3. Species identification

The methods used by observers for species identification and reporting procedures have remained the same and are detailed in previous reports (ICCAT 2011).

4. Southern bluefin tuna

Since the adoption of the Resolution on the Implementation of a CCSBT Catch Documentation Scheme on 1st January 2010, any southern bluefin tuna (*Thunnus maccoyii*) transferred must be accompanied by a catch monitoring form which should be countersigned by the observer. During the period covered by this report southern bluefin tuna was transhipped on 30 occasions over six deployments, with a total of 1268.874 tonnes declared (**Table 2**). Observers prepare a separate report for CCSBT on any trips where southern bluefin tuna are transhipped.

Table 2. Transhipments of southern bluefin tuna (*Thunnus maccoyii*) over the last year.

<i>Request No.</i>	<i>Vessel Name</i>	<i>Carrier Vessel ICCAT#</i>	<i>TS No.</i>	<i>Date</i>	<i>No. of fish</i>	<i>Declared weight (t)</i>
154	Victoria	AT000JPN00582	3	01/08/2014	530	31.88
154	Victoria	AT000JPN00582	4	02/08/2014	653	31.849
154	Victoria	AT000JPN00582	5	03/08/2014	612	33.378
154	Victoria	AT000JPN00582	6	08/08/2014	530	31.897
154	Victoria	AT000JPN00582	7	08/08/2014	506	30.414
157	Taisei Maru No.24	AT000JPN00571	30	20/10/2014	27	1.394
169	Futagami	AT000JPN00572	2	13/05/2015	981	35.418
169	Futagami	AT000JPN00572	18	21/06/2015	993	45.534
170	Chikuma	AT000VUT00018	34	06/08/2015	1228	45.604
170	Chikuma	AT000VUT00018	35	07/08/2015	856	45.658
170	Chikuma	AT000VUT00018	36	07/08/2015	936	46.366
171	Genta Maru	AT000VUT00014	1	27/06/2015	1024	46.452
171	Genta Maru	AT000VUT00014	2	29/06/2015	986	47.325

<i>Request No.</i>	<i>Vessel Name</i>	<i>Carrier Vessel ICCAT#</i>	<i>TS No.</i>	<i>Date</i>	<i>No. of fish</i>	<i>Declared weight (t)</i>
171	Genta Maru	AT000VUT00014	3	02/07/2015	1533	57.806
171	Genta Maru	AT000VUT00014	4	03/07/2015	1517	57.904
171	Genta Maru	AT000VUT00014	17	20/07/2015	1028	47.294
171	Genta Maru	AT000VUT00014	18	21/07/2015	880	45.431
171	Genta Maru	AT000VUT00014	19	21/07/2015	938	45.144
171	Genta Maru	AT000VUT00014	20	25/07/2015	938	45.251
171	Genta Maru	AT000VUT00014	21	25/07/2015	777	45.405
171	Genta Maru	AT000VUT00014	22	26/07/2015	937	45.156
171	Genta Maru	AT000VUT00014	23	26/07/2015	937	45.325
171	Genta Maru	AT000VUT00014	24	27/07/2015	937	45.245
171	Genta Maru	AT000VUT00014	25	28/07/2015	880	45.78
172	Taisei Maru No.15	AT000JPN00651	1	08/07/2015	899	45.754
172	Taisei Maru No.15	AT000JPN00651	2	10/07/2015	904	44.755
172	Taisei Maru No.15	AT000JPN00651	27	17/08/2015	840	43.455
172	Taisei Maru No.15	AT000JPN00651	28	19/08/2015	1092	43.114
172	Taisei Maru No.15	AT000JPN00651	29	20/08/2015	818	46.823
172	Taisei Maru No.15	AT000JPN00651	30	22/08/2015	869	46.063

5. Weight estimation

The methodology used by observers for estimating transshipment weights remains the same as those previously described by the Consortium (ICCAT 2011).

6. Observer Training

Currently there are 68 registered ICCAT observers (Error! Reference source not found.), although some are not still active in the programme. Due to natural turnover of personnel it is important to maintain training on a regular basis, and the observers who have completed ICCAT training since the last annual report are shown in **Table 3**.

With prior agreement from ICCAT, IOTC and CCSBT, observers trained under any of the programmes will be available as observers for all three. This minimises delays, reduces costs and ensures a high standard of data integrity between RFMOs. It also allows observers to remain on the vessel if it crosses between RFMO areas in order to save on deployment costs (Section 2.3).

To reflect this arrangement, observers are now issued with a unique observer number and identification card, which are valid for all three RFMOs.

Table 3. ICCAT training conducted over the last year.

<i>Observer name</i>	<i>Training location</i>
Rebeca Ocon	London
John Caddle	London
Zara Cleere	London
Hakan Yilmazyerli	London
Maurice O'Malley	London
Philip Augustyn	Cape Town
Philip Robyn	Cape Town
Brandon Scott	Cape Town
Daniel Droste	Cape Town

7. Observer programme databases

The database continues to be updated as required and currently contains data from 4,478 transhipments.

8. Additional requirements under Recommendation 12-06

In 2012 ICCAT adopted a number of changes to the ROP which mainly involved observers boarding the LSPLV prior to transhipment in order to verify and check a number of compliance related issues. These are outlined in Recommendation 12-06 and the changes were summarised in the 2013 Annual ROP report (ICCAT 2013). For reference a list of infractions and the codes used by observers to report them is given in Table 4. This has been altered slightly from last year as the requirement to report a 'Logbook not up to Date' (LND) has been removed as it is not possible to tell if the logbook will be completed before port arrival. However, it is still mentioned in the observer's report if the logbook is not up to date.

In addition observers are required to record which stock the transferred fish have come from, where possible. Observers cannot independently verify the stock by observing the transhipment and so currently they only record whether the stock has been specified on the declaration and then try to check this against what is recorded in the logbook, where possible.

Table 4. Potential Non Compliance event description and code.

PNC Event	Code
General	
Observer prevented from carrying out duties on board the LSPLV	GLV
Document / Verification	
Transshipment Declaration not completed	DTD
Transshipment within EEZ without authorisation from coastal state	DEZ
Undocumented transshipments of fish received by the LSPLV	DFR
Prior authorisation to tranship not presented to the observer by the LSPLV	DNP
Prior authorisation to tranship not standard with Flag State	DNS
VMS	
No VMS shown to the observer on board the LSPLV	VNP
No power light visible on the VMS unit	VNL
ATF	
No Authorisation to fish presented to the observer by the LSPLV	ANP
Authorisation to fish not standard with Flag State	ANS
Authorisation to fish dates not valid	AID
Authorisation to fish not valid for ICCAT area	AIA
Logbook	
No logbook presented to the observer by the LSPLV	LNP
Logbook entries incorrect	LEI
Logbook not bound	LNB
Logbook sheets not numbered	LNN
Identification	
Vessel without an ICCAT number involved in transshipment operations	INN
LSPLV markings not displayed correctly	IIM
CCSBT	
No CCSBT Catch document presented for SBT	CND
SBT not individually tagged	CNT
Other	

PNC Event	Code
General	
Other event not elsewhere covered	OTH

Since the Recommendation came into force, 491 PNCs were reported by observers over 33 deployments (Error! Reference source not found.), of which 220 occurred within the period covered by this report. Since the last annual report, not all PNCs have been sent out to CPCs. The more common PNCs (for example logbook not bound) will not be sent out if the LSPLV has been reported for the same PNC within the previous 12 months, however the PNC is still logged in the Consortium’s records.

The most common PNCs to be reported were related to vessel logbooks, with unbound and unnumbered logbooks accounting for almost 80% of the PNCs issued over the period of this report and around 70% of all PNCs issued. The next most common PNCs are related to vessels being marked incorrectly; with the markings either unreadable or inconsistent with what is recorded in the ICCAT vessel list. There are also a number of vessels that did not show the observer any authorisation to tranship. Numbers and proportions of PNCs are shown below, indicating all PNCs issued in the programme since the introduction of PNCs (**Figure 7**) and those issued in the period covered by this report (**Figure 8**).

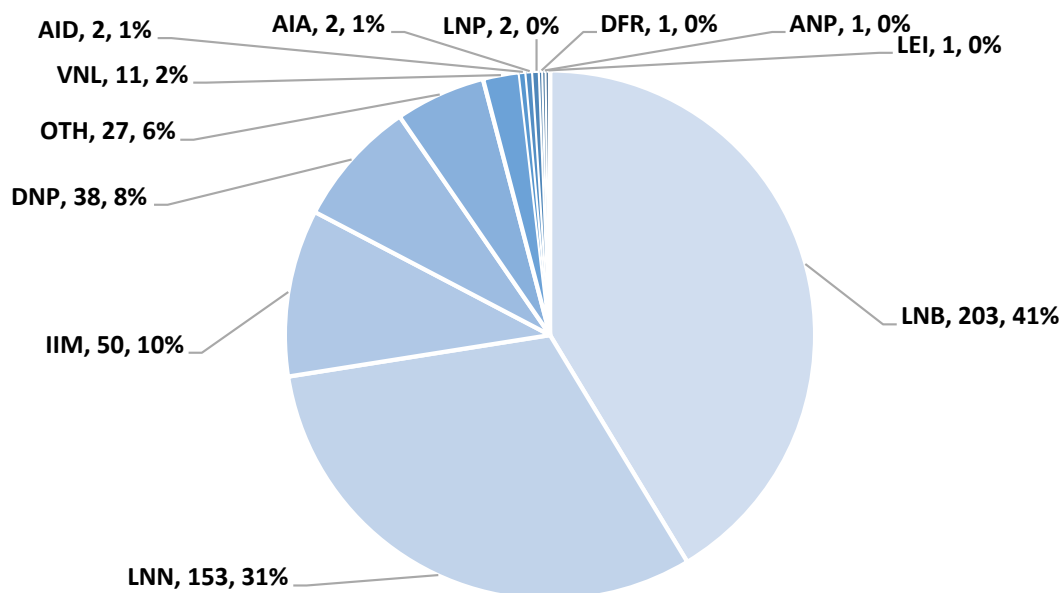


Figure 7. Number and proportion of PNCs issued since the introduction of PNCs to the programme.

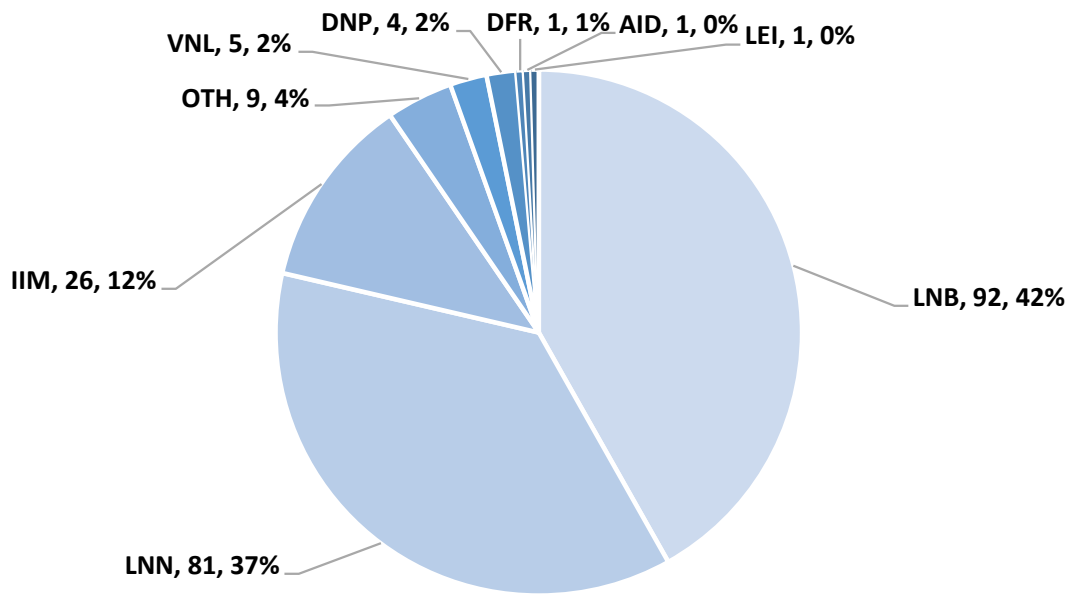


Figure 8. Number and proportion of PNCs issued during the period covered by this report.

9. Conclusions and recommendations

The ICCAT LSPLVs (transshipment) programme has now been running for eight years. The programme is operating smoothly with no specific problem areas. The Consortium remains committed to the programme and both partners continue to collaborate closely to effect the necessary observer deployments whilst maintaining observer standards and quality. Every effort is made to optimise the efficiency of deployments and minimise costs.

As the requirements for vessel inspections under Recommendation 12-06 have now been in place for two years, the Consortium would repeat its recommendation from last year that the criteria for reporting a PNC event are reviewed, particularly for the more minor non-compliances such as not having a bound logbook. These could still be reported in the final report, but not reported by the observer during their deployment.

Observer safety continues to be a priority for the Consortium and given the recent events in the IATTC ROP we will look at reviewing the equipment issued to observers. This will include issuing them with a personal AIS beacon, to be carried at all times.

ICCAT trained observers

Appendix 1

<i>Observer Name</i>	<i>ICCAT #</i>
Jonathon Roe	002
Jano Van Heerden	003
Ramon Benedet	004
Elcimo Pool	005
Ebol Rojas	006
Ethan Brown	007
Raymond Manning	008
Hendrik Crous	009
Peter Lafite	010
Andy Williams	011
Rob Gater	012
Keith Patterson	014
Gary Breedt	015
David Hughes	016
Ross James	017
Schalk Visagie	018
Bruce Biffard	019
Nick Wren	020
Chris Stump	022
Clinton Grobber	023
Fredrick Swan	025
Barrie Rose	026
Andrew Deary	027
Tom Gerrard	028
Jonathon Newton	029
Jane Le Lec	031
Zama Vilakazi	033
Jacques Combrinck	034
Thomas Franklin	037

<i>Observer Name</i>	<i>ICCAT #</i>
Robert Clark	038
Henry John Heyns	041
Stephen Westcott	042
Tudor David Smith	043
Aaron Derek Mair	045
Martin Ward	046
Sam Rush	047
Neil Davidson	048
Taylan Koken	101*
Julio Ocon	102
Pedro Costa	103
Basil Vilakazi	104
Jeffrey Heineken	105
Mzwandile Silekwa	106
David Virgo	107
Dwight Rees Dryer	108
Steven Young	109
Eddie Higgins	110
Alex Zalewski	111
Filipe Miguel de Sousa Rodrigues	112
John McDonagh	113
Ricardo Jorge Monteiro da Silva	114
Lindsay Jones	115
Carla Soler Carreras	116
Anton Tonchev Dimitrov	117
Pedro de Jesus	118
Llewellyn Lewis	119
Samantha Clifton	120
Alistair Burls	121
Stewart Norman	122

<i>Observer Name</i>	<i>ICCAT #</i>
Anthony Donnelly	123
Rebeca Ocon	124
John Caddle	125
Zara Cleere	126
Hakan Yilmazyerli	127
Maurice O'Malley	128
Philip Augustyn	129
Philip Robyn	130
Brandon Scott	131
Daniel Droste	132

* New identification card numbers are now starting from 101 since the introduction of a single identification card for the ICCAT, IOTC and CCSBT transshipment observer programmes so that observers will all have the same identification number across the programmes.

Summary of potential non-compliance events recorded

<i>Deployment ID</i>	<i>Flag</i>	<i>PNC 1</i>	<i>PNC 2</i>	<i>PNC 3</i>
154	Philippines	IIM	LNB	
154	Philippines	LNB		
154	Japan	IIM		
154	Japan	IIM		
154	Japan	LND		
154	Chinese Taipei	IIM		
157	Japan	LNB	LNN	
157	Chinese Taipei	LND		
157	Philippines	LNB	LNN	
157	Philippines	LNB	LND	
157	Japan	LNB	LNN	LND
157	Philippines	LNB	LNN	
157	Philippines	LNB	LNN	IIM
157	Japan	LNB	LNN	
157	Japan	LNB	LNN	
157	Japan	LNB	LNN	IIM
157	Japan	LNB	LNN	
157	Japan	LNB	LNN	
157	Japan	LNB	LNN	IIM
158	Philippines	LNB	LEI	
158	Chinese Taipei	LNB		
158	Japan	LNB		
158	Japan	LNB		
159	Japan	LNB		
159	Chinese Taipei	LNB	LNN	
159	Philippines	LNB	LNN	
159	Philippines	LNB	LNN	
159	Japan	LNB	LNN	

<i>Deployment ID</i>	<i>Flag</i>	<i>PNC 1</i>	<i>PNC 2</i>	<i>PNC 3</i>
159	Japan	LNB	LNN	DNP
159	Japan	LNB	LNN	
159	China	DNP		
159	Philippines	LNB	LNN	
159	Japan	LNB	LNN	
159	Korea	LNB	LNN	
159	Chinese Taipei	IIM		
160	Japan	LNB	LNN	
160	Philippines	LNB	LNN	
160	Philippines	LNB	LNN	
160	Philippines	LNB	LNN	IIM
161	Japan	LNB	LNN	
161	Japan	LNB	LNN	
161	Japan	LNB	LNN	
161	Japan	LNB		
162	Chinese Taipei	LNB		
162	China	IIM	OTH	
162	China	IIM	OTH	
162	China	IIM	OTH	
162	China	IIM	OTH	
162	China	IIM	OTH	
162	China	IIM	OTH	
162	China	IIM	OTH	LND
162	China	IIM	OTH	
162	Korea	IIM		
162	Japan	LND		
163	Japan	LNB	LND	
163	Japan	LNB	LNN	LND
163	Japan	LNB	LNN	LND
163	Japan	LNB	LND	

<i>Deployment ID</i>	<i>Flag</i>	<i>PNC 1</i>	<i>PNC 2</i>	<i>PNC 3</i>
164	Japan	LNB		
164	Japan	LND		
164	Japan	DFR		
164	Chinese Taipei	LND		
164	Japan	LNB	LNN	
165	Japan	LNB		
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Belize	AID	LNB	LNN
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
165	Japan	LNB	LNN	
166	Chinese Taipei	VNL		
167	Japan	LNB	LNN	
167	Japan	LNB	LNN	
167	Japan	LNB	LNN	LND
167	Japan	LNB	LNN	
168	Japan	LNB	LNN	

<i>Deployment ID</i>	<i>Flag</i>	<i>PNC 1</i>	<i>PNC 2</i>	<i>PNC 3</i>
168	Japan	LNB	LNN	
168	Japan	LNB	LNN	
168	Japan	LNB	LNN	
168	Japan	LNB	LNN	
168	Japan	LNB	LNN	
168	China	IIM		
168	China	IIM		
168	China	IIM	VNL	
168	China	VNL	IIM	
168	China	IIM		
168	Japan	IIM	LNB	LNN
168	Japan	LNB	LNN	
168	China	IIM		
169	Japan	LNB		
169	Japan	LNB		
169	Japan	LNB	LNN	
169	Japan	LNB		
169	Japan	LNB	LNN	
170	Japan	LNB		
170	Japan	LNB	LNN	
170	Japan	LNB		
170	Japan	LNB		
170	St Vincent & Grenadine	LNB	LNN	
170	Japan	LNB		
170	Japan	LNB		
170	Japan	LNB		
171	Japan	LND		
171	China	LND		
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	

<i>Deployment ID</i>	<i>Flag</i>	<i>PNC 1</i>	<i>PNC 2</i>	<i>PNC 3</i>
172	Japan	VNL	LNB	LNN
172	Japan	LNB	LNN	
172	Chinese Taipei	VNL		
172	Chinese Taipei	LND	IIM	
172	Chinese Taipei	LND		
172	Japan	LNB	LNN	DNP
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	DNP
172	Japan	OTH		
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	
172	Japan	LNB	LNN	