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# IOTC

## A Summary of the IOTC Regional Observer Programme During 2011

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*Submitted by*

**MRAG**



September 2012

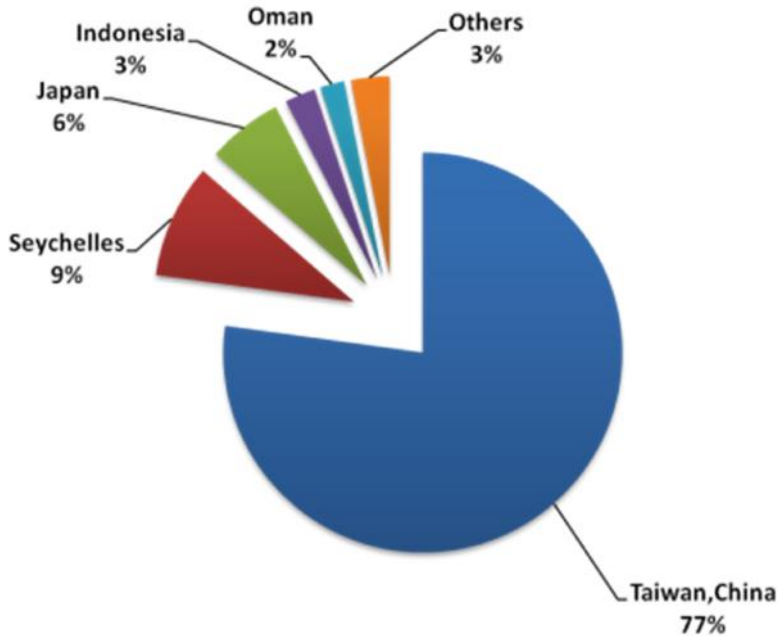
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# 1 Introduction

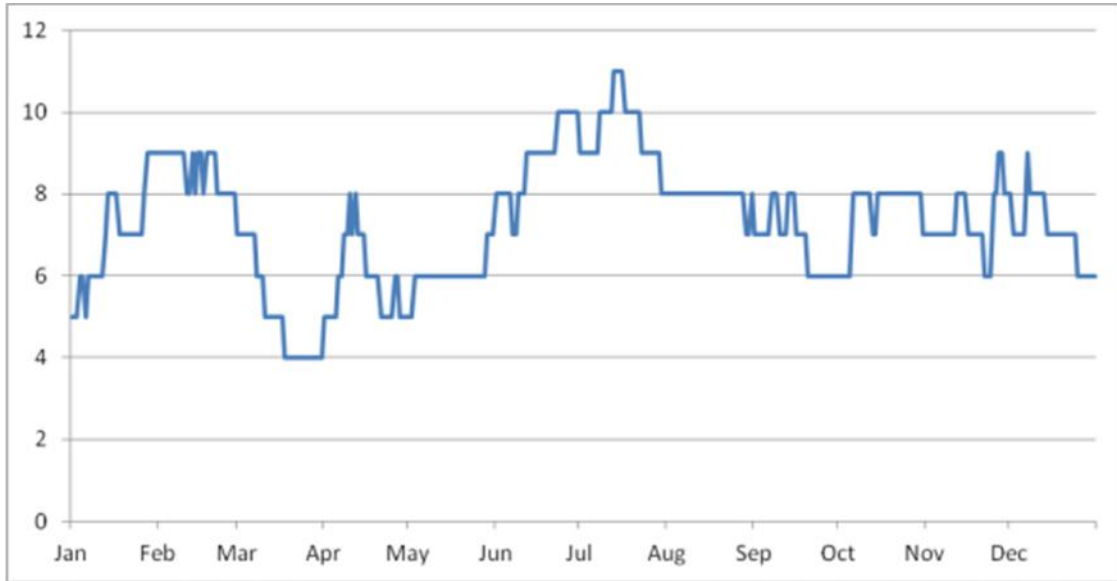
During 2011 the Regional Observer Program (ROP) monitored a total of 770 transshipments; 77% were from Taiwan, China, with Seychellois and Japanese flagged vessels accounting for 9% and 6% respectively, this is shown in Figure 1. 'Other' is made up of vessels from Belize, China, Indonesia, Republic of Korea, Oman, Thailand, Panama, Malaysia and the Philippines. The single transshipment completed by a Panama flagged vessel was between carrier vessels (CV). The CVs were predominantly flagged to; Taiwan, China (50%), Panama (22%) and Vanuatu (22%) with transshipments also completed by CVs flagged to Japan and Singapore.



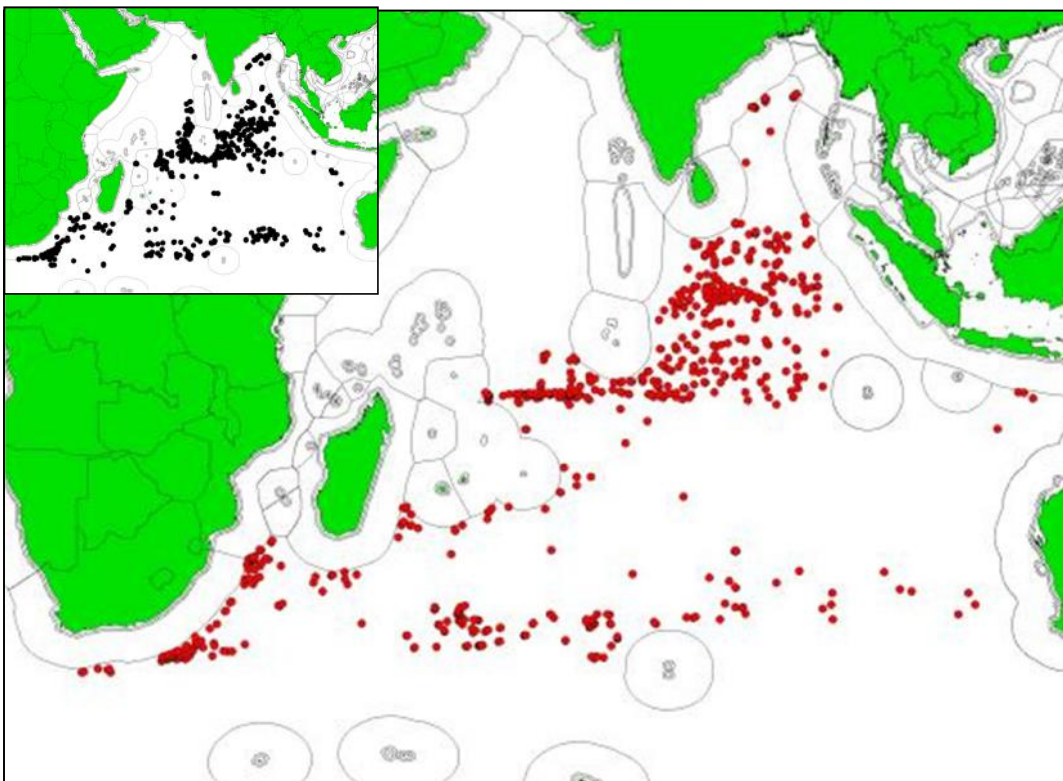
**Figure 1 Percentage contribution by fleet to the total number of IOTC transshipments during 2011**

A summary of the ROP deployments (number of CVs with observers deployed on them) during 2011 is shown in Figure 2. The number of deployments generally fluctuated between 5 and 9 throughout most of the year, with a minimum of 4 towards the end of March and a maximum of 11 in July. This is in contrast to 2010 which had peaks of 14 in February and 10 in July after which activity tailed off towards the end of the year to the end of December when there were no deployments.

Figure 3 shows the location of all transshipments during 2011 and, insert, 2010. In comparison to 2010, there is a noticeable lack of transshipments to the north west, in the area bound by 12°S and 78°E, as the increased risk of piracy has designated this a 'no go' area for CV vessel companies.



**Figure 2. Chronological Observer deployments for IOTC in 2011 on CVs**



**Figure 3 IOTC Transshipment locations during 2011 and, insert, 2010.**

During 2011 a transshipment took place within an EEZ. It occurred 4 km within the Mozambique EEZ on deployment 122/11 on board the Asian Rex during transshipment 3 with the Taiyo Maru No. 8. The observer recorded the position as 26° 52.5'S, 37° 33.7'E while the transshipment declaration recorded the position as 26° 52'S 37° 45'E. Both positions are within Mozambique's EEZ. However it was the third transshipment of the day, the other two being to the east, and the observer reported that the vessels had drifted into the EEZ.

## 2 Sampling Protocols

### 2.1 Weight estimations

Weight estimation procedures have been previously discussed in the Review of the IOTC Regional Observer Programme<sup>1</sup>. The differences between the observed weight and the vessel declared weight is shown in Figure 4.

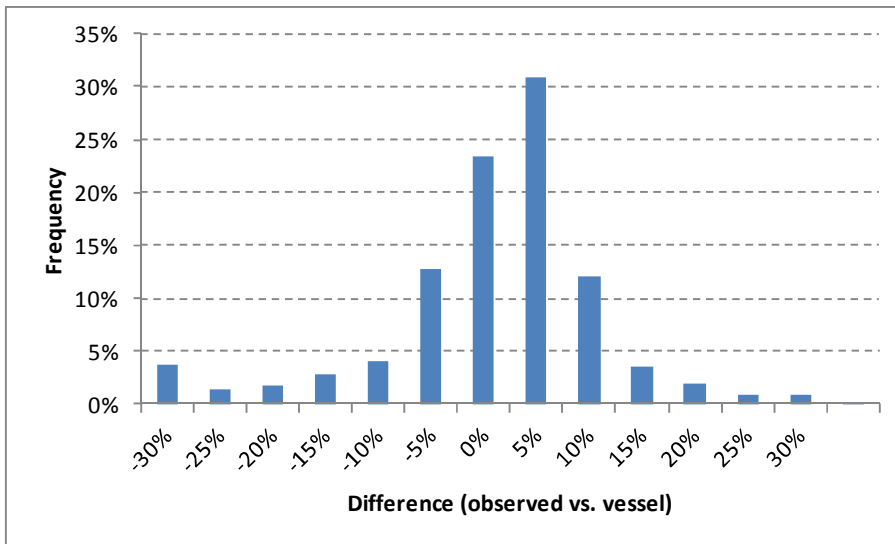


Figure 4 Differences in observed weight compared to vessel declared weight.

Negative differences represent transshipments where the observer's estimate is higher than the vessels declaration, positive differences are where the observer's estimate is lower. 83% of estimates were within 10% of the vessel's declaration. Of the balance, 7% were higher and 10% were lower than the vessels declaration. Discrepancies between observed and declared weights can be attributed to a few specific points include:

- The majority of discrepancies occurred when Large Scale Tuna Longlining Vessels (LSTLVs) transhipped fish in nets, particularly when oilfish (*Ruvettus pretiosus*) are transferred, this makes it difficult to estimate both weight and numbers.
- The number of smaller YFT and BET are not always recorded in the vessel statistics. (It appears there is a "cut off" size).
- LSTLVs sometimes use a combination of processing methods on multiple species.
- Sometimes the LSTLV will change their plans to tranship a species during the transshipment. If this occurs during transshipment and the declaration form has already been completed, portions of the transshipment may be either declared and not transhipped or included but not declared.
- On one occasion a large difference was found in the proportion of fish transhipped (-123%), the observer recorded this was probably due to a mis-declaration of bags with stomachs, and an under estimation by the vessel of the weight of oil fish and other species transferred (deployment 130/11, transshipment 4).

<sup>1</sup> MRAG and CapFish (2010). Review of the IOTC Regional Observer Programme. CoC48\_Add1[E]

## 2.2 Species Identification

The main species transhipped during 2011 were bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*), with small amounts of other species, including swordfish (*Xiphias gladius*), marlin (*Makaira* spp) and occasionally southern bluefin tuna (*Thunnus maccoyii*) and sailfish (*Istiophorus albicans*).

Tuna are recorded by species where they can be positively identified or as mixed tuna species where they can only be counted. Distinguishing between shark species is not always possible due to the variety of processing techniques used. Where it was possible to discern blue shark (*Prionace glauca*) and mako sharks (*Isurus spp.*), this was recorded by the observer. As in 2010, these two remain the most common sharks species transhipped.

## 3 Southern bluefin tuna

Since the adoption of the Resolution on the Implementation of a CCSBT Catch Documentation Scheme on 1<sup>st</sup> January 2010, any southern bluefin tuna transferred must be accompanied by a catch monitoring form which must be countersigned by the observer. During the period covered by this report, southern bluefin tuna were transhipped and declared on 51 occasions during 21 different deployments with a total of 466.380 tonnes being transferred (Table 1).

On a single occasion, four southern bluefin tuna were observed to have been transhipped but not declared. This occurred on deployment 135/11 on the Fu Jyi during transhipment number 10 with the Wen Der No. 106 (photographs were taken).

**Table 1 Transhipments of Southern Bluefin tuna (*Thunnus maccoyii*) during 2011**

Request No.	CV Name	CV IOTC #	Observer Name	Number of Transhipments	Total Declared Weight (t)
122	Asian Rex	8454	Jaco Visagie	2	33.763
123	Ryoma	8442	Thomas Franklin	3	13.000
132	New Satsuki	8456	Lindsay Jones	2	8.959
133	Ryoma	8442	Jonathan Newton	4	55.468
136	Houta Maru	8460	Marius Kapp	2	16.277
137	Satsuma	8444	Carla Carreras	3	14.648
138	Taisei Maru No.15	8465	Nick Wren	3	41.591
139	Victoria	8452	Aaron Mair	3	36.424
141	Tuna Princess	8447	Samantha Clifton	1	15.168
144	Ryoma	8442	Thomas Gerard	4	36.829
145	Shin Izu	8457	Marius Kapp	1	1.000
147	Harima 2	8440	Henry John Heyns	3	2.962
148	New Satsuki	8456	Stephen Westcott	8	96.315
151	Victoria	8452	Jonathan Newton	3	27.605
152	Yakushima	8445	Lindsay Jones	1	5.637
153	Houta Maru	8460	Bruce Biffard	1	0.535
155	Tuna Queen	8446	Steven Young	1	9.203
156	Yuan Tai No. 806	900080035	Victor Ncongo	2	13.061
157	Ryoma	8442	Tony Dimitrov	1	6.586
158	Lady Tuna	8448	Ebol Rojas	2	1.980
160	Meita Maru	8461	Stephen Westcott	1	29.372

## 4 LSTLV identification

All LSTLVs that completed IOTC transshipments and non-IOTC transshipments of cargo were photographed and cross checked against the database for consistency of name, IOTC reference number and call sign. Updated vessel lists are sent through by the IOTC Secretariat when required and added to the observer's database, updates can occur however while the observers are at sea. In these instances, if a LSTLV does not appear in the observer's database, the details are noted in the five day report and are checked against the most recent IOTC vessel list by Consortium staff - confirmation is subsequently sent to the observer. Fewer observers reported LSTLVs with poor markings displayed in 2011 than in previous years, although there was an incidence where the observer questioned the identity of the vessel:

- Transshipment 17 of deployment 135/11 was with Melati No. 2. The vessel markings indicated it was Thunnus 2 (call sign YE.4172, IOTC No. 8909) and the IRCS indicated it was (YEPK, IOTC No. 2995).

## 5 Vessel Inspections

As part of the ROP, observers are required to transfer to the LSTLV prior to the commencement of transshipment operations. For deployments requested in 2011, a total of 656 LSTLV inspections were conducted (87% of transshipments) on 251 vessels. On occasions, when it was not considered safe for the observer to transfer to the LSTLV because of poor weather conditions, logbooks and fishing licences were passed over to the CV and checked, but this was not considered a full inspection as presence of VMS was not verified. A histogram with the frequency of inspections of LSTLVs is shown in Figure 5.

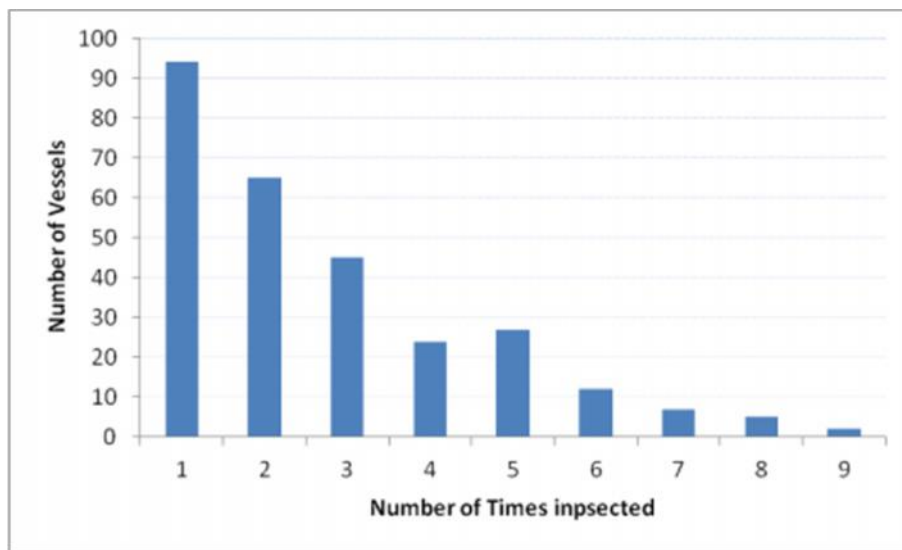


Figure 5. Histogram showing the frequency of inspections per LSTLV during 2011

The objectives of the inspections are:

- 1. Check the validity of the fishing vessel's authorisation or licence to fish tuna and tuna like species in the IOTC area.** A set of inspection documents is given to observers to help with identifying vessel's authorisation or licence to fish. During 2011, 28 inspections found that the LSTLV had no valid fishing permit onboard or could not present one (see Appendix 1). Most incidences consisted of the license being out of date while a minority produced no licence of any form. Recently a number of LSTLVs have been producing a printout from IOTC as an authorisation to fish; these have been recorded as an invalid authorisation to have fish on board.
- 2. Check and note the total quantity of catch on board, and the amount to be transferred to the carrier vessel.** This is done through direct interview with the vessel captain or fishing master (using translation sheets where appropriate). Observers do not check the holds because of health and safety reasons and is outside the remit of the programme
- 3. Check the VMS is functioning and examine the logbook.** While the observer can record whether there is a VMS unit on board and that this unit has power going to it, it is not possible, without more sophisticated equipment, to determine if it is transmitting; this can only be verified through the vessel's FMC. Logbooks are also checked to record presence / absence rather than assessing their accuracy. Logbooks encountered continue to be in a variety of different formats ranging from formal printed documents to hand-written sheets. During inspections carried out in 2011, there were 16 cases where the vessel was unable to show the observer a VMS unit, or the unit was switched off. (Appendix 2) In 40 cases, no logbooks were shown or the logbooks were not considered to be of an adequate standard (Appendix 3). It should be noted that these are not necessarily infractions, and may indicate a degree of subjectivity between observers when interpreting the requirements set out Resolution 08/04.
- 4. Verify whether any of the catch on board resulted from transfers from other vessels, and check on documentation on such transfers.** This has proved difficult to ascertain and other than asking the fishing master directly, there appears to be no other way to determine if transfers have taken place, as detailed examination of the logbooks are not possible in the time allocated. This would require a more detailed analysis of the data to determine the average catch rates of vessels, the frequency a vessel tranships and the amount transhipped each time. This may indicate that vessels transferring large amounts, often, over and above their normal catch rates, may be getting fish from other vessels.
- 5. In the case of an indication that there are violations involving the fishing vessel, immediately report the violations to the carrier vessel master.** It remains unclear what course of action the Master of the CV is required to take following receipt of such information as there are no obligations under Annex 3 of 11/05.
- 6. Report the results from these duties on the fishing vessel in the observers report.** The results of the inspections undertaken by observers are summarised in their final report and, any discrepancies are elaborated on. In addition a photographic record of all vessel authorisations, VMS units and logbooks as well as external vessel markings are kept.

## 6 Other Potential Infractions

In contravention to Resolution 10/12 Thresher shark (*Alopiidae*) fins were observed (but not transhipped) on board the Fu Kuo No. 10 on a single occasion during deployment 130/11 (CV:Chen Yu No.7).



## **7 Observer Training**

Currently there are 52 observers who have received IOTC training since 2009 (Appendix 4), some who have been trained directly through the IOTC others who have crossed over from ICCAT with prior approval from IOTC. All observers are also trained to monitor CCSBT transshipments. Not all observers who have been trained are currently active or are still in the programme, it is therefore necessary to continue to hold observer courses on a regular basis to replace those who drop out. No direct IOTC observer training was held during 2011, although some had cross over training from ICCAT.

## **8 Other Issues**

### **8.1 Safety**

All observers complete a pre sea inspection of the CV prior to sailing. There has been an improvement in vessel safety conditions since the beginning of the programme. During 2011 there were no deployment refusals. All CVs possessed valid safety certificates and had sufficient number of serviced and certified life saving appliances.

CV Captains provide guidance regarding the suitability of sea conditions for transfer to the LSTLV and have the final decision regarding whether the transfer should proceed or not. All inspections were carried out safely during 2011 with no accidents reported.

### **8.2 Waste disposal**

Waste disposal methods vary among CVs, however most have operational waste disposal plans in place. However the transshipment process continues to result in waste being discharged at sea by LSTLV. The most commonly noted items disposed of are packaging boxes.

### **8.3 Vessel cooperation**

Cooperation from both LSTLVs and CVs remains good.

### **8.4 Carrier Vessel conditions**

There have been no reports of unsuitable conditions onboard CVs during 2011.

## 9 Appendices

Appendix 1 – Incidents relating to authorisation to fish

Deployment Number	Vessel Name	Vessel Flag	Inspection Date	Inspection Comment
119	WOEN SHUENN CHANG	Taiwan, China	08-Feb-11	No licence produced
120	KINGTUNA	Seychelles	25-Jan-11	Licence expired on 31 Dec 2010
120	WIN FAR NO.868	Taiwan, China	31-Jan-11	Licence expired on 15 Jan 2011
120	YEUN HORNG NO.2	Taiwan, China	31-Jan-11	Licence expired on 04 Jan 2011
122	LONG YIELD NO. 3	Seychelles	17-Feb-11	Fishing permit out of date - SFA permit Valid to 31 December 2010
122	CHUN I 326	Seychelles	21-Feb-11	Authorisation to fish (issued by Seychelles Fishing Authority) expired December 2008.
123	MOOK ANDAMAN 018	Thailand	23-Mar-11	No fishing licence produced.
123	TUNG I NO.801	Taiwan, China	01-Mar-11	Permit to fish expired on 08/10/10.
123	HO FU MEI NO.6	Taiwan, China	13-Apr-11	Fishing license expires 09/01/2011.
128	FWU FA NO.6	Taiwan, China	12-May-11	The vessel did not have a valid fishing licence. The observer was informed a valid one would be faxed in a few days. A valid licence was faxed through on May 19th however this licence was also only issued on May 19th and not valid at time of transshipment.
129	PING SHIN NO.101	Taiwan, China	21-Apr-11	Captain did not understand what was meant by 'authorization to fish' so certificate was not seen or photographed
131	SI TAI NO.326	Taiwan, China	26-May-11	ATF expired on 6 April 2011.
131	QIXIANG 2	Malaysia	29-May-11	IOTC Printout produced for ATF.
131	WEN RUEY MAN	Taiwan, China	17-Jun-11	ATF expired 9 August 2010.
131	FENG KUO NO.688	Taiwan, China	27-Jun-11	ATF expired on 24 April 2011..
131	TORNG TAY 1	Seychelles	18-Jul-11	No valid ATF. Printout from the IOTC website provided as the ATF.

Deployment Number	Vessel Name	Vessel Flag	Inspection Date	Inspection Comment
131	YING CHIA HSIANG	Taiwan, China	20-Jul-11	ATF expired 13 December 2009.
135	LEON	Indonesia	02-Jul-11	There was no fishing permit onboard.
137	MOOK ANDAMAN 018	Thailand	28-Aug-11	No fishing licence produced.
144	MOOK ANDAMAN 018	Thailand	16-Sep-11	No fishing licence produced.
147	TAWARIQ 2	Oman	30-Oct-11	Captain unable to produce all logbook records as well as fishing license unable to determine reasons due to communication problems.
147	CHUN CHENG NO.212	Taiwan, China	09-Nov-11	The only copy of the fishing permit onboard the LSTLV is in a bad condition and has been tampered with.
147	MOOK ANDAMAN 018	Thailand	15-Nov-11	The master of the LSTLV produced a copy of a covering letter indicating that a fishing license has been issued, however he was unable to produce the actual permit.-
147	TORNG TAY No. 1	Seychelles	16-Nov-11	Master unable to produce valid fishing license.
148	MOOK ANDAMAN 028	Thailand	26-Oct-11	The vessel had no fishing licence but presented a letter from the Thai Fisheries department instead.
148	CHIEN WEI NO.3	Taiwan, China	30-Oct-11	No fishing licence produced.
152	MOOK ANDAMAN 028	Thailand	03-Dec-11	The 'Mook Andaman' (IOTC 157) provided a letter from the Thai fisheries department (Photo 152-00147) stating that the vessel was licenced and that the license number was 431000566, but provided no license as such.
156	CHIN HUNG YUN NO.37	Taiwan, China	21-Dec-11	Fishing vessel was unable to produce an in-date Authorisation To Fish.

## Appendix 2 – Incidents relating to VMS

Deployment Number	Vessel Name	Vessel Flag	Inspection Date	Inspection Comment
123	DONG WON NO.619	Korea, Republic of	16-Mar-11	VMS present but did not appear to be active.
123	MOOK ANDAMAN 018	Thailand	23-Mar-11	No VMS present.
123	WEI HSIN NO.16	Taiwan, China	11-Apr-11	VMS present but did not appear to be active.
123	KIN CHUAN HSING NO.11	Taiwan, China	12-Apr-11	VMS unit broken. New unit was delivered by Ryoma. Had been using Inmarsat Unit instead.
127	KIN CHUAN HSING NO.11	Taiwan, China	18-Apr-11	VMS Present but not installed.
128	JIH CHUN TSAI NO.666	Taiwan, China	29-Apr-11	The standard VMS system could not be found.
128	JUI MAN FA	Taiwan, China	29-Apr-11	No VMS system could be found. Only a power supply for INMARSAT-C..
130	FU KUO NO.10	Taiwan, China	25-Apr-11	The Master of the LSTLV was unable to show the VMS, just an antenna.
130	CHIN YI CHUN	Taiwan, China	01-May-11	The VMS was received and installed during the transshipment.
131	Naham 3	Oman	18-Jul-11	VMS (ARGOS) present but power switched off.
147	LONG YIELD NO. 1	Seychelles	12-Nov-11	'ARGOS' vms unit not switched on.
147	MOOK ANDAMAN 018	Thailand	15-Nov-11	No VMS unit visible.-
148	MOOK ANDAMAN 028	Thailand	26-Oct-11	VMS not seen.
148	ZHAO HUNG NO.6	Taiwan, China	04-Nov-11	VMS was present but not working.
149	CHUAN HSING FA NO.10	Taiwan, China	24-Oct-11	Vessel has a (new) vms on board. Not installed and not working.
152	MOOK ANDAMAN 028	Thailand	03-Dec-11	The observer did not recognize the unit.

### Appendix 3– Incidents relating to fishing logbooks

Deployment Number	Vessel Name	Vessel Flag	Inspection Date	Inspection Comment
119	HWA MAO NO.203	Taiwan, China	28-Jan-11	No fishing logbook produced.
123	KAO HSIN NO.6	Taiwan, China	09-Mar-11	Logbook in print formatted pages of which the last entry was the 6th of March.
123	MOOK ANDAMAN 018	Thailand	23-Mar-11	Logbook presented was a Thailand Ships Logbook with no catch information. No catch logbook was presented. Last entry in Logbook on the 15th December 2010.
124	Jiin HORNG NO.106	Seychelles	03-Feb-11	Logbook was not available.
127	WEN DAR NO.3	Taiwan, China	28-May-11	Not a proper logbook.
127	FENG KUO NO.666	Taiwan, China	01-Jun-11	Not a proper logbook.
128	SURYA TERBIT 899	Indonesia	01-May-11	Logbook just a note book.
128	SHIN SHUEN FAR NO.16	Taiwan, China	03-May-11	The logbook was just notes in a book.
128	JEE CHUEN TSAI NO.168	Taiwan, China	04-May-11	The logbook was just a note book when asked if he had a large log book like other vessels captain replied he only used note books.
128	JEE CHUEN TSAI NO.368	Taiwan, China	07-May-11	Although it is said the logbooks are accurate they are only note books and difficult to understand..
128	RUEI CHIH FA	Taiwan, China	10-May-11	The vessel sent across a note book from 2010, no up to date log was produced when asked for one.
128	HOOM XIANG NO.29	Taiwan, China	13-May-11	The logbook was just a note book and did not make any sense as there were no dates in the book.
128	FENG KUO NO.368	Taiwan, China	15-May-11	A first glance the logs are just a note book with figures but appear to be correct as the captain said he ran out of log books but could not find new ones.
128	CHU YU NO.168	Taiwan, China	16-May-11	The logbook was just a note book and Mr Chuan the operator for the carrier vessel could not understand it nor could the observer so it is recorded as not accurate.
128	FENG KUO NO.666	Taiwan, China	16-May-11	The captain sent over a note book dated 1999 and the observer could not make the figures match. When asked if he had new logs the captain said the company did not use them.
128	FENG GUO NO.168	Taiwan, China	16-May-11	The logbook was just a pocket sized note book and it is unclear if it was accurate it is recorded as not.
128	FENG KUO NO.688	Taiwan, China	17-May-11	Logbook was just a note book and it is unclear if it is accurate.
128	WEN DAR	Taiwan, China	17-May-11	The logbook was just a note book and is unclear if it is accurate.
130	SHANG FENG NO.3	Taiwan, China	16-May-11	No logbook records onboard.
130	WOEN YU CHANG NO.6	Taiwan, China	19-May-11	No logbook onboard.

Deployment Number	Vessel Name	Vessel Flag	Inspection Date	Inspection Comment
144	WOEN SHUENN CHANG	Taiwan, China	16-Sep-11	Hand ruled notebook as logbook. Last date entered was the 28/08/2011.
147	SEAWISE	Seychelles	08-Oct-11	Logbook records not complete..
147	SHUU CHANG NO.6	Taiwan, China	24-Oct-11	Logbook records not complete..
147	ASHUNEYU	Seychelles	30-Oct-11	Captain unable to produce logbook records for July 2011.
147	TAWARIQ 2	Oman	30-Oct-11	Captain unable to produce all logbook
147	HUNG YU NO.212	Taiwan, China	05-Nov-11	Logbook records not complete.
147	SHIN SHUEN FAR NO.69	Taiwan, China	05-Nov-11	Logbook records not complete.
147	LONG YIELD NO. 1	Seychelles	12-Nov-11	Logbook records not complete.
147	SINAW 8	Oman	17-Nov-11	Logbook records incomplete.
147	MAYA -9	Indonesia	17-Nov-11	Logbook records not complete.
147	KAO HSIN NO.6	Taiwan, China	20-Nov-11	The master was not willing to divulge any logbook information. He informed the observer that copies had been forwarded to the CV captain, however this proved not to be the case.
147	SHYE SHIN NO.31	Taiwan, China	22-Nov-11	The top two sections of the LSTLV's logbook record sheets are not filled in.
147	SHYE CHAN NO.6	Taiwan, China	22-Nov-11	Logbook records not complete.
148	MOOK ANDAMAN 028	Thailand	26-Oct-11	No fishing logbook produced.
150	FORTUNE No. 78	Seychelles	17-Oct-11	Logbooks were presented (positional data in a book) but the master was not able to accurately calculate the catches from this log.
150	PING SHIN 201	Seychelles	19-Oct-11	Logbook was not provided
156	HUNG YU NO.212	Taiwan, China	15-Dec-11	Logbook a scribble in a notebook. Not in a structured form.
156	WEN DAR NO.3	Taiwan, China	31-Dec-11	Logbook informal in a notebook.
158	HUNG YU NO.212	Taiwan, China	12-Dec-11	Logbook had only details of a week in a piece of paper.
158	PANOCEAN	Seychelles	13-Dec-11	No logbook present onboard, was shown just a pieces of paper with details of the fish to be transhipped.

#### Appendix 4- IOTC trained observers

Observer Name	IOTC Number	ICCAT trained
Ray Manning	001	Yes
Kevin Ruck	002	No
Jano van Heerden	003	Yes
Jonathon Roe	004	Yes
James Bennet	005	No
David Hughes	006	Yes
James Moir-Clark	007	No
Hendrik Crous	008	Yes
Tony Dimitrov	010	Yes
Jeffrey Heinecken	011	No
Jaco Visagie	012	No
Jonathon Newton	013	Yes
Sam Rush	014	Yes
Hentie Heynes	015	Yes
David James Virgo	016	No
Juan Vilata	017	No
Patrick Nugent	018	No
Andrew Deary	019	Yes
George Stoyale	020	No
Nicky Wiseman	021	No
Neil Davidson	022	No
Nicholas Van Leenhoff	023	No
Lindsay Jones	024	Yes
Schalk Visagie	025	Yes
Thomas Hamish Gerrard	026	Yes
Gary Breedt	027	Yes
Peter Lafite	028	Yes
Ebol Rojas	029	Yes
Erich Gericke	030	No
Barry Rose	031	Yes
Nicholas Wren	032	Yes
Ramon Benedet	033	Yes
Clinton Grobbelar	034	Yes
Victor Ngcongco	035	Yes
Stephen Westcott	036	Yes
Steven Young	037	No
Anthony Donnelly	038	Yes
Thomas Franklin	039	Yes
Robert Clark	040	Yes
Pedro Jesus	041	Yes
Oliver Wilson	042	No
Jan Wissema	043	No
Elcimo Pool	044	Yes
Bruce Biffard	045	Yes
Carla Soler Carreras	047	Yes
Samantha Clifton	048	Yes
Jane Le Lec	049	Yes
Marius Kapp	050	No
Aaron Mair	051	Yes
Martin Ward	052	Yes

