

## IOTC-2016-CoC13-04a [E]

### REPORT ON ESTABLISHING A PROGRAMME FOR TRANSHIPMENT BY LARGE-SCALE FISHING VESSELS

Prepared by IOTC Secretariat, 16 April 2016

IOTC Resolution 14/06 *On Establishing a Programme for Transshipment by Large-Scale Fishing Vessels* calls for all transshipment operations of tuna and tuna like species and sharks species in the IOTC Area to take place in port except under special conditions. In accordance with this resolution, at sea transshipments will be monitored by IOTC observers. This applies initially to large-scale tuna longline fishing vessels and to carrier vessels authorised to receive transshipments from these vessels at sea.

#### Executing the Regional Observer Programme

The Consortium of Marine Resource Assessment Group and Capricorn Fisheries is responsible for executing work under the IOTC regional observer programme. The responsibilities of the Consortium include the training and provision of qualified observers, managing the logistics for the deployment of observers and their repatriation at the end of the deployment and maintaining the IOTC regional observer programme database. The Consortium is also tasked with providing the IOTC Secretariat with five day reports which summarise the activities undertaken by the programme every five days. A report for each deployment is also submitted to the Secretariat at the end of each deployment. In line with the agreed confidentiality rules, these reports are subsequently edited by the Secretariat and forwarded to the concerned fleets whose vessels have transhipped under the deployment for which the report covers. Additionally, the reports for deployments where Southern Bluefin tuna have been transhipped are also forwarded to the Secretariat of the CCSBT as per the MOU signed between the IOTC and CCSBT. This arrangement has the benefit of minimising costs to the fleets that catches and tranships SBT in the IOTC Area.

#### Fleets currently participating in the Programme

Paragraph 3. The Commission hereby establishes a programme to monitor transshipment at sea which applies initially to large-scale tuna longline fishing vessels (hereafter referred to as the “LSTLVs”) and to carrier vessels authorised to receive transshipments from these vessels at sea.

Paragraph 4. The CPCs that flag LSTLVs shall determine whether or not to authorise their LSTLVs to tranship at sea.

Table 1 list the numbers of Large Scale Fishing Vessels currently authorised to operate in the IOTC Area and indicates which fleets have participated in the Programme in 2015.

## IOTC-2016-CoC13-04a [E]

**Table 1. Numbers of Large Scale Tuna Longline Fishing Vessels (LSTLVs) authorised to operate in the IOTC Area, and remarks on participation in the Transshipment Programme.**

	No LSTLVs	Remarks
Australia	5	Not transshipping at sea
Belize		n/a
China	107	Participating in the Regional Observer Programme
Taiwan,China	331	Participating in the Regional Observer Programme
Comoros		n/a
European Union	150	Not transshipping at sea
Eritrea		n/a
France (O. T.)		n/a
Guinea		n/a
India	19	Not transshipping at sea <sup>1</sup>
Indonesia	411	Participating in the Regional Observer Programme
Iran	5	Not transshipping at sea
Japan	216	Participating in the Regional Observer Programme
Kenya		Not transshipping at sea.
Korea, Republic of	101	Participating in the Regional Observer Programme
Madagascar		Not transshipping at sea
Malaysia	5	Participating in the Regional Observer Programme
Maldives	6	Not transshipping at sea
Mauritius		n/a
Mozambique	1	Not transshipping at sea
Oman	1	Participating in the Regional Observer Programme
Pakistan		n/a
Philippines	7	Participating in the Regional Observer Programme <sup>2</sup>
Seychelles	44	Participating in the Regional Observer Programme
Sierra Leone		n/a
Sri Lanka		n/a
Sudan		n/a
Tanzania	3	Participating in the Regional Observer Programme
Thailand		Participating in the Regional Observer Programme
UK (I. O. Territories)		n/a
Vanuatu		Not transshipping at sea
Senegal	1	Not transshipping at sea
South Africa	10	Not transshipping at sea

<sup>1</sup> India has requested deployment of observer on 03/03/2015, the transshipment operation occurred on 23<sup>rd</sup> March 2015, but India has yet to confirm its participation to the ROP.

<sup>2</sup> Philippines has submitted its withdrawal of ROP as effective of 08/01/2015.

**Submission of carrier vessels list**

Paragraph 6. Each CPC shall submit, electronically where possible, to the IOTC Secretary by 1 July 2008 the list of carrier vessels that are authorised to receive at-sea transhipments from its LSTLVs in the IOTC Area.

All the fleets participating in the ROP have submitted information on carrier vessels authorised to receive at-sea transhipments from their LSTLVs. This represents a total of 71 carrier vessels that have been expressly authorised to receive at-sea transhipments from participating fleets in the programme; it should be noted that a carrier vessel may be authorised by one or more participating fleets.

From the 71 carrier vessels listed in the IOTC Record of Authorised Vessels (as of 21 March 2016), 18 carrier vessels have been used by the participating fleets in 2015 (Table 2) following submission of request of deployments by the participating fleets and subsequent approval of the deployments by the Secretariat.

There are 45 carrier vessels, included in the carrier vessels list for the purpose of the ROP, that have never been used during the time frame of the ROP. From those 45 CV, 10 CV have outdated or open ended authorisation date.

There are 5 carrier vessels, included in the carrier vessels list not for the purpose of the ROP, that have never been used during the time of the ROP. From those 5 CV, 2 CV have outdated or open ended authorisation date. None of the fleet participating in the ROP have requested deployment on those 5 Carrier Vessels (Table 3).

Table 2: Carrier vessels active in 2015

Table 3: Carrier vessels not active during the time of the ROP (2009/2015)

Carrier vessels active in 2015	
Name of carrier vessel	Fleet
CHEN YU NO.7	TWN, CHN
CHIKUMA	LBR
HO YUAN	TWN, CHN
KHA YANG 333	MYS
KHA YANG	MYS
IBUKI	PAN
LADY TUNA	PAN
MEITA MARU	LBR
SEI SHIN	KOR
SEIYU	KOR
SHENG HONG	TWN, CHN
SHOTA MARU	VUT
SHUN TIAN FA NO. 168	TWN, CHN
TAISEI MARU NO.15	VUT
TAISEI MARU NO.24	JPN
FUTAGAMI	LBR
SEIWA	KOR
<b>NCP carrier vessel</b>	
CHITOSE	SGP

Carrier vessels not used during the ROP (2009/2015)			Date 1 <sup>st</sup> included (FROM)	Last date authorised TO
	Name of carrier vessel	Fleet		
<b>Carrier vessels included in carrier vessels list for the purpose of the ROP</b>	HAIYU	CHN	30/12/2008	None; Open
	KAI CHENG	CHN	30/12/2008	None; Open
	TAISHENG LUN	CHN	30/12/2008	None; Open
	TAIXIANG	CHN	30/12/2008	None; Open
	TAIYU	CHN	30/12/2008	None; Open
	TAIHO MARU	LBR	01/08/2008	14/02/2017
	MUTIARA 12	IDN	29/04/2014	23/02/2016
	MUTIARA 18	IDN	01/08/2015	29/07/2016
	MUTIARA 20	IDN	01/08/2015	29/07/2016
	MUTIARA 36	IDN	27/02/2015	10/08/2015
	MUTIARA 39	IDN	28/02/2015	30/09/2015
	HIROYOSHI 2	IDN	28/04/2015	04/02/2016
	HIROYOSHI 17	IDN	24/04/2015	12/02/2016
	ABADI JAYA - 101	IDN	03/10/2013	12/02/2016
	SUMBER TUNA	IDN	30/05/2014	28/05/2016
	GOUTA MARU	JPN	05-Nov-15	None; Open
	ORION NO. 1	KOR	01-Feb-15	10-Feb-20
	SUN FLOWER 7	KOR	16-Dec-15	31-Dec-16
	CAPE BELLE	LBR	28-Apr-15	28-Apr-16
	FRIO IONIAN	LBR	06-May-15	06-May-16
FRIO OLYMPIC	LBR	12-Aug-15	22-May-16	

	GREEN CONCORDIA	LBR	01-Jun-15	01-Jun-16
	GREEN GLACIER	LBR	15-Feb-16	15-Feb-17
	GREEN TOLEDO	LBR	18-Mar-16	18-Mar-17
	HUMBOLDT BAY	LBR	02-Dec-15	02-Sep-16
	LAGOON PHOENIX	LBR	24-Mar-16	24-Mar-17
	NOVA STELLA	LBR	03-Jun-15	03-Jun-16
	PRINCE OF SEAS	LBR	27-May-15	27-May-16
	SEA STAR	LBR	26-Oct-15	26-Oct-16
	SIERRA LAUREL	LBR	06-Nov-15	06-Nov-16
	SIERRA QUEEN	LBR	04-Jun-15	25-Aug-16
	TAGANROGSKIY ZALIV	LBR	06-May-15	06-May-16
	TAIHO MARU	LBR	10-Feb-16	14-Feb-17
	WATER PHOENIX	LBR	27-Oct-15	27-Oct-16
	KURIKOMA	PAN	01-Jul-08	None; Open
	PONTOS	PAN	22-Oct-15	30-Jun-16
	SHIN CHUN No. 106	PAN	01-Jun-09	31-Dec-09
	KAIHO MARU	SYC	27-Feb-16	31-Dec-16
	CHANG CHING NO.1	TWN, CHN	01-Jul-15	30-Jun-16
	CHANG SHUN	TWN, CHN	01-Jul-15	30-Jun-16
	FU JYI	TWN, CHN	01/07/2008	30-Jun-16
	LIAN JYI HSING	TWN, CHN	01/07/2008	30-Jun-16
	SHIN CHUN NO.102	TWN, CHN	01/07/2008	30-Jun-16
	WIN SHUEN SHING	TWN, CHN	01/07/2008	30-Jun-16
	TENHO MARU	VUT	01/07/2008	None; Open
<b>Carrier vessels included in carrier vessels list not for the purpose of the ROP</b>	GEMINI	IDN	17/07/2008	17/02/2015
	HIROYOSHI - 18	IDN	31/07/2011	24/02/2017
	HIROYOSHI – 7	IDN	17/07/2008	13/08/2016
	HIROYOSHI 08	IDN	17/07/2008	None; Open
	PERMATA 688	IDN	20/03/2007	19/03/2012

### Costs of implementing the Regional Observer Programme for the year 2014 and calculation of contributions for the participants in the Programme

Paragraph 12, Annex 3 - The costs of implementing this program shall be financed by the flag CPCs of LSTLVs wishing to engage in transshipment operations. The fee shall be calculated on the basis of the total costs of the program. This fee shall be paid into a special account of the IOTC Secretariat and the IOTC Secretary shall manage the account for implementing the program.

Based on the level of activities recorded from the sixth year (2009 – 2014) of the transshipment programme, a budget of €557,247 was proposed for the programme in 2015. This resulted in a total budget of €5,393,009 allocated for the seven years over which the transshipment programme had been implemented.

The principle applied to recover the cost for the programme was discussed and agreed upon by the representatives of the different fleets participating in the regional observer programme. Unlike the initial cost recovery method, which was adopted in the first year of the programme (2009), the cost recovery method for the last six years has been based on actual figures from the preceding year. Therefore, the cost for 2015 was apportioned to participating fleets based on the quantity of fish that they actually transhipped during 2014. There may be some financial implication for the next invoicing exercise as India has requested deployment of observer on 03/03/2015, the transhipment operation occurred on 23rd March 2015, but India has yet to confirm its participation to the ROP.

The amount apportioned is the equivalent of the estimated total cost for the year plus the 4.5% FAO servicing cost. Difference between the budgeted amount and the actual costs incurred is adjusted to the contributions of the participating fleets in the following year of the Programme.

### **Transhipments observed**

For 2015, a total of 38 observer deployments were approved. Two of the approved deployments were subsequently cancelled by the fleet requesting the deployment. Information on transhipments observed from the 1<sup>st</sup> January to 31<sup>st</sup> December, 2015, is presented in Table 4 and Figures 1 and 2. Others in Figure 2 refer to India, Oman, Tanzania and Thailand. A total of 726 transhipment operations have been observed, in which 39,730 tonnes of fish were transhipped. In comparison to 2014, the numbers of deployments approved in 2015 were slightly less, and the numbers of transhipments observed decreased by 3%. Bigeye tuna was the main species transhipped; accounting for 33.52% of all fish transhipped. This was followed by albacore and yellowfin tunas which accounted for 23.28% and 18.17%, respectively. Oilfish (*Revolvulus spp.*), which is a non-IOTC species, accounted for the fourth most important species transhipped with 7.17% of fish transhipped during 2015. Overall, tuna and billfishes accounted for 81.51% of all species transhipped. In comparison to 2014, the quantity of fish transhipped during 2015 has slightly decreased. Figures 3 and 4 provide a graphical illustration of the changes in the transhipment programme over 2014 and 2015. Others in Figure 4 refer to India, Oman, Tanzania and Thailand.

### **Follow up of the CoC12 Recommendation**

During the last Compliance Committee meeting in South Korea, the following recommendation was made:

*The CoC **RECOMMENDED** that the IOTC Secretariat work with the Contractor to request that a draft of the inspection report be provided to the fishing master of the LSTLVs to give the opportunity of the fishing master to provide comments on the inspection report and when there are comments, they are provided back to the observer for consideration for the final observer report.*

The Secretariat has been working with the Consortium to explore how best to implement this recommendation, and proposals were made to the fleets. As a result, the boarding form was modified to respond to the recommendation of the CoC. The new boarding form was provided to the fleets on 27 January 2016 for them to provide comments. No comment has been received from the fleet, and the new boarding form is now being used by the IOTC observers, and it presents the master of LSTLVs the opportunity to provide their comments.

Table 4: Details of the transhipments undertaken by fleets, during the period 1<sup>st</sup> January 2015 – 31<sup>st</sup> December, 2015.

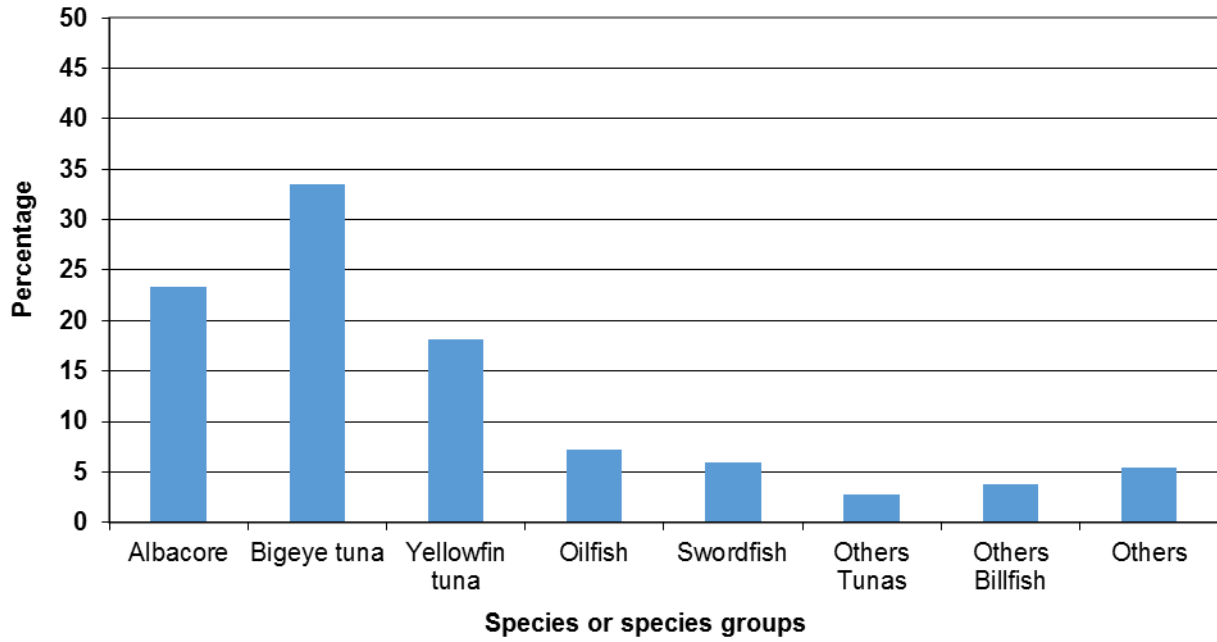
Fleets	Albacore	Bigeye tuna	Yellowfin tuna	Oilfish	Swordfish	OTH_Tunas <sup>a</sup>	OTH_Billfish <sup>b</sup>	Other <sup>c</sup>	Total (Mt)
China	17.543	4537.989	1407.705	3.995	1039.029	1.664	535.27	253.983	<b>7797.18</b>
Taiwan,China	6232.549	5437.731	2334.309	2844.559	830.637	483.516	714.185	1548.289	<b>20425.78</b>
India	0	0	68.59	0	126.44	0	4.27	0	<b>199.30</b>
Japan	1720.094	1093.467	1578.46	0	171.313	471.112	100.414	173.977	<b>5308.84</b>
Republic of Korea	105.333	106.095	858.702	0	41.931	134.952	48.866	29.042	<b>1324.92</b>
Malaysia	993.104	21.92	31.177	0	12.6	0	10.301	119.563	<b>1188.67</b>
Oman	0	4.227	2.027	0	0	0	0	0	<b>6.25</b>
Seychelles	94.271	1819.558	798.24	0.861	103.31	0	80.066	25.59	<b>2921.90</b>
Tanzania	0	136.428	50.104	0	13.862	0	12.754	0	<b>213.15</b>
Thailand	86	161.05	90.6	0	5.75	0	0.95	0	<b>344.35</b>
<b>Total (Mt)</b>	<b>9248.89</b>	<b>13318.47</b>	<b>7219.91</b>	<b>2849.42</b>	<b>2344.87</b>	<b>1091.24</b>	<b>1507.08</b>	<b>2150.44</b>	<b>39730.32</b>

**a:** Skipjack tuna, Southern bluefin tuna, Mixed tuna, Tuna nei.

**b:** Atlantic Blue Marlin, Atlantic Sailfish, Indo-pacific blue marlin, Indo-pacific sailfish, Longbill spearfish, Black marlin, Stripped Marlin, Marlins, sailfishes nei.

**c:** Wahoo, Butterfly kingfish, Narrow-barred Spanish mackerel, Mixed fish species, Opah.

**Figure 1. Distribution of species/species groups transhipped (%)**



**Figure 2. Distribution of transhipments by fleets (2015)**

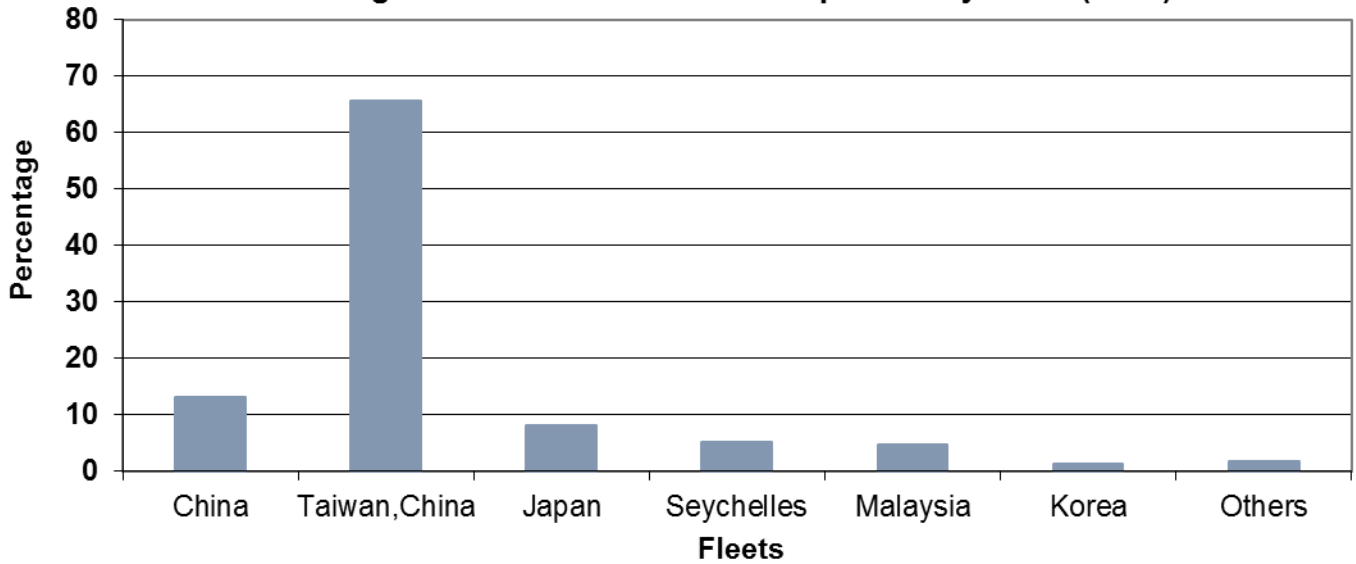


Figure 3. Distribution of species/species groups transhipped

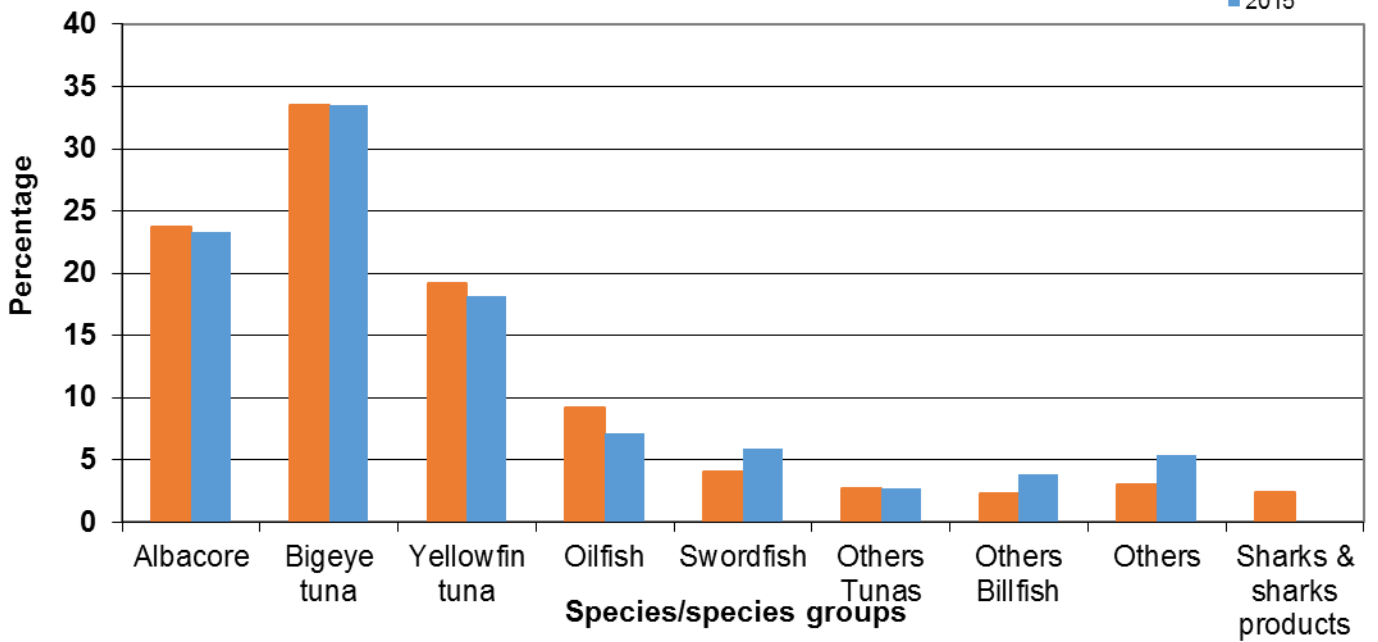


Figure 4. Distribution of transhipments by fleets

