

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

Prepared by IOTC Secretariat

IOTC Resolution 08/02 *On Establishing a Programme for Transhipment by Large-Scale Fishing Vessels* calls for all transhipment operations of tuna and tuna like species in the IOTC Area to take place in port except under special conditions. In accordance with this resolution, at sea transhipments will be monitored by IOTC observers. This applies initially to large-scale tuna longline fishing vessels and to carrier vessels authorised to receive transhipments 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.

### Fleets currently participating in the Programme

Paragraph 3. The Commission hereby establishes a programme to monitor transhipment 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 transhipments 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 operating in the IOTC Area and indicates which fleets have participated in the Programme in 2010. Table 1 also highlight the fleets that have transhipped under the programme but have not yet contributed to the cost of the programme for 2010.

### 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.

Nine fleets have submitted information on carrier vessels authorised to receive at-sea transhipments from their LSTLVs. This represents a total of 50 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. The following CPCs have not submitted their list of authorised carrier vessels; Indonesia, Kenya, Malaysia and Tanzania.

## Costs of implementing the Regional Observer Programme for the year 2010 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 first year of the transshipment programme, a budget of €957,446.90 was proposed for the programme in 2010. This resulted in a total budget of €2,007,163.96 allocated for the two year period in 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 previous cost recovery method, for 2010 the cost recovery method was based on actual figures from the 2009 programme. The cost was apportioned to participating fleets based on the quantity of fish that they actually transhipped during 2009.

The amount apportioned is the equivalent of the estimated total cost for the year. Any differences between the budgeted amount and the actual costs incurred will result in adjustments to the 2011 contributions of the participating fleets in the Programme.

### Transshipments observed

For 2010, a total of 45 observer deployments were approved, of which two were subsequently cancelled by the fleets requesting the deployment. Information on transshipments observed from the 1<sup>st</sup> January to 31<sup>st</sup> December, 2010, for the trips that have been concluded at the time of preparing this report are presented in Table 2 and Figures 1 and 2. Others in Figure 2 refer to Belize, Indonesia, Kenya, Malaysia, Philippines, Tanzania and Thailand. A total of 894 transshipment operations have been observed, in which 38,793 tonnes of fish were transhipped. In comparison to 2009, the numbers of deployments approved were down by almost a third in 2010, and the numbers of transshipments observed were also down by just over 25%. Bigeye tuna was the main species transhipped; accounting for 35% of all fish transhipped. This was followed by albacore and yellowfin tunas which accounted for 19% and 13%, respectively. Oilfish (*Revtutus spp.*), which is a non-IOTC species, and which accounted for the second most important species transhipped in 2009, accounted for almost 13% of fish transhipped during 2010. Overall, tuna and billfishes accounted for approximately 76% of all species transhipped. In comparison to 2009, the quantity of fish transhipped during 2010 was down by 30%. Figures 3 and 4 provide a graphical illustration of the changes in the transshipment programme over 2009 and 2010. Others in Figure 4 refer to Belize, Indonesia, Kenya, Malaysia, Oman, Tanzania and Thailand.

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

	No LSTLVs.	Remarks
Australia	15	Not transshipping at sea
Belize	4	Not participating in the ROP; two transshipments have been observed
China	64	Participating in the Regional Observer Programme
Taiwan,China	347	Participating in the Regional Observer Programme
Comoros		n/a
European Union	143	Not transshipping at sea
Eritrea		n/a
France (O. T.)		Not transshipping at sea
Guinea	1	Not transshipping at sea
India	15	Not transshipping at sea
Indonesia	312	Participating in the Regional Observer Programme
Iran	1	Not transshipping at sea
Japan	293	Participating in the Regional Observer Programme
Kenya	2	Participating in the Regional Observer Programme
Korea, Republic of	162	Participating in the Regional Observer Programme
Madagascar	2	Not transshipping at sea
Malaysia	29	Not participating in the ROP; three transshipments have been observed
Mauritius	3	Not transshipping at sea
Oman	25	Participating in the Regional Observer Programme
Pakistan		n/a
Philippines	26	Participating in the Regional Observer Programme
Seychelles	27	Participating in the Regional Observer Programme
Sierra Leone		n/a
Sri Lanka		n/a
Sudan		n/a
Tanzania		n/a
Thailand	6	Participating in the Regional Observer Programme
UK (I. O. Territories)		n/a
Vanuatu	43	Not transshipping at sea
Maldives		
Senegal	3	Not transshipping at sea
South Africa	9	Not transshipping at sea
Uruguay		n/a

**Table 2: Details of the transhipments undertaken by fleets, during the period 1<sup>st</sup> January 2010 – 31<sup>st</sup> December, 2010.**

(NB. Not all data for deployments that began in late 2010 have been integrated into the database as some deployments have not been concluded.)

<b>Fleets</b>	<b>Albacore</b>	<b>Bigeye tuna</b>	<b>Yellowfin tuna</b>	<b>Oilfish</b>	<b>Swordfish</b>	<b>OTH_Tunas</b>	<b>Oth_Billfish</b>	<b>Others</b>	<b>Sharks/Sharks prod.</b>	<b>Total</b>
Belize	0.01	0.18	0.06		8.04	0.00	1.99	10.90	14.62	35.80
China	6.75	669.80	75.27	3.98	24.87	0.52	18.12	43.81	31.42	874.55
Taiwan,China	4,847.36	7,536.93	3,022.66	4,517.66	1,019.17	426.96	864.02	1,401.89	2,259.58	25,896.23
Indonesia	7.40			209.60		0.00	0.00	0.00	0.00	217.00
Japan	1,645.80	1,916.13	1,082.28		173.26	211.60	180.63	187.74	46.40	5,443.84
Kenya	46.00	0.30		63.00		0.00	2.92	2.80	7.00	122.02
Korea_Republic of	186.83	46.87	265.10		11.54	323.49	13.01	87.44	30.46	964.73
Malaysia	2.73	0.20	2.70		6.70	0.00	2.53	15.23	29.49	59.58
Oman	23.44	514.78	101.75	134.17	25.44	0.00	11.74	14.08	16.33	841.74
Philippines	46.70	73.08	156.67			37.00	1.70	0.00	0.00	315.15
Seychelles	460.60	2,689.71	337.29	73.00	136.56	0.00	69.64	46.50	44.65	3,857.94
Tanzania		98.00	10.00		8.70	0.00	0.72	0.00	0.00	117.42
Thailand		43.13	4.18			0.00	0.00	0.00	0.00	47.31
<b>Total</b>	<b>7,273.60</b>	<b>13,589.12</b>	<b>5,057.95</b>	<b>5,001.42</b>	<b>1,414.28</b>	<b>999.57</b>	<b>1,167.03</b>	<b>1,810.39</b>	<b>2,479.95</b>	<b>38,793.32</b>



