

PROGRESS ON THE RECOMMENDATIONS OF WPTT13

PREPARED BY: IOTC SECRETARIAT AND CHAIR, 9 OCTOBER 2012

PURPOSE

To provide an update on the progress made in implementing the recommendations from previous Working Party on Tropical Tunas (WPTT) meeting which were endorsed by the Scientific Committee (SC), and to provide alternative recommendations for the consideration and potential endorsement by participants as appropriate given any progress.

BACKGROUND

At the Thirteenth Session of the Working Party on Tropical Tunas, participants agreed on a series of actions to be taken by participants, CPCs, and the Secretariat on a range of issues. The subsequent table developed and agreed to by the WPTT was provided to the SC for its endorsement.

DISCUSSION

The Rules of Procedure of the Scientific Committee include the following seven core tasks, which are to be supported by the various Working Parties.

- a) recommend policies and procedures for the collection, processing, dissemination and analysis of fishery data;
- b) facilitate the exchange and critical review among scientists of information on research and operation of fisheries of relevance to the Commission;
- c) develop and coordinate cooperative research programmes involving Members of the Commission in support of fisheries management;
- d) assess and report to the Commission on the status of stocks of relevance to the Commission and the likely effects of further fishing and of different fishing patterns and intensities;
- e) formulate and report to the sub-commission, as appropriate, on recommendations concerning conservation, fisheries management and research, including consensus, majority and minority views;
- f) consider any matter referred to by the Commission;
- g) to carry out other technical activities of relevance to the Commission.

Noting the core tasks of the SC, and hence the WPTT, and the fact that the SC, Commission and CPCs in general have struggled to implement previous recommendations from the WPTT, the Chair and Secretariat undertook a review and subsequent revision of recommendations from the WPTT13 meeting in an attempt to provide clearer direction and delegation of responsibility for each recommendation as appropriate.

The revised recommendations are contained in [Appendix A](#) for the consideration and potential endorsement by the WPTT.

RECOMMENDATION

That the WPTT:

- 1) **NOTE** the progress made in implementing the recommendations of the Thirteenth Session of the WPTT, and consider the proposed draft revisions to those recommendations yet to be completed.
- 2) **AGREE** to the revised recommendations, and for these to be combined with any new recommendations arising from WPTT14, noting that these will be provided to the SC for their endorsement.

APPENDICES

Appendix A: [Progress made on the recommendations of WPTT13.](#)

APPENDIX A

Progress made on the recommendations of WPTT13

#	Recommendation from WPTT13	Adopted by SC14	Revise at WPTT 14	Proposed revision for consideration at WPTT14	Due date
1	<p>Outcomes of the Thirteenth Session of the Scientific Committee</p> <p>WPTT13.01 (para.10) Noting that each year the Scientific Committee and the Commission make a number of requests to the various working parties, without clearly identifying the task to be undertaken, its priority against other tasks previously or simultaneously assigned to the working parties, and without assigning a budget to fund the request made, the WPTT RECOMMENDED that these matters be addressed by the Scientific Committee at its next session.</p> <p><i>Progress: Recommendation noted by the SC and Commission.</i></p>	Yes	No	–	–
2	<p>Review of the data available for tropical tuna species</p> <p>WPTT13.02 (para.22) The WPTT NOTED the main tropical tuna data issues that are considered to negatively affect the quality of the statistics available at the IOTC, by type of dataset and fishery, which are provided in Appendix V, and RECOMMENDED that the CPCs listed in Appendix V make efforts to remedy the data issues identified and to report back to the WPTT at its next meeting.</p> <p><i>Progress: CPCs to report to the WPTT14</i></p>	Yes	Yes	Develop at WPTT14	Ongoing
3	<p>WPTT13.03 (para.54) Noting that an IOTC mission to Pakistan was scheduled but had to be postponed due to the situation in the country, the WPTT RECOMMENDED that the IOTC Secretariat travel to Pakistan once the situation improves, in order to assess the status of data collection and reporting systems in this country and to report back to the WPTT at its 2012 session.</p> <p><i>Progress: Travel is still not possible. Will consider for 2013.</i></p>	Yes	No	–	–
4	<p>WPTT13.04 (para.55) The WPTT RECOMMENDED that as a matter of priority, Pakistan provide catch-and-effort data and size data for tropical tunas, in particular from their gillnet fisheries, noting that this is already a mandatory reporting requirement.</p> <p><i>Progress: In 2012 the IOTC Secretariat received new catch and size data from Pakistan, collected by the WWF in Pakistan. However, to date Pakistan has not officially reported catch-and-effort or size data as per the IOTC standards to the IOTC.</i></p>	Yes	Yes	Develop at WPTT14	

5	<p>WPTT13.05 (para.56) The WPTT welcomed the efforts of Sri Lanka to improve data collection and management for its fisheries and RECOMMENDED that the IOTC-OFCF project and Sri Lanka continue their cooperation towards improving the collection and reporting of fisheries statistics and to report back to the WPTT at its 2012 Session.</p> <p><i>Progress: During 2011–12 the IOTC-OFCF Project provided technical and financial support for the implementation of a Centralized Database System in Sri Lanka, which the Ministry of Fisheries and Aquatic Resources Development of Sri Lanka (MFARD) has been using since mid-2012. In addition, the IOTC-OFCF Project has agreed support to the MFARD for the strengthening of data collection activities for a period of 4 months. Extension of activities will be considered upon termination and evaluation of results and funds available.</i></p>	Yes	Yes	To be developed at WPTT14 along the lines of: The WPTT to make specific recommendation, and recommend support to the new logbook system that is being developed by MFARD.	
6	<p>WPTT13.06 (para.57) The WPTT RECOMMENDED that Maldives report catch and effort data as per the IOTC standards for 2010 and that for earlier statistics (2002 to 2009), and that they are reported by atoll, month, gear and species, as it was done in the past.</p> <p><i>Progress: In October 2012 Maldives provided a new catch-and-effort data series including data from 2004–11. Maldives informed that CE data for 2002–03 is being revised and will be reported at a later time.</i></p>	Yes	No	–	–
7	<p>WPTT13.07 (para.58) The WPTT NOTED the plans from the IOTC-OFCF Project to hold a Catch Estimation Workshop in Indonesia in March 2012, in order to assess data collection and reporting systems for Indonesia's coastal and longline fisheries. The WPTT thanked the IOTC-OFCF Project for this initiative and RECOMMENDED that the outcomes of the Workshop be reported to the next Session of the WPTT.</p> <p><i>Progress: Workshop took place and the report is being printed at the moment. Electronic files are available.</i></p>	Yes	No	–	–
8	<p>WPTT13.08 (para.59) The WPTT urged Madagascar and Yemen to collect and report statistics on their coastal fisheries and RECOMMENDED that these countries request assistance from the IOTC Secretariat where required.</p> <p><i>Progress: The IOTC Secretariat has not received official reports from Yemen or Madagascar. In September 2012 the IOTC Secretariat agreed to work together with the IOC in the preparation of a Concept Note including proposals to strengthen data collection and processing in countries of the Southwest Indian Ocean using funds from SMARTFISH. Activities in Madagascar and Comoros, as proposed in the Concept Note, are being discussed at the moment and may be initiated soon. In addition, SMARTFISH may consider implementation of activities in Tanzania, Kenya, Sudan, and Eritrea in the future. Madagascar reported swordfish longline catch and effort for 2010-11</i></p>	Yes	No	–	–
9	<p>WPTT13.09 (para.60) The WPTT RECOMMENDED that as a matter of priority, the IOTC Secretariat liaise with India, Oman, Indonesia, Philippines and Malaysia to implement the minimum requirements of IOTC Resolution 08/04 concerning the recording of catch by longline vessels in the IOTC area, in order to improve the quality of the data reported from their longline fleets, by species, and to report back to the</p>	Yes	No	–	–

	WPTT at its next meeting. <i>Progress: Replaced by Resolution 12/03. The quality of the data collected by these countries remains very poor.</i>				
10	WPTT13.10 (para.61) The WPTT RECOMMENDED that the IOTC Secretariat continue working with the Iranian authorities towards improving reporting from their purse seine fleet, and to report progress to the WPTT at its next meeting. <i>Progress: To date, the IOTC Secretariat has not received catch-and-effort data as per the IOTC requirements from Iran.</i>	Yes	No	–	–
11	WPTT13.11 (para.62) The WPTT RECOMMENDED that Philippines investigate the reasons for the differences between bigeye tuna export data and reported catch data from their longline fishery, and to report findings to the next WPTT meeting. <i>Progress: Philippines to report to the Secretariat.</i>	Yes	No	–	–
12	WPTT13.12 (para.63) The WPTT RECOMMENDED that Iran and Pakistan report size data for tropical tuna species, as per the IOTC requirements, for their gillnet fleets, noting that this is already a mandatory reporting requirement, and that the Secretariat assist Iran and Pakistan to facilitate reporting of this information where required. <i>Progress: During 2012 the IOTC Secretariat received some length frequency data from Iran and, Pakistan. However, levels of coverage of size data are still low and all data are collected at the landing place, making it difficult to assess the fishing area where the specimens sampled were caught. In 2012, the IOTC-OFCF Project provided SHILAT in Iran with callipers so as all measurements taken in Iran refer to straight lengths.</i>	Yes	No	–	–
13	WPTT13.13 (para.64) The WPTT RECOMMENDED that India, Malaysia, Oman and Philippines make every possible effort to collect and report size data for tropical tuna species for their longline fleets, noting that this is already a mandatory reporting requirement. <i>Progress: To date, the IOTC Secretariat has not received size data from any of these fisheries.</i>	Yes	No	–	–
14	WPTT13.14 (para.65) The WPTT RECOMMENDED that Indonesia report size data for tropical tuna species for its longline vessels as soon as possible as per IOTC standards, noting that this is already a mandatory reporting requirement. <i>Progress: Indonesia has not reported size data for 2010 and 2011.</i>	Yes	No	–	–
15	WPTT13.15 (para.66) The WPTT RECOMMENDED that Japan increase sampling coverage to attain at least the minimum required by the IOTC Resolution 10/02 <i>on mandatory statistical requirements</i> (1 fish by metric ton of catch by type of gear and species), and for the IOTC Secretariat to assess levels of reporting for Japan upon receiving size data for 2010 and to report back to the WPTT at its next meeting. <i>Progress: Japan has not reported size data for its longline fishery in 2011, other than sizes for two specimens of bigeye tuna.</i>	Yes	Yes	The WPTT RECOMMENDED that Japan increase sampling coverage to attain at least the minimum required by the IOTC Resolution 10/02 <i>on mandatory statistical requirements</i> (1 fish by metric ton of catch by type of gear and species), and for the IOTC Secretariat to assess levels of reporting for Japan upon receiving size data for 2010 and 2011 and to report back to the WPTT at its next meeting.	Japan

16	WPTT13.16 (para.67) The WPTT RECOMMENDED that biological data is gathered and reported to the IOTC Secretariat in order to develop specific length-age, length-weight and processed weight-live keys for the Indian Ocean tropical tuna species, in particular by the main longline fisheries (Taiwan,China, Indonesia, Japan, EU and China). <i>Progress: The IOTC Secretariat has not received biological data from any of these countries</i>	No	No	–	–
17	WPTT13.17 (para.68) Noting the importance of biological information to be considered in the stock assessment models, the WPTT RECOMMENDED that gonad collection and calculation of the gonadosomatic index for yellowfin tuna be carried out prior to the next WPTT meeting. <i>Progress: The IOTC Secretariat is not aware of activities undertaken to address this recommendation.</i>	Yes	No	–	–
18	WPTT13.18 (para.69) Noting the difficulties that the IOTC Secretariat has experienced in completing the review of datasets for tropical tunas, including the implementation of a scoring system and further use of those scores to derive alternative series of catches for tropical tuna species, the WPTT RECOMMENDED that the Secretariat makes every possible effort to finalize this work before the next meeting of the WPTT in 2012. <i>Progress: The IOTC Secretariat was unable to finalize this work, due to lack of time.</i>	Yes	No	–	–
19	WPTT13.19 (para.70) Noting the preliminary results of a study conducted by the IOTC Secretariat comparing average weights, as derived from the length frequency, and time area catches in number and weight available for the longline fleets of Japan and Taiwan,China, the WPTT RECOMMENDED that the IOTC Secretariat complete this study and present results to the next meeting of the WPDCS. <i>Progress: Scientists from Taiwan,China and Japan agreed to organize a meeting to discuss the problems raised by the IOTC Secretariat in January-February 2013, with participation of the IOTC Data Coordinator.</i>	Yes	No	–	–
20	WPTT13.20 (para.71) The WPTT RECOMMENDED that Japan and Taiwan,China review catch, effort and size frequency datasets in order to assess reasons for discrepancies identified by the IOTC Secretariat and to report results at the next meeting of the WPTT, including a comparison of length frequency data samples collected from commercial and research and training vessels. <i>Progress: A Workshop on size-frequency will be organized in January 2013 to address this issue. In 2012 Taiwan,China revised its catch-and-effort data series for 2003-10 as data provided in the past had not been raised using the proper raising factors. The review led to changes in the number of fish and number of hooks recorded over the entire time-series.</i>	Yes	No	–	–
21	WPTT13.21 (para.72) The WPTT RECOMMENDED that all CPCs catching small yellowfin tuna should undertake scientific sampling of their yellowfin tuna catches in order to identify potential bigeye tuna catches (in particular for those CPCs identified in previous paragraphs) and to report findings at the next WPTT meeting. <i>Progress: The IOTC Secretariat is not aware of any CPC having initiated activities to address this issue. In particular, the fisheries of Maldives, Iran, Pakistan, Sri Lanka, India, and Indonesia</i>	No	No	–	–

	<i>are thought to be catching more bigeye tuna than that reported to the IOTC.</i>				
22	<p>Mozambique catch data</p> <p>WPTT13.22 (para.80) Noting the difficulties Mozambique has experienced in receiving the logbooks of fishing vessels licensed to fish in its EEZ, the WPTT RECOMMENDED that the CPCs concerned send the logbook data to Mozambique, noting that this is already a mandatory requirement under IOTC Resolution 08/04 <i>concerning the recording of catch by longline fishing vessels in the IOTC area</i> and Resolution 10/03 <i>concerning the recording of catch by fishing vessels in the IOTC area</i>.</p> <p><i>Progress: CPCs concerned to report</i></p>	Yes	No	–	–
23	<p>WPTT13.23 (para.81) Noting that to date, Mozambique has not reported data for its coastal fisheries to the IOTC Secretariat the WPTT RECOMMENDED that data are collected and reported as soon as possible.</p> <p><i>Progress: In 2012, Mozambique reported estimates of catches of tunas and other species for its coastal fisheries for 2006-2011</i></p>	Yes	No	–	–
24	<p>Comoros artisanal fisheries</p> <p>WPTT13.24 (para.83) The WPTT welcomed the implementation of a frame survey and of a new sampling programme in the Comoros and strongly RECOMMENDED that Comoros maintain this activity after the end of the programme to be able to report annual data as per IOTC requirements.</p> <p><i>Progress: Comoros encountered some difficulties and has ceased the sampling activities developed by IOTC. However, a second frame survey is currently being conducted with the support of the IOTC- OFCF Project and sampling may be resumed in the future with the assistance of SMARTFISH.</i></p>	Yes	No	–	–
25	<p>Malaysian fisheries</p> <p>WPTT13.25 (para.92) Noting that to date, vessels flagged to Malaysia are not using logbooks to record their activities, as required by IOTC Resolution 08/04, which includes minimum requirements for collecting and reporting operational data, the WPTT RECOMMENDED that Malaysia implement the requirements under Resolution 08/04 as a matter of priority.</p> <p><i>Progress: The IOTC Secretariat is not aware of any actions initiated by Malaysia to address this recommendation.</i></p>	Yes	No	–	–
26	<p>Indian fisheries</p> <p>WPTT13.26 (para.96) Noting that India has a large data set collected on the research longline vessels operated by the Fishery Survey of India during the last 30 years, the WPTT RECOMMENDED that Indian scientists participate in the CPUE standardization workshop in order to assess the value of using this information.</p> <p><i>Progress: Workshop was not held in 2012.</i></p>	Yes	No	–	–
27	<p>Thailand fisheries</p> <p>WPTT13.27 (para.110) Noting that both the total catches and species composition presented for purse seine vessels flagged to Thailand were substantially different from</p>	No	No	–	–

	those reported for other purse seine fleets operating in the Indian Ocean, and that the difference may originate from Thai and EU purse seiners operating in different areas, the WPTT RECOMMENDED that the EU and Thailand further investigate the reasons for this difference and to report findings to the next WPTT meeting. <i>Progress: To be reported during the meeting by EU and Thailand</i>				
28	Republic of Korea longline fishery WPTT13.28 (para.113) Noting that the nominal catch (NC) and the catch-and-effort (CE) data provided at the WPTT13 meeting was found to conflict with the historical data for the longline fleet previously provided by the Rep. of Korea to the IOTC Secretariat, and that the differences were due to the ongoing internal data review by the Rep. of Korea, the WPTT RECOMMENDED that the Rep. of Korea liaise with the Secretariat to provide a fully justified revised catch history which will replace the data currently held by the Secretariat before the end of 2011. <i>Progress: In 2012 Korea indicated that the results of the review will be available at the time of the IOTC Scientific Committee meeting.</i>	Yes	No	–	–
29	I.R. Iran fisheries WPTT13.29 (para.121). The WPTT RECOMMENDED that the I.R. Iran strengthen its port sampling so that bigeye tuna can be properly identified and its catches estimated routinely by field samplers. <i>Progress: Iran has informed the IOTC Secretariat about plans to strengthen size frequency data collection in some areas, using the new callipers provided by the IOTC-OFCF Project. However, the IOTC Secretariat is not aware of actions implemented by Iran to improve identification of juvenile yellowfin tuna and bigeye tuna at the landing place.</i>	Yes	No	–	–
30	Maldives tuna length sampling WPTT13.30 (para.123) Noting that to date no bigeye tuna have been reported as being caught by the Maldives pole-and-line fleet, despite independent verification of substantial numbers of bigeye tuna being caught by these vessels, the WPTT RECOMMENDED that the Maldives rapidly improve species identification in logbooks and in their sampling programme. <i>Progress: The IOTC Secretariat is not aware of activities implemented by the Maldives to address this recommendation.</i>	Yes	No	–	–
31	Maldives yellowfin tuna fishery WPTT13.31 (para.125) The WPTT commended the authors for the efforts devoted to reviewing the time-series of catch and length data for the fisheries in the Maldives and the results presented to the meeting. In this regard, the WPTT RECOMMENDED that the revised dataset be reported to the IOTC Secretariat by the end of 2011, so that the IOTC databases can be updated to include the latest estimates produced by the Maldives. <i>Progress: While Maldives provided revised length frequency data series for its fisheries in time for the WPTT in 2012, catch-and-effort data was reported late, which prevented it being used for the assessments.</i>	Yes	No	–	–

32	WPTT13.32 (para.126) Noting that an ad-hoc procedure had been used to separate length frequency samples of yellowfin tuna not recorded by gear, in particular those combining specimens of yellowfin tuna caught by pole-and-line and handline gears during the same trip, the WPTT RECOMMENDED that the Maldives validate the procedure using samples collected for each individual gear, in port or, where not possible, through observers onboard baitboats, and to report progress to the next WPTT meeting. <i>Progress: The IOTC Secretariat is not aware of actions undertaken by the Maldives to address this recommendation.</i>	Yes	No	–	–
33	Maldives skipjack tuna fishery WPTT13.33 (para.128) Noting that the Maldivian skipjack tuna catch is not separated for FAD and free schools, and therefore the proportion of skipjack tuna caught under the FADs anchored around the Maldives is unknown, the WPTT RECOMMENDED that the Maldivian data collection system is improved in order to account for the association of the reported catch, as this could improve the standardization of the pole-and-line CPUE. <i>Progress: The IOTC Secretariat is not aware of actions undertaken by the Maldives to address this recommendation.</i>	Yes	No	–	–
34	Review of new information on the status of skipjack tuna WPTT13.34 (para.137) Noting that catch rates by free and associated school sets for purse seine have showed analogous absolute levels on yearly fluctuations over the time-series, the WPTT RECOMMENDED that EU scientists explore the reasons for this, and to report findings at the next session of the WPTT. <i>Progress: The IOTC Secretariat is not aware of actions undertaken by the Maldives to address this recommendation.</i>	Yes	No	–	–
35	WPTT13.35 (para.150) The WPTT RECOMMENDED further investigation of the existing data irregularities, and expansion of the logbook programme to improve CPUE analyses for skipjack tuna in the Indian Ocean, and for information on these matters to be presented to the next meeting of the WPTT. <i>Progress: The IOTC Secretariat is not aware of actions undertaken by the Maldives to address this recommendation.(to whom is this recommendation addressed to??)</i>	Yes	No	–	–
36	WPTT13.36 (para.164) The WPTT RECOMMENDED the following management advice for skipjack tuna in the Indian Ocean, for the consideration of the Scientific Committee. [mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
37	WPTT13.37 (para.165) The WPTT RECOMMENDED that the Scientific Committee consider the following: [mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
38	Review of new information on the status of yellowfin tuna WPTT13.38 (para.168) The WPTT NOTED that the change in gear appears to have had	Yes	Yes	Develop at WPTT14	–

	the effect of increasing the ratio of yellowfin tuna in the Japanese longline catch when compared to bigeye tuna. The WPTT also NOTED that other factors associated with targeting shifts could be explored in more detail (e.g. NHFCL might not always be the best indicator of hook depth or targeting). Understanding the interactions among NHFCL, fine-scale oceanographic condition, and gear shape under the water might bring further improvement of the CPUE standardization and, thus, the WPTT RECOMMENDED to further examine those issues in the future. [mgt advice] <i>Progress: N/A</i>				
39	WPTT13.39 (para.198) The WPTT thanked Dr. Adam Langley (consultant) for his contributions and expertise on integrated stock assessment models, and RECOMMENDED that his engagement be renewed for the coming year.[mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
40	WPTT13.40 (para.199) The WPTT RECOMMENDED that the IOTC stock assessment scientist and consultant work in collaboration with Japanese scientists and other interested participants to produce an SS3 assessment for yellowfin tuna in 2012 for presentation to the WPTT.[mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
41	WPTT13.41 (para.201) The WPTT RECOMMENDED the following management advice for yellowfin tuna in the Indian Ocean, for the consideration of the Scientific Committee.[mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
42	WPTT13.42 (para.202) The WPTT RECOMMENDED that the Scientific Committee consider the following: [mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
43	Review of new information on the status of bigeye tuna WPTT13.43 (para.213) The WPTT RECOMMENDED that the following matters be taken into account when undertaking CPUE standardisation analysis for bigeye tuna as well as yellowfin tuna in 2012: [mgt advice] <i>Progress: N/A</i>	No	Yes	Develop at WPTT14	–
44	WPTT13.44 (para.223) The WPTT RECOMMENDED the following management advice for bigeye tuna in the Indian Ocean, for the consideration of the Scientific Committee.[mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
45	WPTT13.45 (para.224) The WPTT RECOMMENDED that the Scientific Committee consider the following: [mgt advice] <i>Progress: N/A</i>	Yes	Yes	Develop at WPTT14	–
46	Development of technical advice on the status of the stocks Update of species Executive Summaries WPTT13.46 (para.230) The WPTT RECOMMENDED that the Scientific Committee:	Yes	No	–	–

	<ul style="list-style-type: none"> • NOTE the current definition of overfishing used by the IOTC, where fishing mortality is in excess of F_{MSY} ($F_{curr}/F_{MSY} > 1$) is considered overfishing; • NOTE that fishing mortality in excess of F_{MSY} is not always defined as overfishing (within tRFMOs) if the stock is well above the B_{MSY} level, although no specific threshold has been defined; • CONSIDER the current definition of overfishing ($F_{curr}/F_{MSY} > 1$), and determine that if in situations where the biomass of a given stock is well above B_{MSY}, but $F_{curr}/F_{MSY} > 1$, under what circumstances should a stock be classified as subject to overfishing; • NOTE the draft resource stock status summary for: <ul style="list-style-type: none"> i. Bigeye tuna (<i>Thunnus obesus</i>) – Appendix VI ii. Yellowfin tuna (<i>Thunnus albacares</i>) – Appendix VII iii. Skipjack tuna (<i>Katsuwonus pelamis</i>) – Appendix VIII <p><i>Progress: The SC did not agree to the first three dot points above. The SC did note the draft Executive Summaries.</i></p>				
47	<p>WPTT13.47 (para.231) The WPTT RECOMMENDED that the IOTC Secretariat update the draft stock status summaries for tropical tunas with the latest 2010 catch data, and for these to be provided to the Scientific Committee as part of the draft Executive Summaries, for its consideration.</p> <p><i>Progress: Completed</i></p>	Yes	Yes	The WPTT RECOMMENDED that the IOTC Secretariat update the draft stock status summaries for tropical tunas with the latest 2011 catch data, and for these to be provided to the Scientific Committee as part of the draft Executive Summaries, for its consideration.	Dec.
48	<p>Analysis of Tagging Data</p> <p>WPTT13.48 (para.244) The WPTT NOTED that the sex of most large tagged yellowfin tuna and bigeye tuna recovered in Seychelles on the European purse seine fleet have been identified since July 2009. This program offers a unique potential to evaluate if adult yellowfin tuna and bigeye tuna male and female show a differential growth. The results already obtained tend to confirm the existence of such sex differential growth. Worldwide, this is the first time that tagged yellowfin tuna and bigeye tuna have been sexed by scientists. The WPTT RECOMMENDED that this sampling programme should be maintained as long as these tunas are recovered, in order to ideally sex 100% of the future recoveries.</p> <p><i>Progress: Sampling activities are still going on in Seychelles and more than 60 large tagged yellowfin and bigeye have been recovered and sampled.</i></p>	Yes	No	–	–
49	<p>WPTT13.49 (para.246) The WPTT RECOMMENDED that more analyses on the tagging data should be undertaken in 2011 and 2012, and should include the estimation of mixing rates and tag induced mortality (in particular for the small-scale projects). These analyses should be done in advance of the next Session of the WPTT in order to be included in</p>	Yes	No	–	–

	future analyses and stock assessments. <i>Progress: papers to be presented at the WPTT14 meeting.</i>				
50	WPTT13.50 (para.248) The WPTT RECOMMENDED that analysis of the tagging data carried out in preparation for the Tagging Symposium and presented at the next WPTT meeting. <i>Progress: Completed</i>	Yes	No	–	–
	Analysis of the Time-Area Closures (incl. Resolution 10/01) WPTT13.51 (para.252) Noting that the request contained in Resolution 10/01 does not specify the expected objective to be achieved with the current or alternative time area closures, and that the WPTT was not clear about the intended objectives of the time-area closure taking into account recent reduction of effort (see next section) as well as recent likely recovery of the yellowfin tuna population, the WPTT RECOMMENDED that the Commission specify clear objectives as to what are the management objectives to be achieved with this and/or alternative measures. This will, in turn, guide and facilitate the analysis of the WPTT in 2012 and future years. <i>Progress: The SC requested this of the Commission, however no further clarification was provided by the Commission. Note that this Resolution was superseded by 12/13.</i>	Yes	Yes	Noting that the request contained in Resolution 12/13 does not specify the expected objective to be achieved with the current or alternative time area closures, and that the WPTT was not clear about the intended objectives of the time-area closure taking into account recent reduction of effort (see next section) as well as recent likely recovery of the yellowfin tuna population, the WPTT RECOMMENDED that the SC request the Commission specifies clear objectives as to what are the management objectives to be achieved with this and/or alternative measures. This will, in turn, guide and facilitate the analysis of the WPTT in 2013 and future years.	SC
	WPTT13.52 (para.254) Noting the lack of papers examining time-area closures in the Indian Ocean for WPTT13 as well as the slow progress to address Commission request, the WPTT RECOMMENDED that SC chair begins a consultative process with the Commission in order to get clear guidance from the Commission about the management objectives intended with the current or any alternative closure. This will allow the SC to address the Commission request more thoroughly. At the same time, the SC needs to include the issue of the time area closure as a priority in the research activity for 2011/2012 depending on Commission feedback. <i>Progress: SC Chair to report at the meeting.</i>	Yes	Yes	Noting the lack of papers examining time-area closures in the Indian Ocean for WPTT13 and WPTT14 as well as the slow progress to address the Commission request, the WPTT reiterated its RECOMMENDATION that SC Chair begin a consultative process with the Commission in order to obtain clear guidance from the Commission about the management objectives intended with the current or any alternative closure. This will allow the SC to address the Commission's request more thoroughly. At the same time, the SC needs to include the issue of the time area closure as a priority in the research activity for 2013 depending on the Commission's feedback.	SC Chair

<p>Effect of Piracy on Tropical Tuna Catches WPTT13.53 (para.260) The WPTT RECOMMENDED that given the potential impacts of piracy on fisheries in other areas of the Indian Ocean through the relocation of longliners to other fishing grounds, specific analysis should be carried out and presented at the next WPTT meeting by CPCs most affected by these activities, including Japan, Republic of Korea and Taiwan,China. <i>Progress: Awaiting papers for the WPTT14 meeting.</i></p>	Yes	Yes	Develop at WPTT14	–
<p>Methods WPTT13.54 (para.267) Noting that the development of an MSE process will require management objectives to be developed, the WPTT RECOMMENDED that the Commission provide clear guidance in this regard, noting that the adoption of the Precautionary Approach, as defined in the Fish Stocks Agreement, may be the first step. <i>Progress: Resolution 12/01 On The Implementation Of The Precautionary Approach was adopted by the Commission in 2012.</i></p>	YEs	No	–	–
<p>WPTT13.55 (para.268) The WPTT ENDORSED the roadmap presented for the implementation of MSE in the Indian Ocean in IOTC–2011–WPTT13–53 and RECOMMENDED to the Scientific Committee the organization of a joint meeting between managers, stakeholder and scientist during 2012 to begin discussions about the implementation of MSE in IOTC. <i>Progress: Endorsed by the SC and Commission.</i></p>	Yes	No	–	–
<p>WPTT13.56 (para.272) The WPTT RECOMMENDED that a dedicated workshop on CPUE standardization, including issues of interest for other IOTC species should be carried out before the next round of stock assessments in 2012, and that where possible it should include a range of invited experts, including those working on CPUE standardisation in other ocean/RFMOs, in conjunction with scientists from Japan, Republic of Korea and Taiwan,China, and supported by the IOTC Secretariat. <i>Progress: The SC agreed that such a meeting should be deferred until 2013.</i></p>	Yes, but for 2013	Yes	The WPTT RECOMMENDED that the dedicated workshop on CPUE standardisation, including issues of interest for other IOTC species should be carried out before the next round of stock assessments in 2013 as agreed by the SC in 2011, and that where possible it should include a range of invited experts, including those working on CPUE standardisation in other ocean/RFMOs, in conjunction with scientists from Japan, Rep. of Korea and Taiwan,China, and supported by the IOTC Secretariat.	
<p>WPTT13.57 (para.273) The WPTT also ENCOURAGED data to be used in stock assessments, including CPUE standardisations, be made available not less than three months before each meeting by CPCs and where possible, data summaries no later than two months prior to each meeting, from the IOTC Secretariat; and RECOMMENDED that data to be used in stock assessments, including CPUE standardisations by CPCs be</p>	Yes	No	–	–

	made available not less than 30 days before each meeting. <i>Progress: Adopted by the SC</i>				
	Research Recommendations and Priorities WPTT13.58 (para.282) The WPTT RECOMMENDED that the Secretariat and Maldivian scientists continue the joint effort to standardize the Maldivian pole-and-line CPUE in preparation for assessment in 2012. <i>Progress: Little progress was made in 2012, however, the work should resume in 2013.</i>	Yes	No	–	–
	WPTT13.59 (para.283) The WPTT RECOMMENDED that standardization of purse seine CPUE be made where possible using the operational data on the fishery, and that participants working on CPUE for the main fleets, attend the CPUE standardization workshop being organized by ISSF in Honolulu, Hawaii in 2012. <i>Progress: Update to be provided at the WPTT14 meeting.</i>	Yes	Yes	Develop at WPTT14	–
	WPTT13.60 (para.284) Noting the difficulty of carrying out stock assessments for three tropical tuna species in a single year, the WPTT RECOMMENDED to a revised assessment schedule on a two- or three-year cycle for the three tropical tuna species as outlined in Table 13. Following the uncertainty remaining in the yellowfin tuna assessment the WPTT AGREED that priorities for stock assessments in 2012 would be yellowfin tuna (Multifan-CL and SS3, and possibly others) with an update of fishery indicators for the other two species. <i>Progress: Adopted by the SC.</i>	Yes	No	–	–
	WPTT13.61 (para.285) The WPTT RECOMMENDED that the Scientific Committee add the following core topic areas as priorities for research over the coming year in order of priority: <ul style="list-style-type: none"> • An update of the Brownie-Peterson method for the 3 tropical tuna species (possible issue for the 2012 IO Tuna Tagging Symposium). • An update YFT growth curve (work in progress to be presented to 2012 Tuna Tagging Symposium). <i>Progress: Adopted by the SC.</i>	Yes	No	–	–
	Other Business WPTT13.62 (para.288) The WPTT RECOMMENDED the following core areas of expertise and priority areas for contribution that need to be enhanced for the next meeting of the WPTT in 2012, by an Invited Expert: <ul style="list-style-type: none"> • Priority areas for contribution: (1) CPUE analysis and standardisation, and (2) Updating the Brownie-Peterson analysis on skipjack tuna, bigeye tuna and yellowfin tuna. <i>Progress: Adopted by the SC.</i>	Yes	No	–	–
	WPTT13.63 (para.290) Following a discussion on who would host the Fourteenth Session of the WPTT, the WPTT RECOMMENDED that the next meeting of the WPTT be	Yes	No	–	–

	held immediately prior to the Tuna Tagging Symposium, preferably in October 2012, aware that the Scientific Committee is held in early December each year. The exact dates and meeting location will be confirmed and communicated by the IOTC Secretariat to the Scientific Committee for its consideration at its next session to be held in December 2011. <i>Progress: Adopted by the SC.</i>				
	WPTT13.64 (para.292) The WPTT NOTED the increased attendance by scientists from developing CPCs in 2010 and 2011 was partly due to the IOTC Meeting Participation Fund, adopted by the Commission in 2010 (Resolution 10/05 on the establishment of a Meeting Participation Fund for developing IOTC Members and non-Contracting Cooperating Parties), and RECOMMENDED that this fund be maintained. <i>Progress: The Commission allocated USD\$200,000 to the MPF for 2012.</i>	Yes	No	–	–
	WPTT13.65 (para.294) The WPTT RECOMMENDED that the Scientific Committee note the new Vice-Chair, Dr. M. Shiham Adam (Maldives) of the WPTT for the next <i>biennium</i> . <i>Progress: Noted by the SC and Commission.</i>	Yes	No	–	–
	WPTT13.66 (para.295) The WPTT RECOMMENDED that the Scientific Committee consider the consolidated set of recommendations arising from WPTT13, provided at Appendix IV. <i>Progress: Noted by the SC.</i>	Yes	No	–	–