

PROGRESS REPORT OF THE SECRETARIAT

Submitted by: IOTC Secretariat; 06 April 2013

1. MEMBERSHIP OF THE IOTC

1. Since the 16th Session, the Republic of Yemen has become a full Member of the IOTC (on 20th July, 2012), following deposit of the instrument of accession with the FAO Director-General. The IOTC now consists of **31** Members: Australia, Belize, China, Comoros, Eritrea, European Community, France (OT), Guinea, India, Indonesia, Iran (Islamic Rep. of), Japan, Kenya, Korea (Rep. of), Madagascar, Malaysia, Maldives, Mauritius, Mozambique, Oman, Pakistan, Philippines, Seychelles, Sierra Leone, Sri Lanka, Sudan, Tanzania (United Rep. of), Thailand, United Kingdom (OT), Vanuatu and Yemen.
2. Senegal and South Africa (Rep. of) are Cooperating non-Contracting Parties after having their status renewed for another 12 months at the last Session.

2. MISSION OF THE SECRETARIAT AND STRATEGY OF IMPLEMENTATION

3. The mission of the Secretariat is to **facilitate the processes required to implement the policies and activities of the Commission**, whose goal is to achieve the objectives stated in the IOTC Agreement. In essence, these processes include the acquisition, processing and dissemination of information that constitutes the basis for the Commission’s decisions, as well as supporting the actions taken by the Members and Cooperating Parties to implement effectively those decisions.
4. The Secretariat is divided into sections composed of staff with similar specialised skills (Fig. 1). In order to provide support to the scientific activities of the Commission and its subsidiary bodies, there is close cooperation between the Data Section and the Science Section in the production of datasets and analyses that will assist the Scientific Committee and its Working Parties to formulate its advice to the Commission. Similarly, the Data Section and the Compliance Section cooperate in the maintenance of the databases needed to monitor the effectiveness in the implementation of the measures adopted by the Members.

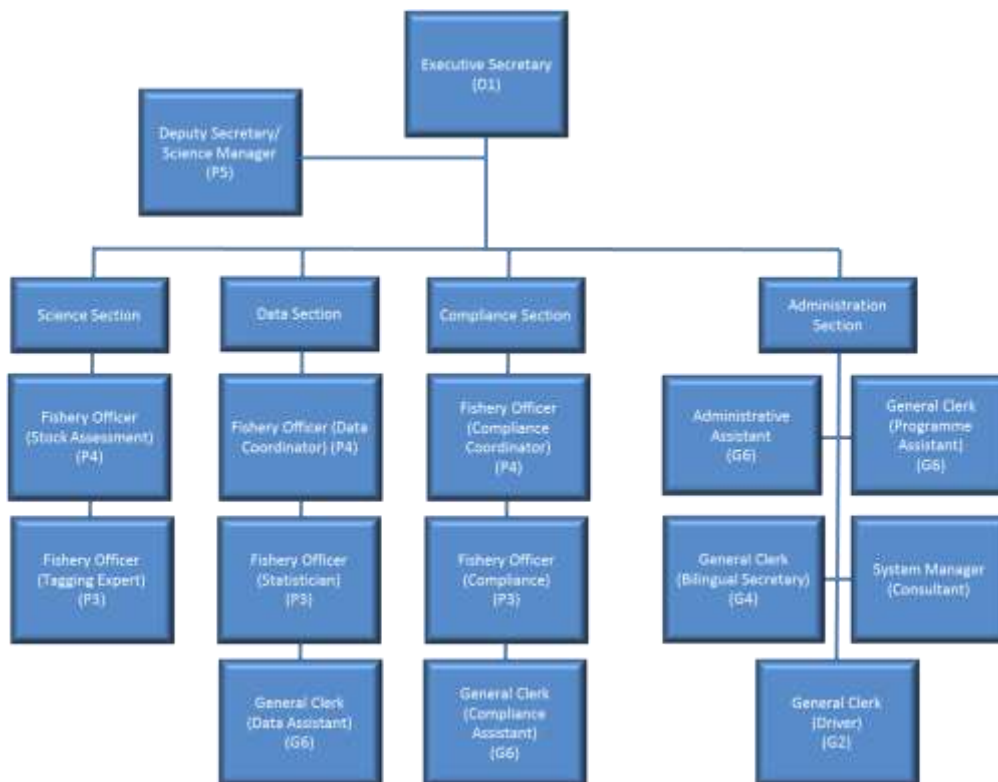


Figure 1. Structure of the IOTC Secretariat in 2012.

Professional Staff – Recruitment activities

5. Compliance Officer: Mr Florian Giroux joined the Secretariat in early April, 2012. The Selection Panel consisted of the IOTC Deputy Secretary/ Science Manager (Dr. David Wilson), IOTC Compliance Coordinator (Mr. Gerard Domingue) and the IOTC Data Coordinator (Mr. Miguel Herrera).
6. Fishery Officer (Stock Assessment): Dr. Rishi Sharma joined the Secretariat in July 2012. The Selection Panel consisted of the IOTC Executive Secretary (Mr. Alejandro Anganuzzi), the IOTC Deputy Secretary/ Science Manager (Dr. David Wilson), and the Vice-Chair of the IOTC Scientific Committee (Mr. Jan Robinson).
7. Fishery Officer (Statistics): Mr. James Geehan joined the Secretariat in September 2012. The Selection Panel consisted of the IOTC Executive Secretary (Mr. Alejandro Anganuzzi), the IOTC Deputy Secretary/ Science Manager (Dr. David Wilson) and the IOTC Data Coordinator (Mr. Miguel Herrera).

General Grade Staff – Recruitment activities

8. IT Manager: Ms. Donna Piliotis joined the Secretariat in June 2012 as the IT Manager, as an FAO consultant supported by funding from Seychelles. The Selection Panel consisted of the IOTC Executive Secretary (Mr. Alejandro Anganuzzi), the IOTC Tagging Expert (Mr. Julien Million), and the IT Manager of the Seychelles Fishing Authority (Mr Slim Dogley).

3. REPORTING STRUCTURE

9. To facilitate accountability, the activities of the Secretariat in 2012 have been grouped into six major functional areas which reflect the ‘Program of work and budget’ approved by the Commission at its 16th Session in 2012, as follows:
 - **Support to scientific activities.** The acquisition and processing of scientific data, as required by the Scientific Committee to conduct stock status analyses. Supply of stock assessment services as required by the working groups.
 - **Support to compliance activities.** Maintenance of lists of vessels and compliance databases, reporting on compliance by Members. Providing support to Members and Cooperating non-Contracting Parties in the implementation of IOTC Resolutions.
 - **Communications and public information.** Considered essential in allowing Members and Cooperating Parties to follow the progress of the Commission’s work in a transparent way, and to increase the visibility of the Commission’s activities to the general public.
 - **Support to meetings.** Logistic support in the facilitation of meetings, preparation of reports and maintenance of the meetings calendar
 - **Information Technology.** Provide basic computer infrastructure, including maintenance of the network and servers, as well as Internet support.
 - **Administration.** Financial administration in conjunction with FAO, administration of extra-budgetary funds, travel arrangements, general logistical support to the activities of the technical sections.
10. The Secretariat’s Programme of Work for 2012, approved by the Commission at its 16th Session (para. 78 of the S16 Report), is provided at [Appendix I](#) and includes brief summaries of the progress made, in addition to the information provided throughout this report.

4. SUPPORT TO SCIENTIFIC ACTIVITIES*4.1 Scientific meetings*

11. In 2012, six Working Party meetings were organised and facilitated by the IOTC Secretariat in addition to the annual meeting of the Scientific Committee (Table 1). Table 1 also provides an indication of the number of participants, the number of meeting participation fund recipients, and the number of documents presented, both in 2012 and the previous meeting. The current Chairs and Vice-Chairs for each Committee and Working Party are provided at Appendix A.
12. Appendix B lists the documents produced by the Secretariat in support of Working Party meetings held in 2012. In addition, the Secretariat produced revised Executive Summaries for all of the IOTC stocks, as well as for sharks, seabirds and marine turtles in association with various experts.

Table 1. Scientific Meetings held in 2012. Numbers in brackets represent numbers for the previous working party meeting.

Working Party	Date and place	No. of participants			Meeting Participation Fund			No. of documents (previous meeting)
		2010	2011	2012	2010	2011	2012	
Temperate Tunas	20–22 August, China	15*	16	26	–	2	3	Total: 28 (25) Working papers: 19 (19) Information papers: 9 (6)
Billfish	11–15 September, South Africa	12	27	23	0	5	5	Total: 33 (41) Working papers: 21 (28) Information papers: 12 (11)
Ecosystems and Bycatch	17–19 September, South Africa	37	49	48	9 ¹	7 ²	7	Total: 64 (92) Working papers: 40 (57) Information papers: 24 (35)
Methods	22–23 October, Mauritius	18*	–	22	–	–	1	Total: 15 (–) Working papers: 4 (–) Information papers: 11 (–)
Tropical Tunas	24–29 October, Mauritius	39	49	47	11	13	8	Total: 51 (84) Working papers: 40 (67) Information papers: 11 (17)
Neritic Tunas	19–21 November, Malaysia	–	28	35	–	9 ³	10	Total: 24 (42) Working papers: 23 (31) Information papers: 1 (11)
Scientific Committee	10–15 December, Seychelles	41	50	54	7	10	12	n.a.

*2008.

13. The Secretariat also supported the participation of invited experts that were selected to attend each of the Working Party meetings in 2012, with the exception of the Working Party on Temperate Tunas and the Working Party on Methods. The names and affiliations of each of the Invited Experts for 2012 are provided in Table 2.

Table 2. Invited Experts for Working Party meetings in 2012.

Working Party	Date and place	Name	Affiliation
Billfish	11–15 September, South Africa	Dr. Humber Andrade	Universidade Federal Rural de Pernambuco, Brazil
Ecosystems and Bycatch	17–19 September, South Africa	Dr. Robert Olson	Inter-American Tropical Tuna Commission, USA
Tropical Tunas	24–29 October, Mauritius	Dr. Andrew Cooper	Simon Fraser University, Canada
		Dr. Shane Griffiths	CSIRO, Australia
Neritic Tunas	19–21 November, Malaysia	Dr. Terrance Dammannagoda	Queensland University of Technology, Australia

14. The Secretariat assisted in the coordination of Working Party activities for the IOTC species, contributing a number of supporting analyses, full stock assessments for skipjack tuna and discussion papers on improving the IOTC stock assessment process (see list of WPs in Appendix B). The Secretariat represented the IOTC in the broader fisheries community, e.g. by participating as an invited experts at various meetings.

4.1.6 Indian Ocena Tuna Tagging Symposium

15. As requested by the Commission in 2011, the Secretariat organized the Indian Ocean Tuna Tagging Symposium which was held back to back with the WPTT14, 30th October - 2nd November 2012 in Mauritius, funded by the EU DG-Mare, the IOTC Members and the IRD. In preparation for the Symposium, a series of in-depth analyses were conducted (also supported by the same sources) on the tagging data available, to better understand the properties of the dataset and the information that it contains on the productivity and ecology of the species of tuna tagged during the IOTTP. During the Symposium, 34 presentations on the outcomes and results from the Indian Ocean Tuna Tagging Programme were made by various experts and scientists. A total of 80 participants attended the symposium (from 18 IOTC CPCs, 2 tRFMOs (ICCAT and IATTC), FAO and other research institutions (SPC, NOAA, UBC) from around the world. The proceedings of the Symposium shall be published in a special issue of Fisheries Research in 2013.

4.2 The acquisition and processing of scientific data

16. A large proportion of the time of the Data Section staff are currently devoted to the acquisition and editing of the data required under the IOTC Resolutions (2012 summary provided in Appendix C). These data are utilised in monitoring compliance or in scientific analyses necessary for the assessment of the status of stocks. The IOTC databases are constantly

¹ 6 scientists attended both the WPTT and WPEB

² 3 scientists attended both the WPTT and WPEB

³ another 7 scientists were supported by IOTC through the Capacity Building funds as they were also attending the capacity building workshop

revised. The migration of data from the old structure to the new structure is under way and the Secretariat intends to finalise it by the end of 2013. The regular suite of datasets have been supplied timely for all scientists engaged in stock assessment activities and reports on status of IOTC databases produced for relevant Working Parties and SC, and for the preparation of the Country Reports of the Compliance Committee. The Data Coordinator remains as the Chair of the Working Party on Data Collection and Statistics, illustrating the important role that the Secretariat continues to play in the data acquisition and analysis.

17. In addition to the standard fishery datasets, the Secretariat has completed an update of the tagging datasets. These included the integration of the data generated during the two tagging projects that took place in the Maldives in the early 1990s in the main IOTC tagging database, which was developed under the framework of the Regional Tuna Tagging Programme in the Indian Ocean (RTTP-IO). Further validation, verification and correction of the data from the small-scale projects, as well as for the RTTP-IO, was also undertaken in 2012.

4.2.1 Data reporting

18. There exists a substantial gap in the availability of fisheries statistics from the different fisheries and fishing gears employed in the IOTC Area. Nonetheless, at its 2012 Session, the Commission expressed its concerns on the generally low level of compliance to the submission of mandatory fisheries statistics. While there have been some recent improvements in the submission of fisheries statistics relating to nominal catch, and catch and effort, there is still a lack of data reported by CPCs in relation to size frequency data. The level of compliance also remains low with regards to the submission of data relating to species caught incidentally by tuna fishing operations, that is, marine turtles, seabirds and sharks. It should be noted that the Commission has adopted specific Conservation and Management Measures for these species.

4.2.2 IOTC-OFCF Project

19. The Secretariat continues offering support to developing coastal states through the IOTC-OFCF Project, which has provided resources and advice for the strengthening of data collection systems in more than 20 countries in the region since its inception in 2002.
20. In the context of the IOTC-OFCF Project, the Data Coordinator visited Sri Lanka (February 2012) to carry out the final evaluation of the implementation of a Centralised Database System for the fisheries of Sri Lanka; to Indonesia (March 2012) to organize *the Indian Ocean Tuna Fisheries of Indonesia Catch Estimation Workshop*; and again to Sri Lanka (October 2012), with the Fisheries Statistician, to finalize the terms for assistance from the Project to the implementation of sampling activities in this country; the Project Coordinator attended also a training organized by the MFARD of Sri Lanka (November 2012) in preparation of the sampling activities (Table 3). In addition, the Data Coordinator travelled to Indonesia in March 2012 following an invitation to attend a Workshop, extended by the Bay of Bengal Large Marine Ecosystems Programme (BOBLME); to Rome in June 2012, to Chair the tRFMO Second Technical Meeting on the Consolidation of Lists Of Authorized Vessels; and to the Republic of Korea (June 2012) following an invitation from the Government of Korea to act as a Speaker in the *Second Workshop on the Capacity Building of Developing States: The improvements in Fisheries Data Management*.
21. The Secretariat is also the leading agency in the establishment of a global list of tuna vessels, consolidated between the five tuna regional fishery management organisations, with the Data Coordinator acting as the Chair of the technical group coordinating these activities and coordinating updates of the Consolidated List of Authorised Vessels.
22. The Third Phase of the IOTC-OFCF⁴ Project continued its operations during 2012. This phase of the project is being conducted with a smaller budget than that available during the first phase and, therefore, the range of activities has been scaled down accordingly. The main activities conducted in 2012 were:
- Assisting the execution of a second fisheries census in Comoros (July–September 2012): At present, the IOTC Secretariat is assisting the “Centre National des Ressources Halieutiques” of Comoros to analyse the data collected through both Census events, and the sampling scheme implemented using funds from the Commission. These activities were carried out by the “Centre National des Ressources Halieutiques” of Comoros.
 - Assisting the design and implementation of a Centralized Database System in Sri Lanka (October 2011-March 2012): The Project provided the Ministry of Fisheries and Aquatic Resources of Sri Lanka with the funds necessary to carry out this work, including: (i) execution of this work by a local consultant company; and (ii) purchase of the software and hardware required. A follow-up mission by the Project was carried out in February 2012 to evaluate the results of this activity.
 - Assisting the strengthening of the Centralised Database System in the Islamic Republic of Iran (November 2011 – March 2012): The Project provided the Fisheries Organisation of Iran (SHILAT) with funds to purchase the software and hardware required for the execution of this activity. The Fisheries Organisation will use its own funds to hire a local consultant to extend the capabilities of the existing database, to facilitate data management and reporting of statistics as per the IOTC format in a timely manner.
 - Organization of a Catch Estimation Workshop in Indonesia (March 2012): In 2012, the Directorate General of Capture Fisheries of Indonesia (DGCF) and the IOTC-OFCF Project agreed to conduct a Catch Estimation Workshop for the Fisheries of Indonesia, with focus on small and medium-scale fisheries. The workshop was held in March 13-15, 2012 with participation from DGCF, RCCF (Research Center for Capture Fisheries), RIMF

⁴ Overseas Fishery Cooperation Foundation of Japan

(Research Institution for Marine Fisheries), the IOTC and OFCF. CSIRO (Commonwealth Scientific and Industrial Research organization of Australia), NRIFSF (National Research Institute of Far Seas Fisheries in Japan) and WWF (World Wide Fund for Nature). The objective of the Workshop was to review the current data collection and estimation procedures in Indonesia and revision of current and past catch figures, as required. Reports from the Workshop, in English or Indonesian, can be made available upon request.

- Assisting the strengthening of sampling activities in Sri Lanka (November 2012-February 2013): Following a request for assistance from the Ministry of Fisheries and Aquatic Resources Development of Sri Lanka (MFARD) to strengthen the existing sampling scheme for coastal and offshore fisheries, the IOTC-OFCF Project and MFARD exchanged a Memorandum of Understanding in October 22, 2012. In November 2012 the Project provided assistance for the organization of a workshop on species identification and data collection procedures; sampling activities were initiated in December 2012.

23. All these activities involved, in addition to the OFCF expert attached to the Secretariat, the participation of the Data Coordinator, and the Fisheries Expert.

Table 3. IOTC and IOTC–OFCF missions in 2012

Country	Date	Staff	Description
Comoros, Iran, Indonesia, Sri Lanka	Various	Project Manager	Administrative arrangements and evaluation of financial reports
Sri Lanka	Feb 14–17	Project Manager Data Coordinator	Evaluation of the Fisheries Centralized Database System
Indonesia	Mar 11–20	Project Manager Data Coordinator	Organization of Catch Estimation Workshop
Sri Lanka	Oct 1–5	Project Manager Fisheries Statistician Data Coordinator	Strengthening of data collection activities
Sri Lanka	Nov 11-16	Project Manager	Training on data collection

4.2.3 Study on improvement of catch reporting systems including data collection on artisanal fisheries

24. At the 14th Session of the Commission Members agreed to set aside funds up to USD\$400,000 from accumulated savings to support the implementation of port sampling schemes in accordance with Resolutions 10/04 and 11/04. In addition, the funds were to be used to support a pilot project to assess the feasibility of improving the data reporting from artisanal fisheries to produce reporting in near real time.
25. During 2010–12, the IOTC Secretariat, under the framework of the IOTC-OFCF Project or on its own, implemented activities in some countries of the IOTC Region with the objective to enhance data collection and reporting systems, as reported in the previous section.
26. In order to assist the feasibility study work, the Secretariat hired the services of a consultant, Dr. Guillermo Moreno, in April 2011, for a period of six months. Dr. Moreno visited nine coastal countries in the IOTC Region, namely India, Indonesia, Iran (IR), Kenya, Madagascar, Maldives, Mozambique, Sri Lanka, and Tanzania, all having important fisheries for tropical tunas. Document IOTC–2011–SC14–38, presented at the Scientific Committee Meeting in 2011, includes a summary of situation in the countries covered by the consultant, plus an assessment of the situation in other coastal countries or fisheries operated in the IOTC Region.
27. During 2012, the IOTC Secretariat hired again the services of Dr. Moreno for a major revision of the time series of catch available in the IOTC database for the fisheries of India, Indonesia, and Sri Lanka. To carry out the referred work Dr. Moreno used information collected during the feasibility study and additional information collected through additional missions to the countries concerned. The results of this work were summarised in a separate document presented to the SC .

4.2.4 Stock assessment

28. Following the recommendation of the Working Party on Tropical Tunas in 2011, which was endorsed by the Scientific Committee at its 14th Session, a Stock Assessment consultant (Dr. Adam Langley) was hired again to conduct stock assessment analyses on yellowfin tuna in 2012, which were presented and received favourably by participants at the 14th Session of the WPTT and the 15th Session of the SC. As a result, the SC recommended that his engagement be renewed for the coming year.
29. In collaboration with scientist from the Marine Research Center in the Maldives, the IOTC Stock Assessment Expert conducted a CPUE analysis of the logbook data coming from the pole-and-line fishery in Maldives. The Secretariat supported the work of a local consultant to complete the preparation of the data. The CPUE analysis was followed by the second stock assessment on skipjack tuna conducted under IOTC, which was presented at the WPTT14.
30. The Stock Assessment Expert assisted in the coordination of Working Party activities for the main IOTC species (WPTT, WPB, WPEB, WPTmT, WPNT), contributing a number of supporting analyses, full stock assessments for skipjack, and discussion papers on improving the IOTC stock assessment process (see list of papers provided at Appendix III).

31. An analysis of the recent history of the assessments considered at the Working Parties in the past three years, reveals the value of a mixed approach in which contributions from scientists from CPCs (14) are supplemented by contributions from the Secretariat (four and collaboration in another four), consultants (three) or external invited experts (eight assessments). In particular, given that national scientists usually have a limited time allotted to analyses for IOTC stocks every year due to their other commitments, having stock assessment expertise at the Secretariat guarantees that there is full time attention given to the assessment work during most of the year, in addition to the training and support given through collaborative work with national scientists.

4.2.5 Identification cards – sharks, seabirds, marine turtles, and billfish

32. Following recommendations from the Working Party on Ecosystem and Bycatch and the Scientific Committee to develop identification cards for sharks, marine turtles and seabirds, the Secretariat has developed, finalized and printed the identifications cards for sharks, seabirds, marine turtles and billfish, thanks to the help of the following experts:

Sharks –Chairman of the WPEB, Dr. Chares Anderson and Vice-Chair Dr. Evgeny Romanov. These identification cards are developed with sharks and rays illustrations by Roger Swainston and from a collaborative work from the Institut de Recherche pour le Développement (IRD) and the French National Natural History Museum (MNHN).

Seabirds – Birdlife International – Dr. Ross Wanless, from the Secretariat of the Agreement on the Conservation of Albatrosses and Petrels – Mr. Barry Baker and from the Royal Society for the Protection of Birds – Ms. Cleo Small. These identification cards were developed with seabird drawings given by Random House Struik which has the copyright on the illustrations.

Marine turtles –IOSEA MoU - Mr. Douglas Hyke and his team, from IFREMER La Réunion – Mr. Jérôme Bourjea, and from KELONIA – Mr. Stephane Ciccione.

Billfish – IFREMER – Mr. Hughes Evano, ARDA – Dr. Evgeny Romanov

33. The identifications cards for sharks and marine turtles are joint publications of the IOTC and the Secretariat of the Pacific Community (SPC).
34. The identification cards are intended to be used primarily by scientific observers under the framework of the IOTC Regional Observer Scheme, however they could also be distributed and used by fishers in order to record and report interactions with sharks, marine turtles and seabirds. The identification cards have been produced in both English and French.

4.2.6 Other activities

35. As from early 2011, the IOTC Secretariat has been responsible for the coordination of activities concerning the global Consolidated List of Authorized Vessels (CLAV), a regularly updated list including the authorized vessels of the five t-RFMOs. The IOTC Data Coordinator acted as moderator in two joint t-RFMO technical meeting, held in February 2011, and June 2012, in Rome (Italy). ISSF provided funds to facilitate the assistance of some of the database experts from the t-RFMO. The first meeting agreed on a mechanism for the exchange of lists of authorized vessels for the CLAV, including standards for the exchange of data and frequency of updates (the report of the meeting can be downloaded from the IOTC website)(The CLAV has been updated regularly since the first Rome Meeting, and summaries of the work conducted and results disseminated on each update, including through the IOTC Newsletter. In addition, a progress report was presented to the KOBE III Meeting in San Diego (July 2011).
36. Collaboration between the IOTC Secretariat and FAO-FIDI continued in 2012 and testing of the new CLAV software is currently under way. In 2013, the CLAV will be further enhanced using funds from a Global Environmental Facility Project on Sustainable Management of Tuna Fisheries and Biodiversity: Conservation in the Areas Beyond National Jurisdiction (ABNJ). The main objective of the CLAV component of the Project is ensuring that updates of the CLAV occur in as close-to real time as possible in the future.
37. In 2012, the IOTC Secretariat and the Project COI-SMARTFISH agreed to initiate cooperation in the implementation of capacity building activities in coastal countries of the Southwest Indian Ocean, in the areas of MCS and data collection. The Project will initiate activities in 2013, including strengthening of data collection systems in Madagascar and Comoros.
38. In the area of monitoring of catches and management of sharks and related species, the IOTC Secretariat is also collaborating with the Bay of Bengal Large Marine Ecosystems Project, and the Marine Resources Assessment Group in the UK (MRAG) and other partners, in the strengthening of sampling activities in Sri Lanka.

5. SUPPORT TO COMPLIANCE ACTIVITIES

39. The compliance-related activities continue to expand and represent a load comparable to the support of scientific activities, as the Commission has expanded its reporting requirements with the adoption of new resolutions. The Secretariat has devoted more time in 2012 to provide virtual support to CPCs in the region to meet their obligations to the Commission, including missions to some of the Member countries.
40. The requirement for support by the Compliance Committee was much larger this year following the strengthening of the Compliance Committee. This required the submission of compliance questionnaires, according to the requirements of the Commission, to all CPCs, and the processing of the responses, and the information available from national reports, into Country Reports to be presented at the 10th Session of the Compliance Committee. This has resulted in a total of almost 70 documents to process for the Compliance Committee with a measurable increase in the workload of the Secretariat.

41. Data revisions related to updates in the IOTC Record of Authorised Vessels have increased significantly and often required special attention from the Secretariat to ensure the correctness of the Record of Authorised Vessels. Other data submissions, such as the scientific data to be utilized in stock assessments, continue to require considerable processing and validation before they are integrated into the IOTC databases. This processing phase, in most cases, is a major task of the Secretariat as it often leads to several requests for clarifications from data liaison officers.
42. The maintenance of an IOTC Record of Active Vessels, so far unique record amongst the tuna regional fishery bodies, requires also active involvement of the staff of the Secretariat, as submissions from various parties often reveal discrepancies and inconsistencies that the staff attempts to resolve through contacts with the various parties involved.
43. The Secretariat also continued with the coordination of the implementations of the Regional Observer Programme to monitor transshipment at sea for large-scale tuna longline vessels. With greater focus being placed on using the data from this Programme to identify possible infractions, the Secretariat now have to identify and point out possible infractions to the fleets participating in the Programme. The Secretariat has also this year, through the FAO, re-tendered the contract for executing the work foreseen in the Programme. More details on this activity (fully supported by the contributions of the participants in the programme) are reported directly to the Compliance Committee. A review meeting with representatives of the Consortium was held in Seychelles, in May 2012, to discuss matters pertaining to the progress of the Programme,
44. At its 16th Session, the Commission adopted the Resolution 12/10 *To promote implementation of conservation and management measures already adopted by the IOTC*. The Resolution states that “*The Commission shall establish a special fund for capacity building in order to ensure compliance with Conservation and Management Measures. This special fund shall be financed by voluntary contributions. The Secretariat shall contact international organizations, donor agencies and nongovernmental organizations to seek voluntary financial contribution*”.
45. Since the adoption of the Resolution 12/10, the IOTC Secretariat has developed project concept notes and has contacted several organisations to seek financial support or cooperative arrangements, in order to provide technical assistance to CPCs who request it.

5.1 Capacity building activities: Compliance Support Missions

46. The main concept in the capacity building efforts is that of Compliance Support Missions (CSM), that are intended to bring the work of the Commission and the Compliance Committee closer to the CPCs. The CSM are a combination of capacity building and planning exercise to engage in activities that would support the issues that were identified during the review at the Compliance Committee.
47. The CSM are carried out by staff from the Secretariat, primarily its Compliance Section, over a period of approximately one week, to an audience composed of national officers in offices involved in the implementation of IOTC Resolutions. The structure of a CSM includes the following components:
 - a. A short, one-day workshop with the objective of increasing the understanding of the structure of the IOTC, process and the functioning of its subsidiary bodies. In particular, how, on the basis of scientific advice on the status of the stocks, joint actions are proposed, debated by the CPCs, and eventually translated into agreements for actions, if there is enough support amongst Members. The role of compliance in ensuring the effectiveness of the actions will be highlighted.
 - b. A second section is focused on presenting the main obligations embedded in the body of Resolutions adopted by the IOTC Members. The objective is to present the audience with a narrative of the nature and extent of the conservation and management measures adopted, to facilitate the understanding of the overall principles and objectives embodied in the measures.
 - c. A third section of the mission is devoted to review in detail with government officials those conservation and management measures that are particularly relevant to the country, and discuss, as appropriate, the challenges that they are facing at the time of implementing those actions.
 - d. The final activity is to collaborate with the CPC in the formulation of a plan for strengthening compliance, including a list of directed actions, national institutions that will be responsible, as well as timelines for the implementation of these actions. This stage could also be served as a tool to identify areas where the CPC might require additional assistance in overcoming particularly difficult challenges.
48. A report on the outcome of these collaborative actions in points c and d may be presented by the CPC to the Compliance Committee, establishing a baseline from which to measure progress in the strengthening of compliance.
49. To date, two CSM were successfully conducted, in early 2013, to Sri Lanka and Indonesia. Further follow-up missions might be conducted, upon request from the CPC, to assist in the monitoring of the progress of the work plan and propose additional actions should they prove necessary.

5.2 Capacity building activities: – Training in Port State Measures Resolution

50. The other component is specific to the implementation of Resolution 10/11 *on Port State Measures to prevent, deter and eliminate illegal, unreported and unregulated (IUU) fishing*. This training is primarily intended for field personnel and their supervisors, as it focuses more in the operational aspects of the Resolution on Port State Measures.
 - Implement at national level, a training course for government officials on IOTC Port State Measures for CPCs in the region
 - Implement a regional training workshop on IOTC Port State Measures,

- Develop an information system on port States Measures to facilitate the sharing of information as required by the Resolution 10/11.

51. To support those activities, two training packages were developed with the assistance of Mr Gilles Hosch, and the firm Capfish cc, acting as consultants. One relates to the implementation of the IOTC Conservation and Management Measures and the second relates to the implementation of Port State Measures to prevent, deter and eliminate illegal, unreported and unregulated (IUU).

5.3 Funding of these activities

52. Funding for these activities will be provided through cooperation with several initiatives following presentation of the capacity building initiatives to potential financing agencies. The Secretariat has:
- signed a Grant Agreement with the European Union for the provision of 80.000 € to finance the development of the two training packages and Compliance Support Missions,
 - received positive financing response from the following agencies/projects:
 - o Indian Ocean Commission’s Smartfish Programme, financed under the 10th European Development Fund) (financing to undertake, in qualifying countries, Compliance Support Missions, deliver National and Regional PSM training courses and Regional CMMs training courses),
 - o World Bank Project (under Global Partnership for Oceans) through the Indian Ocean Commission (financing to undertake, in qualifying countries, Compliance Support Missions, to develop the PSM information Sharing System and to develop template for fisheries legislation)
 - o ACP Fish II Project (financing to undertake a Regional CMMs training course)
 - o The FAO Project “Sustainable management of tuna fisheries and biodiversity conservation in the Areas Beyond National Jurisdiction (ABNJ)” supported by the Global Environmental Facility (GEF), (on further development of CLAV, template for national legislations, various capacity building activities,
 - o WWF (has shown interest in supporting some activities under the above-mentioned initiatives).
53. The participation of the Compliance Coordinator in a number of meetings has allowed better coordination with other efforts related to Monitoring Control and Surveillance in the IOTC Area. The cooperation with the EU-funded ACP Fish II Project has provided an opportunity to assist coastal States in the Western Indian Ocean and the eastern Africa region through a training workshop on the implementation of the IOTC port State Measures Resolution. The Project will further provide support to the IOTC to brief countries from the region on compliance issues related to IOTC
54. The Compliance Coordinator participated as a member of the Steering Committee for the COI-Smartfish project, representing IOTC.
55. Upon invitation from participating Member countries, the Compliance Coordinator and the Executive Secretary participated in two meetings of the forum of Directors of Fisheries, first one held in Seychelles, February 2012, and the second in La Réunion, June 2012.
56. The Compliance Officer collaborated in two training sessions on Port State Measures, organized by COI-Smartfish project, held in Tanzania for two sessions, in July and September 2012.
57. The Compliance Officer also acted as resource person for an FAO-organized workshop on Port State Measures in Bangkok, Thailand, on April 2012.
58. The Compliance Section also participates actively in the pilot project Fish-I, a partnership between Comoros, Kenya, Mozambique, Seychelles and Tanzania, supported by the Pew Charitable Trusts. It connects partners on a real-time basis to share information and intelligence to enable them to make decisions and take action against suspected illegal operators.

6. COMMUNICATIONS AND PUBLIC INFORMATION

6.1 Documents (papers and reports)

59. The Secretariat continues with the publications of all reports of the Commission and its subsidiary bodies (Working Parties and Committees). All reports are currently published in electronic format only, with the exception of the Scientific Committee’s report.
60. In 2012, the Secretariat produced **49** papers/reports (Appendix III) in support of the IOTC Science process, not including the reports of the various working parties (**6**) or the Executive Summaries (**25**). In addition, a further **44** papers/reports were developed in support of the other IOTC bodies (Commission, Compliance Committee, Standing Committee on Administration and Finance).
61. It was not possible to complete the production of a Data Summary due to the elevated workload for the relevant sections of the Secretariat. However, the Data Section of the IOTC Secretariat devoted extended time to further develop the amount of information presented to the different IOTC meetings, in particular information on fisheries trends and other indicators. In support of the work of the species’ Working Parties, datasets in standard formats were distributed to scientists interested in conducting analyses. The main datasets were available for download from the IOTC website prior to the meeting of the Working Parties.

62. The Secretariat continues its participation in the consortium of institutions that maintain the Aquatic Sciences and Fisheries Abstracts, an FAO publication that contains summaries of all fisheries –related publications from around the world. The Secretariat submits periodically the collection of summaries for the documents published presented to the Working Parties and the Scientific Committee, for reference for other scientists.

6.2 IOTC e-News

63. In 2012, the Secretariat continued the publication of the IOTC e-News. Newsletter is aimed at reaching out and keeping CPCs and other interested parties informed about what is being done to ensure the sustainability of fisheries by IOTC Member states, and about the support work provided by the IOTC Secretariat. Another aim was to provide readers with more information about how science, management and compliance combine to maintain the delicate balance that is required to ensure the long-term sustainable utilisation of such important renewable resources. In addition, the successes, the failures and the evolution of this process, as well as the many challenges posed by a joint management process were and will continue to be shared via the e-News. The first edition of the IOTCe-news for 2013 will be published once the new IOTC website is launched.

6.3 IOTC Website

64. The IOTC website continues to be a portal for communicating science related information to a variety of audiences. The Secretariat has completed the development of a new website, as requested by the Commission, and is now working on completing the population of the website with content and documents (i.e. migration of 4000 documents currently published on the IOTC website).
65. With the support of the ACP Fish II Project, a consultant, Mr Stefano Piredda, developed a website application that would allow users for a faster and more comprehensive search facility of the collection of Conservation and Management Measures of IOTC (July-August 2012).

7. SUPPORT TO MEETINGS

7.1 Meeting Participation Fund

66. The IOTC Meeting Participation Fund (MPF) was established during the 14th Session of the Commission (2010), held in Busan, Republic of Korea, through Resolution 10/05 *on the establishment of a meeting participation fund for developing IOTC Members and Non-contracting Cooperating Parties (CPCs)*. The MPF was established for the purposes of supporting scientists and representatives from IOTC Members and Cooperating non-Contracting Parties (CPCs) who are developing States to attend and/or contribute to the work of the Commission, the Scientific Committee and its Working Parties. The MPF was initially financed by an allocation of USD\$200,000 from IOTC’s accumulated funds in 2010 and was subsequently replenished to USD\$200,000 by the Commission at its 15th Session held in Colombo, Sri Lanka, and again at its 16th Session held in Fremantle, Australia.
67. Noting that the intention of the MPF was to utilise the funds, as a first priority, to support the participation of scientists from developing CPCs in scientific meetings of the IOTC, including Working Parties, in 2012, the Secretariat facilitated the participation of 46 (33 in 2011) individuals from 16 (15 in 2011) developing CPCs of IOTC to the six Working Party meetings held as detailed in Table 1. The level of participation by MPF recipients has continued to increase in 2012, up from 33 in 2011 and 19 in 2010. MPF and capacity building recipients in 2012 presented 36 working documents and 12 National Reports (38 in total in 2011) and no (2 in 2011) information papers to the various Working Party meetings, as detailed in Table 1.
68. As a secondary priority, Resolution 10/05 indicates that the MPF should be used to fund the participation of one representative per developing CPC to a non-scientific meeting of the Commission, including regular Sessions, if the CPC intends to present reports relevant to the meeting in question, and provided that the CPC is not eligible for support under the fund established under part VII of the UNFSA. In 2012 the Secretariat facilitated the participation of 15 individuals from 15 developing CPCs of IOTC to the non-scientific meetings, as detailed in Table 4.

Table 4. Participants of non-scientific meetings supported by the MPF in 2012

Meeting	Date and place	Meeting Participation Fund (previous meeting)
Technical Committee on Allocation Criteria	Postponed until 2013	-
Compliance Committee	18–20 April, Australia	15
Standing Committee on Administration and Finance	24–26 April, Australia	14
Session of the Commission	22–26 April, Australia	

7.2 Logistic support in the facilitation of meetings

69. The Secretariat worked with several translators for the provision of translation services, and preparation of documents in both languages of the Commission for the sessions of the Commission, the Compliance Committee, the Standing

Committee on Administration and Finance, the Technical Committee on Allocation Criteria, the Scientific Committee and all IOTC Circulars and supporting information.

70. In order to reduce staff costs, the translation of documents to the official languages of the Commission (English and French) has been outsourced as necessary. Unless there is a substantial increase in the workload relating to translation, the current approach is an effective way of proceeding under the current budget limits.
71. The Secretariat has been liaising with local institutions, hotels, service providers, tour operators for the organization working parties and other IOTC meetings in 2012 which were held in five different countries in addition to Seychelles.

7.3 Preparation of reports

72. The Secretariat staff provided the necessary support to all IOTC meetings in 2012 related to the development and dissemination of meeting reports. In 2012, all IOTC meeting reports were developed, finalised and disseminated efficiently and in a short timeframe to ensure CPCs had access to the most recent meeting findings and recommendations soon after the completion of a meeting (usually within one week).

8. INFORMATION TECHNOLOGY

73. The provision of basic computer infrastructure, including maintenance of the network and servers, as well as Internet support was providing by a consultant paid for by the Seychelles Fishing Authority, under the IOTC HQ Agreement. These services were also extended to general meeting support.

9. ADMINISTRATION

74. The financial administration of the IOTC, in conjunction with FAO, and the administration of extra-budgetary funds, travel arrangements, general logistical support to the activities of the technical sections, is discussed in detail in SCAF10 papers 04 and 05.

10. PROGRESS ON RECOMMENDATIONS FROM SCAF09

75. At the Ninth Session of the SCAF in 2012, CPCs agreed on a series of actions to be taken by CPCs and the Secretariat on a range of issues. The subsequent table developed and agreed to by the SCAF09 was provided to the Commission at its 16th Session for its endorsement. Provided at [Appendix IV](#) is an update on the progress made in implementing the recommendations from the previous SCAF meeting which were endorsed by the Commission S16).

11. OTHER ACTIVITIES

Contacts with other organisations

76. The Secretariat routinely maintains contacts with other organisations in the region with the purpose of coordinating activities to the extent possible. This is essential to avoid duplication of efforts with similar organisations. The Executive Secretary and Deputy Secretary maintains regular contacts with the other tuna RFMOs (CCSBT, IATTC, ICCAT, and WCPFC), although in 2012, did not participate in the meetings of the other tuna RFMOs.
77. The Secretariat, together with the Secretariats of the tuna RFMOs, continued to cooperate with FAO during 2012 in the formulation of the project “*Sustainable management of tuna fisheries and biodiversity conservation in the Areas Beyond National Jurisdiction (ABNJ)*” supported by the Global Environmental Facility (GEF), with the following objectives: To achieve efficiency and sustainability in tuna production and biodiversity conservation in the ABNJ, through the systematic application of an ecosystem approach in tuna fisheries for : (i) supporting the use of sustainable and efficient fisheries management and fishing practices by the stakeholders of the tuna resources, (ii) reducing illegal, unreported and unregulated [IUU] fishing, and (iii) mitigating adverse impacts of bycatch on biodiversity. The execution of the project will probably start towards the end of 2013, with a global funding from GEF of approximately USD 25,000,000 to be utilized on activities distributed among all tuna RFMOs.
78. The **Southwest Indian Ocean Fishery Commission** (SWIOFC) is an advisory body under the FAO umbrella that deals with non-tuna species in the EEZ of the member countries. The **Southwest Indian Ocean Fishery Project** (SWIOFP) is a multinational project partly financed by the World Bank and Global Environment Fund, completely recently (March 2013). Although neither of these institutional arrangements have a mandate to manage tuna fisheries, they can contribute actively to the scientific work of IOTC and assist in its management actions, so coordination is essential. To the extent possible the Secretariat attends the meetings of these two organizations. As examples of cooperation, the Executive Secretary attended the Sixth Session of SWIOFC in Mauritius, 8-11 October 2012, and the meeting of the newly formed **Working Party on Collaboration and Cooperation on Tuna Matters**, in January 2013. In the case of SWIOFP, it has supported participation of scientists from the region in various meetings of IOTC, and has supported training of observers that would participate in the Regional Observer Scheme.
79. The Secretariat continues its coordination with various intergovernmental and non-governmental organizations interested in the activities of the Commission, including:
 - the **BirdLife International** has been instrumental in arranging the seabird bycatch mitigation training as requested by the Commission in Resolution 12/06.

-
- the **International Seafood Sustainability Foundation**, who throughout the year has provided additional support to the development of the CLAV, supported the participation of the Secretariat to the forum for the worldwide development of rights-based management approaches in tuna fisheries, and has pledged support to the management strategy evaluation process started by the Scientific Committee.
 - the **Indian Ocean Sea Turtle Memorandum of Understanding**, an intergovernmental organizations for the protection of sea turtles, who, as mentioned above, collaborated in the production of the identification cards (see paragraph 53), together with **BirdLife International** and the **Agreement on the Conservation of Albatrosses and Petrels** (ACAP) a multilateral agreement to coordinate international activity to mitigate threats to albatross and petrel populations.
 - **World Wildlife Fund, Traffic**. Cooperation on various fronts, including contribution of material for the training on Port State Measures Resolution.
 - **Greenpeace International** in exchanging information concerning presumed IUU activities.
80. The Secretariat continues its cooperation with the **Bay of Bengal – Large Marine Ecosystems (BOB-LME)** programme, executed by FAO, on technical matters such as the strengthening of data collection systems in countries from the eastern Indian Ocean, and status assessment for species of interest to IOTC , such as sharks.
81. The Secretariat was invited to participate to the 7th (2012) meeting of the **International Forum on Illegal, Unreported and Unregulated Fishing**, at Chatham House, London. The Secretariat gave a presentation on the progress of the implementation of Port State measures.
82. The Secretariat maintains close links with the **Commission de l’Océan Indien (COI/IOC)** primarily through the discussions of possible future coordination and cooperation in fisheries projects involving tuna fisheries. The Secretariat has been following the activities of the IOC Project Integrated Regional Fisheries Strategy (IRFS-Smartfish), and it continues to collaborate with the activities of the Project that are aligned with the objectives of IOTC.

APPENDIX I

PROGRESS: MAJOR ACTIVITIES PLANNED FOR THE SECRETARIAT IN 2012 BY FUNCTIONAL AREA

Functional area	Major activities	Major achievements / outputs expected in 2011	Progress in 2012
Area 1: Support to scientific activities : acquisition of scientific data	<ul style="list-style-type: none"> Receiving data, maintenance and ongoing development of databases Coordination Field Manual and IOTC Data Summary Preparation of datasets for Working Parties and stock assessments Reports on data situation to Scientific Committee and Working Parties Provision of data upon request Implementation of new capacity building activities in countries of the IOTC Region: In particular with respect to the implementation of the IOTC observer Programme (training and support recommended in the resolution) Implementation of a pilot project to enhance reporting systems in artisanal fisheries Formulation and submission of special projects to improve data situation Coordination of special field projects (tagging, sampling programmes) (e.g. in collaboration with the COI, SWIOFP, and other regional initiatives). 	<ul style="list-style-type: none"> Implementation of new IOTC database and preparation of data administration and user manuals. Transfer of all data to the new IOTC database structure Reports on Status of IOTC databases produced for relevant Working Parties and Scientific Committee Data for stock assessments produced: Nominal catch, catch and effort, size frequency. Catch-at-size / catch-at-age for tropical tunas and swordfish Timely provision of scientific data to Members and others, including a balanced assessment of the data quality Coordination and publication of sections of IOTC Field Manual (e.g. Guidelines for the reporting of data to the IOTC) Report on the feasibility of implementing near-real-time catch reporting systems in various fleets. Documentation of procedures used at the Data Section. 	<ul style="list-style-type: none"> Partial Complete Complete Complete Complete Complete
Area 1: Support to scientific activities: data analyses	<ul style="list-style-type: none"> Production of analyses in support of the stock assessment Exploratory data analyses, including stock status indicators Production of stock assessment analyses as required by the Scientific Committee or the working parties. Training to scientists in the region as requested by Members. 	<ul style="list-style-type: none"> Revisions to Executive Summaries for 15 IOTC species, 7 shark species/group, marine turtles and seabirds for working parties and the Scientific Committee Summary reports on stock status indicators for major species Production of abundance indices based on catch rates from the Maldives pole-and-line fishery for skipjack tuna Stock assessment of bigeye tuna, yellowfin tuna, skipjack (incorporating tagging data) and swordfish Analyses of billfish data Estimation of auxiliary parameters (reporting rates; growth) from tagging data. 	<ul style="list-style-type: none"> Complete Complete Complete Complete Complete

<p>Area 2: Support to compliance activities</p>	<ul style="list-style-type: none"> • Maintain Records of Vessels (Authorised, Active, IUU List) / Records of validation information for the Bigeye Statistical Document Programme • Ongoing strengthening of member compliance and enforcement regimes in accordance with IOTC management measures • Advisory role to CPCs on IUU matters. 	<ul style="list-style-type: none"> • Timely update of IOTC Records • Improved understanding of the compliance and enforcement capability of members (by way of a survey of members) • Training and support on implementation of port State measures • Provision of advice to update national legislation to effectively implement IOTC management actions • Implementation of the Regional Observer Programme to monitor transshipment at sea. 	<ul style="list-style-type: none"> • Complete • Complete and ongoing • Complete • Ongoing • Complete
<p>Area 3: Communications and relations to the public</p>	<ul style="list-style-type: none"> • Day to day response to stakeholder regarding IOTC matters • Ongoing strengthening of relationships with relevant stakeholders and regional organisations 	<p>Maintenance of strong partnerships with stakeholders; timely responses to stakeholders</p> <p>Complete redesign of the IOTC website</p> <p>Improve understanding of IOTC conservation and management measures by stakeholders</p> <p>Participation at SWIOFC⁵ and SWIOFP⁶</p> <p>Liaison with other t-RFMOs⁷ on shared activities;</p> <ul style="list-style-type: none"> • Dissemination of information on IOTC activities in the international press. 	<ul style="list-style-type: none"> • Complete and ongoing • Partially complete and Ongoing • Partially complete and Ongoing • Not undertaken due to resource limitations. • Complete

⁵ South West Indian Ocean Fisheries Commission.

⁶ South West Indian Ocean Fisheries Project.

⁷ Tuna Regional Fisheries Management Organizations

Area 4: Support to meetings	<ul style="list-style-type: none"> • Organisation of meetings • Production of documents as required by the IOTC Agreement and as requested by the Commission • Drafting reports • 	<p>Production of Commission meeting documents including</p> <ul style="list-style-type: none"> • Programme of work and budget, financial reports • <i>Reports on:</i> IOTC fisheries statistics / Bigeye Statistical Programme / Record of Authorised vessels / Record of active vessels / Record of port inspections / VMS programmes • Meetings proceed with minimal interruption due to organisational/administrative matters <p>1 Commission / 1 Compliance Committee / 1 Standing committee on Administration and Finance / 6 Working Parties / 1 Scientific Committee/ possibly 1 special meeting</p> <p>Timely completion and posting of all meeting reports.</p>	<ul style="list-style-type: none"> • Complete • Complete • Complete • Complete • Complete
Area 5: Information technology	<ul style="list-style-type: none"> • Website maintenance and development • IT support to Secretariat 	<p>Website and internal computer systems operate with minimal disruption</p> <p>Deployment of the new IOTC website</p>	<ul style="list-style-type: none"> • Complete • Partially complete
Area 6: Administration	<ul style="list-style-type: none"> • Accounts, Human Resources (including staff management), travel and FAO administrative duties. • Management of contracts for the provision of services (currently including cleaning, scientific analyses and translation) 	<p>Administration conforms with Commission requirements and FAO guidelines.</p> <p>Effective management of the resources placed at the disposal of the Secretariat</p>	<ul style="list-style-type: none"> • Complete • Complete

APPENDIX II

LIST OF CHAIRS, VICE-CHAIRS AND THEIR RESPECTIVE TERMS FOR THE COMMISSION AND SUBSIDIARY BODIES

Group	Chair/Vice-Chair	Chair	CPC/Affiliation	Term commencement date	Term expiration date (End date is until replacement is elected)	Comments
Commission	Chair	Mr. Daroomalingum Mauree	Mauritius	21 April 2011	End of Com. in 2013	1st term
	Vice-Chair	Mr. Shingo Ota & Ms. Anna Willock	Japan & Australia	21 April 2011	End of Com. in 2013	1st term
CoC	Chair	Mr. Roberto Cesari	EU,Italy	05 March 2010	End of CoC in 2014	2nd term
	Vice-Chair	Dr Damitha de Zoysa	Sri Lanka	20 April 2012	End of CoC in 2014	1 st term
SCAF	Chair	Mr. Godfrey Monor	Kenya	24 April 2012	End of SCAF in 2014	1 st term
	Vice-Chair	Vacant	Vacant	Vacant	Vacant	Vacant
TCAC	Chair	Mr. Daroomalingum Mauree	Mauritius	21 April 2011	End of Com. in 2013	1st term
	Vice-Chair	Vacant	Vacant	Vacant	Vacant	Vacant
SC	Chair	Dr. Tsutomu Nishida	Japan	17-Dec-11	End of SC in 2013	1st term
	Vice-Chair	Mr. Jan Robinson	Seychelles	17-Dec-11	End of SC in 2013	1st term
WPB	Chair	Mr. Jerome Bourjea	EU,France	08-Jul-11	End of WPB in 2013	1st term
	Vice-Chair	Mr. Miguel Santos	EU,Portugal	08-Jul-11	End of WPB in 2013	1st term
WPTmT	Chair	Dr. Zang Geun Kim	Korea, Rep. of	22-Sep-11	End of WPTmT in 2013	1st term
	Vice-Chair	Mr. Takayuki Matsumoto	Japan	06-Sep-12	End of WPTmT in 2014	1st term
WPTT	Chair	Dr. Hilario Murua	EU,Spain	25-Oct-10	End of WPTT in 2014	2nd term
	Vice-Chair	Dr. Shiham Adam	Maldives, Rep. of	23-Oct-11	End of WPTT in 2013	1st term
WPEB	Chair	Dr. Charles Anderson	UK/Independent	14-Oct-10	End of WPEB in 2013	2nd term
	Vice-Chair	Dr. Evgeny Romanov	EU,France	27-Oct-11	End of WPEB in 2013	1st term
WPNT	Chair	Dr. Prathibha Rohit	India	27-Nov-11	End of WPNT in 2013	1st term
	Vice-Chair	Mr. Farhad Kaymaram	I.R. Iran	27-Nov-11	End of WPNT in 2013	1st term
WPDCS	Chair	Mr. Miguel Herrera	Secretariat	04-Dec-10	End of WPDCS 2013	2nd term
	Vice-Chair	Dr. Pierre Chavance	European Union	10-Dec-11	End of WPDCS 2013	1st term
WPM	Chair	Dr. Iago Mosqueira	European Union	18-Dec-11	End of WPM 2013	1st term
	Vice-Chair	Dr. Toshihide Kitakado	Japan	18-Dec-11	End of WPM 2013	1st term
WPFC	Chair	Not active	Not active	Not active	Not active	Not active
	Vice-Chair	Not active	Not active	Not active	Not active	Not active

APPENDIX III**LIST OF PAPERS WITH PARTICIPATION FROM IOTC SECRETARIAT STAFF IN THE YEAR 2012**

Document number	Title
<i>Ninth Session of the Compliance Committee</i>	
IOTC-2012- CoC09-03 Rev_2	Review of the implementation of IOTC Conservation and Management Measures
IOTC-2012- CoC09-04a Rev_1	IOTC Regional Observer Programme for at-sea transshipments – Secretariat’s Report
IOTC-2012- CoC09-05	Review of reference fishing capacity and fleet development plans
IOTC-2012- CoC09-05 Add_1 Rev_1	Collection of fleet development plans
IOTC-2012- CoC09-06	Update on progress regarding the Performance Review (Resolution 09/01).
IOTC-2012- CoC09-07	Review of the Provisional IUU Vessels List
IOTC-2012- CoC09-08a	Complementary elements for discussion under item 8 of the agenda for the Compliance Committee
IOTC-2012-CoC09-CR1 to 32	32 x Compliance reports for each CPC (Secretariat)
<i>Ninth Session of the Standing Committee on Administration and Finance</i>	
IOTC-2012-SCAF09-03	Progress report of the Secretariat: 2011
IOTC-2012-SCAF09-04	Financial Statement: 2011
IOTC-2012-SCAF09-05	Program of work and budget estimates for 2012 and 2013
IOTC-2012-SCAF09-06	Update on progress regarding Resolution 09/01 – On the performance review follow-up
IOTC-2012-SCAF09-07	Establishing procedures for the implementation of the IOTC meeting participation fund
<i>Sixteenth Session of the Commission</i>	
IOTC-2012-S16-05	Update on the KOBE process (KOBE III)
IOTC-2012-S16-06	Update on progress regarding Resolution 2009/01 <i>on the performance review follow-up</i>
IOTC-2012-S16-07	On conservation and management measures that may no longer be applicable (Secretariat)
IOTC-2012-S16-08	Current conservation and management measures requiring action by the Commission in 2012 (Secretariat)
<i>Fourth Session of the Working Party on Temperate Tunas</i>	
IOTC-2012-WPTmT04-03	Outcomes of the Fourteenth Session of the Scientific Committee (Secretariat)
IOTC-2012-WPTmT04-04	Outcomes of the Sixteenth Session of the Commission (Secretariat)
IOTC-2012-WPTmT04-05	Review of Conservation and Management Measures relating to temperate tuna (Secretariat)
IOTC-2012-WPTmT04-06	Progress made on the recommendations of WPTmT03 (Secretariat & chair)
IOTC-2012-WPTmT04-07	Review of the statistical data and fishery trends for albacore (Miguel Herrera & Lucia Pierre - Secretariat)
IOTC-2012-WPTmT04-08	Status of Indian Ocean albacore resource (<i>Thunnus alalunga</i>) (Secretariat)
IOTC-2012-WPTmT04-INF04	Review: CPUE Standardizations for Japan for the Albacore Assessment (Dr. Rishi Sharma)
IOTC-2012-WPTmT04-INF05	Review: CPUE Standardizations for Korea for the Albacore Assessment (Dr. Rishi Sharma)
IOTC-2012-WPTmT04-INF06	Re: CPUE Standardizations for Taiwan,China for the Albacore Assessment and ASPM review (Dr. Rishi Sharma)
IOTC-2012-WPTmT04-INF07	Re: ASPM Model Review (Dr. Rishi Sharma)
IOTC-2012-WPTmT04-INF08	Re: ASPM Model Review (Dr. Rishi Sharma)
<i>Ninth Session of the IOTC Working Party on Billfish</i>	
IOTC-2012-WPB10-03	Outcomes of the Fourteenth Session of the Scientific Committee (Secretariat)
IOTC-2012-WPB10-04	Outcomes of the Sixteenth Session of the Commission (Secretariat)
IOTC-2012-WPB10-05	Review of Conservation and Management Measures relating to Billfish (Secretariat)
IOTC-2012-WPB10-06	Progress made on the recommendations of WPB09 (Secretariat & chair)
IOTC-2012-WPB10-07	Review of the statistical data and fishery trends for billfish (Miguel Herrera & Lucia Pierre - Secretariat)
IOTC-2012-WPB10-08	Draft billfish identification cards (Secretariat)
<i>Eighth Session of the Working Party on Ecosystems and Bycatch</i>	
IOTC-2012-WPEB08-03	Outcomes of the Fourteenth Session of the Scientific Committee (Secretariat)

IOTC-2012-WPEB08-04	Outcomes of the Sixteenth Session of the Commission (Secretariat)
IOTC-2012-WPEB08-05	Review of current Conservation and Management Measures relating to ecosystems and bycatch (Secretariat)
IOTC-2012-WPEB08-06	Progress made on the recommendations of WPEB07 (Secretariat & chair)
IOTC-2012-WPEB08-07	Status of development and implementation of National Plans for Action for Seabirds and Sharks (Secretariat)
IOTC-2012-WPEB08-08 Rev_1	Update on the implementation of the IOTC Regional Observer Scheme (Secretariat)
IOTC-2012-WPEB08-09	Review of the statistical data available for bycatch species (Miguel Herrera & Lucia Pierre - Secretariat)

Fourth Session of the Working Party on Methods

IOTC-2012-WPM04-03	Outcomes of the Fourteenth Session of the Scientific Committee and the Sixteenth Session of the Commission (Secretariat)
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Fourteenth Session of the Working Party on Tropical Tunas

IOTC-2012-WPTT14-03	Outcomes of the Fourteenth Session of the Scientific Committee (Secretariat)
IOTC-2012-WPTT14-04	Outcomes of the Sixteenth Session of the Commission (Secretariat)
IOTC-2012-WPTT14-05	Review of Conservation and Management Measures relating to tropical tunas (Secretariat)
IOTC-2012-WPTT14-06	Progress made on the recommendations of WPTT13 (Secretariat & chair)
IOTC-2012-WPTT14-07 Rev_1	Review of the statistical data and fishery trends for tropical tunas (Miguel Herrera, Lucia Pierre, James Geehan and Julien Million - Secretariat)
IOTC-2012-WPTT14-23 Rev_1	Updated growth estimates for skipjack, yellowfin and bigeye tuna in the Indian Ocean using the most recent tag-recapture and otolith data (P. Eveson, J. Million, F. Sardenne and G. Le Croizier)
IOTC-2012-WPTT14-24 Rev_1	A hierarchical Bayesian integrated model incorporated direct ageing, mark-recapture and length-frequency data for yellowfin (<i>Thunnus albacares</i>) and bigeye (<i>Thunnus obesus</i>) of the Indian Ocean (E. Dortel, F. Sardenne, G. Le Croizier, J. Million, E. Rivot, N. Bousquet and E. Chassot)
IOTC-2012-WPTT14-29 Rev_1	Indian Ocean skipjack tuna stock assessment (1950–2011) (Stock Synthesis) (R. Sharma, M. Herrera, J. Million, A. Langley and I. Taylor)
IOTC-2012-WPTT14-31	Determining an appropriate tag mixing period for the Indian Ocean yellowfin tuna stock assessment (A. Langley and J. Million)
IOTC-2012-WPTT14-32 Rev_1	Application of the Brownie-Petersen method for estimating mortality rates and abundance to Indian Ocean yellowfin tuna tag-recapture and catch data (A. Langley and J. Million)
IOTC-2012-WPTT14-38 Rev_1	Stock assessment of yellowfin tuna in the Indian Ocean using MULTIFAN-CL (Adam Langley, Miguel Herrera and Julien Million)
IOTC-2012-WPTT14-41	Preliminary assessments of tuna mortality rates from a Bayesian Brownie-Petersen model (N. Bousquet, Chassot, E. Dortel, J. Million, P. Eveson and J.-P. Hallier)

Second Session of the Working Party on Neritic Tunas

IOTC-2012-WPNT02-03	Outcomes of the Thirteenth Session of the Scientific Committee (Secretariat)
IOTC-2012-WPNT02-04	Outcomes of the Fifteenth Session of the Commission (Secretariat)
IOTC-2012-WPNT02-05	Review of the statistical data available for the neritic tuna species (M. Herrera and L. Pierre — Secretariat)
IOTC-2012-WPNT02-06	Template for a resource Executive Summary (Secretariat)
IOTC-2012-WPNT02-07	Review of current Conservation and Management Measures relating to neritic tuna species (Secretariat)
IOTC-2012-WPNT02-25 Rev_1	Indian Ocean neritic tuna stock assessments (kawakawa and longtail): using surplus production models with effort: an observation error based approach (R. Sharma, M. Herrera and J. Million)

Fifteenth Session of the Scientific Committee

IOTC–2012–SC15–03	Outcomes of the Sixteenth Session of the Commission (Secretariat)
IOTC–2012–SC15–04	Previous decisions of the Commission (Secretariat)
IOTC–2012–SC15–05	Report of the secretariat – Activities in support of the IOTC science process in 2012 (Secretariat)
IOTC–2012–SC15–06	Status of development and implementation of National Plans of Action for seabirds and sharks (Secretariat)
IOTC–2012–SC15–07	Examination of the effects of piracy on fleet operations and subsequent catch and effort trends (Chair and Secretariat)
IOTC–2012–SC15–33	National Implementation of the regional observer scheme by CPCs (Secretariat)
IOTC–2012–SC15–34	Update on progress regarding Resolution 09/01 – on the performance review follow-up (Secretariat and Chair)
IOTC–2012–SC15–35	Proposed priorities for Working Party’s and the Scientific Committee for 2013 and 2014 (Chair & Secretariat)
IOTC–2012–SC15–36	Proposed schedule of Working Party and Scientific Committee meetings for 2013 and 2014 (Secretariat)
IOTC–2012–SC15–37	Revision: ‘Guidelines for the Presentation of Stock Assessment Models’ (Chair & Secretariat)
IOTC–2012–SC15–38	Pilot project to improve data collection for tuna, sharks and billfish from artisanal fisheries in the Indian Ocean. Part II: Revision of catch statistics for India, Indonesia and Sri Lanka (1950-2011). Assignment of species and gears to

the total catch and issues on data quality (G. Moreno, M. Herrera and L. Pierre)

IOTC-2011-SC14-INF01

IOTC-OFCF Project activities in 2012: Progress Report

IOTC-2011-SC14-INF03

Glossary of scientific terms, acronyms and abbreviations, and report terminology

APPENDIX IV
PROGRESS MADE ON THE RECOMMENDATIONS OF SCAF09, ENDORSED AT S16

#	Recommendation from SCAF06	Adopted by S16	Responsibility	Due date
1	<p>Capacity Building</p> <p>SCAF09.01 (para. 17) The SCAF RECOMMENDED that capacity building activities, including workshops on compliance, data and science be continued in 2012 and financially supported by Members through voluntary contributions.</p> <p><i>Progress: A range of capacity building activities were undertaken in 2012, ranging from data collecting and reporting workshops, compliance with IOTC CMMs and understanding the IOTC scientific process..</i></p>	Yes	All	2012
2	<p>SCAF09.02 (para. 18) The SCAF RECOMMENDED that the Secretariat expedite the finalisation of the new website for the IOTC, noting that the current website is cumbersome, difficult to navigate, and in some cases, provides out-dated information.</p> <p><i>Progress: The new website is in the final stage of testing</i></p>	Yes	Secretariat	Ongoing
3	<p>SCAF09.03 (para. 33) The SCAF RECOMMENDED that all Members with overdue contributions finalise payment of those contributions as soon as possible so as not to hinder the operation of the IOTC. To facilitate this process, the Chair of the Commission shall write to each of the CPCs with contributions in arrears totaling more than the previous two years to seek confirmation of their continued involvement in the IOTC, quoting Article IV, para. 4 of the IOTC Agreement, and to seek payment for overdue contributions. Responses from those CPCs should be circulated by the Secretariat to all CPCs for considering at the 17th Session of the Commission.</p> <p><i>Progress: Nil. Letters not sent.</i></p>	Yes	Chair of the Commission and Members with overdue contributions.	2013
4	<p>SCAF09.04 (para. 34) The SCAF RECOMMENDED that the MPF be replenished to its initial level of USD\$200,000 for the financial year 2012, through the allocation of funds from sources including, but not limited to, the IOTC accumulated funds – the replenishment of the MPF from accumulated funds should take into account possible emerging cash flow difficulties concerning the management of the Secretariat, voluntary contributions from Members and such other sources as the Commission may identify.</p> <p><i>Progress: The Commission replenished the MPF to US\$200,000 in 2012.</i></p>	Yes	Commission	2013
5	<p>SCAF09.05 (para. 35) The SCAF RECOMMENDED that the Commission note Resolution 10/05 indicated that the Commission will identify, at its 15th Session, a procedure for supplying funds to the MPF in the future, which is now overdue.</p> <p><i>Progress: Nil. No additional procedures for replenishing the MPF were identified by the Commission.</i></p>	Yes	Commission	2012 and 2013
6	<p>SCAF09.06 (para. 48) The SCAF RECOMMENDED that the Commission endorse the IOTC Secretariat’s programme of work for the financial period 01 January, 2012 to 31 December 2012, as outlined in paper IOTC–2012–SCAF09–05.</p> <p><i>Progress: Endorsed by the Commission.</i></p>	Yes	Commission	2012
7	<p>SCAF09.07 (para. 49) The SCAF RECOMMENDED that the Executive Secretary together with the Chair of SCAF prepare an options paper for the next SCAF meeting, which offers options to reduce costs and the associated impacts of those reductions.</p> <p><i>Progress: In progress</i></p>	Yes	Executive Secretary	2012
8	<p>SCAF09.08 (para. 50) The SCAF RECOMMENDED that the Meeting Participation Fund be separated from the main budget as a separate project, and for the Executive Secretary to request that the FAO project support costs be waived.</p>	Yes	Executive Secretary	2012

	<i>Progress: Contacts have been made with appropriate offices in FAO to proceed with the creation of a separate project.</i>			
9	SCAF09.09 (para. 51) The SCAF RECOMMENDED that an audit of CPC contributions, both direct and indirect be undertaken, for presentation to the SCAF at its next session. <i>Progress: In progress</i>	Yes	-	2012
10	SCAF09.10 (para. 52) The SCAF RECOMMENDED that the Executive Secretary prepare an information document, in conjunction with FAO, which details what the 4.5% servicing fee covers. In addition, the information document should highlight all other services received from FAO as in-kind support. The Executive Secretary shall ensure that the information document is provided no later than 30 days before the next SCAF meeting. <i>Progress: In progress</i>	Yes	Executive Secretary	2012
11	SCAF09.11 (para. 53) The SCAF RECOMMENDED that the Commission adopt the budget for, and the scheme of contributions for 2012 as outlined in Appendix III and Appendix IV respectively. <i>Progress: Adopted by the Commission.</i>	Yes	Commission	2012
12	SCAF09.12 (para. 57) The SCAF RECOMMENDED that the Commission note the current status of implementation for each of the recommendations arising from the Report of the IOTC Performance Review Panel, relevant to the SCAF, as provided in Appendix V. <i>Progress: Noted.</i>	Yes	Commission	2012
13	SCAF09.13 (para. 61) The SCAF RECOMMENDED that the Commission endorse the rules of procedure for use by the Secretariat in administering the Meeting Participation Fund (Appendix VI). <i>Progress: Endorsed by the Commission</i>	Yes	Commission	–
14	SCAF09.14 (para. 63) The SCAF RECOMMENDED that the next Tenth Session of the SCAF be held during the Commission meeting dates, rather than the day before or after the Commission meeting. The exact dates and location would be decided by the Commission. <i>Progress: Endorsed by the Commission</i>	Yes	Commission	2012
15	SCAF09.15 (para. 64) The SCAF RECOMMENDED that the Commission consider the consolidated set of recommendations arising from SCAF09, provided at Appendix VII. <i>Progress: Endorsed by the Commission</i>	Yes	Commission	2012