
**DRAFT: ANNOTATED AGENDA FOR THE 16TH WORKING PARTY ON
TROPICAL TUNAS**

LAST UPDATED: 14 NOVEMBER 2014

Date: 15–19 November 2014

Location: Ramada Bintang Bali Resort, Jalan Kartika Plaza, Tuban, Kuta
Bali, Indonesia

Time: 09:00 – 17:00 daily

Chair: Dr. Hilario Murua; **Vice-Chair:** Dr. Shiham Adam

1. **OPENING OF THE MEETING** (Chair)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chair)
 - IOTC-2014-WPTT16-01a: Draft: Agenda for the 16th Working Party on Tropical Tunas
 - IOTC-2014-WPTT16-01b: Draft: Annotated agenda for the 16th Working Party on Tropical Tunas
 - IOTC-2014-WPTT16-02: Draft: List of documents for the 16th Working Party on Tropical Tunas
3. **THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1 Outcomes of the 16th Session of the Scientific Committee (IOTC Secretariat)
 - IOTC-2014-WPTT16-03: Outcomes of the 16th Session of the Scientific Committee
 - 3.2 Outcomes of the 18th Session of the Commission (IOTC Secretariat)
 - IOTC-2014-WPTT16-04: Outcomes of the 18th Session of the Commission (IOTC Secretariat)
 - 3.3 Review of Conservation and Management Measures relevant to tropical tunas (IOTC Secretariat)
 - IOTC-2014-WPTT16-05: Review of current Conservation and Management Measures relevant to tropical tunas (IOTC Secretariat)
 - 3.4 Progress on the recommendations of WPTT15 (IOTC Secretariat)
 - IOTC-2014-WPTT16-06: Progress made on the recommendations of WPTT15 (Chair)
4. **NEW INFORMATION ON FISHERIES AND ASSOCIATED ENVIRONMENTAL DATA RELATING TO TROPICAL TUNAS**
 - 4.1 Review new information on fisheries and associated environmental data (CPC papers)
 - IOTC-2014-WPTT16-09: Tuna longline fishery by Thai longliners in the Indian Ocean during 2009-2013 (Lirdwitayaprasit P, Luesrithawornsinand P & Wongkeaw A)
 - IOTC-2014-WPTT16-10: Review of Japanese fisheries and tropical tuna catch in the Indian Ocean (Matsumoto T)
 - IOTC-2014-WPTT16-11: Tropical tuna fisheries in the Indian Ocean of Iran (Akhondi M)
 - IOTC-2014-WPTT16-12: Fishing activities of the French and associated flags purse seiners targeting tropical tunas in the Indian Ocean (1981-2013) (Chassot E, Floch L, Dewals P, Damiano A, Cauquil P & Chavance P)
 - IOTC-2014-WPTT16-13: Statistics of the European Union and associated flags purse seine fishing fleet targeting tropical tunas in the Indian Ocean (1981-2013) (Chassot E, Delgado de Molina A, Assan C, Lucas V, Dewals P, Areso JJ, Rahombanjanahary DM, Soto M & Floch L)
 - IOTC-2014-WPTT16-14: Modelling the spatial behaviour of a tropical tuna purse seine fleet (Davies TK, Mees CC & Milner-Gulland EJ)
 - IOTC-2014-WPTT16-15: Statistics of the purse seine Spanish fleet in the Indian Ocean (1990-2013) (Delgado de Molina A, Ariz J & Soto M)
 - IOTC-2014-WPTT16-16: Some new approaches for standardizing tropical purse seine CPUEs (Katara I & Gaertner D)
 - IOTC-2014-WPTT16-17: Examining the impact of spatial closures on the behaviour of a tropical tuna purse seine fleet (Davies TK, Mees CC & Milner-Gulland EJ)

- IOTC–2014–WPTT16–18: Analysis of impact of non-entangling FADs on incidental catches in the Indian Ocean tuna fishery (Hernández-García V, Ortega ATS, Ganzedo-López U & Castro JJ)
- IOTC–2014–WPTT16–19: Spanish Fish Aggregating Device Management Plan. Preliminary data in the Indian Ocean (Delgado de Molina A, Ariz J, Murua H, Santana JC, Ramos L & Soto M)
- IOTC–2014–WPTT16–20: The use of artificial fish aggregating devices by the French tropical tuna purse seine fleet: Historical perspective and current practice (Chassot E, Goujon M, Maufroy A, Cauquil P, Augustin E, Fonteneau A & Gaertner D)
- IOTC–2014–WPTT16–21: How many fish aggregating devices are currently drifting in the Indian Ocean? Combining sources of information to provide a reliable estimation (Maufroy A, Bez N, Kaplan D, Delgado de Molina A, Murua A & Chassot E)
- IOTC–2014–WPTT16–22: Managing tropical tuna purse seine fisheries through limiting the number of drifting fish aggregating devices in the Indian Ocean: food for thought (Fonteneau A & Chassot E)
- IOTC–2014–WPTT16–23: Ocean-climate interaction of eastern Indian Ocean for tuna fisheries and its socio-economy impacts (Pranowo WS, Tisiana A, Nugraha B, Novianto D & Muawanah U)
- IOTC–2014–WPTT16–24: Outline of climate and oceanographic conditions in the Indian Ocean: an update to August 2014 (Marsac F)
- IOTC–2014–WPTT16–51: Preliminary study about the suitability of an electronic monitoring system to record scientific and other information from the tropical tuna purse seine fishery (Monteagudo JP, Legorburu G, Justel-Rubio A & Restrepo V)
- IOTC–2014–WPTT16–52: Indian Ocean tropical tunas in MyFISH, an European FP7 project aiming to develop new MSY indicators (Merino G, Murua H, Arrizabalaga H & Santiago J)
- IOTC–2014–WPTT16–53: Kobe I (plot)+ II (risk assessment) software (version 3, 2014) (Nishida T, Kitakado T, Iwasaki K & Itoh K)
- IOTC–2014–WPTT16–54 Rev_1: AD model builder implemented age-structured production model (ASPM) software (version 3, 2014) (Nishida T, Kitakado T, Iwasaki, K & Itoh K)

5. BIGEYE TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 5.1 Review of the statistical data available for bigeye tuna (IOTC Secretariat)
- IOTC–2014–WPTT16–07 Rev_1: Review of the statistical data and fishery trends for tropical tunas [bigeye tuna]
- 5.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for bigeye tuna (CPC papers)
- IOTC–2014–WPTT16–25: Spatial and temporal distribution of bigeye tuna (*Thunnus obesus*) in eastern Indian Ocean on scientific observer data from 2005-2013 (Jatmiko I, Setyadji B & Novianto D)
 - IOTC–2014–WPTT16–26: Notes on yellowfin/bigeye tuna ratio and size distribution in the Maldivian tuna fishery (Adam MS, Jauharee AR & Ahusan M)
 - IOTC–2014–WPTT16–27: Spatial considerations in bigeye and yellowfin CPUE from Japanese and Taiwan, China longline fisheries in the Indian Ocean (Hoyle S)
- 5.3 Data for input into stock assessments (indicators)
- IOTC–2014–WPTT16–28 Rev_1: Provisional study on comparison of CPUE trend of bigeye and yellowfin tuna between Japanese and Taiwan-China longline fisheries based on whole and shared strata in the Indian Ocean (Okamoto H)
 - IOTC–2014–WPTT16–29 Rev_1: Japanese longline CPUE for bigeye tuna in the Indian Ocean standardized by GLM (Ochi D, Matsumoto T, Satoh K & Okamoto H)
 - IOTC–2014–WPTT16–30: CPUE standardization of bigeye tuna caught by Korean tuna longline fishery in the Indian Ocean (Lee SI, Kim ZG, Lee MK, Ku JE, Park HE & Lee DW)
 - IOTC–2014–WPTT16–31: CPUE of bigeye and yellowfin tuna caught by Japanese longliner in the Indian Ocean standardized by GLM considering several aspects of area, catchability and data resolution (Okamoto H)
 - IOTC–2014–WPTT16–55: Analysis of Taiwanese longline fisheries based on operational catch and effort data for bigeye and yellowfin tuna in the Indian Ocean (Yeh Y-M)

- 5.4 Stock assessments
- 5.5 Selection of Stock Status indicators
- 5.6 Development of technical advice on the status of bigeye tuna

6. SKIPJACK TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 6.1 Review of the statistical data available for skipjack tuna (IOTC Secretariat)
- 6.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for skipjack tuna (CPC papers)
 - IOTC-2014-WPTT16-32: Analysis of skipjack tuna (*Katsuwonus pelamis*) landings made by Sri Lankan fishing vessels operated during 2005-2012 with special reference to the nature of the fishing operations (Haputhantri SSK)
 - IOTC-2014-WPTT16-33: Size structure of skipjack (*Katsuwonus pelamis* - Linnaeus 1758) IN FMA 573 (Sulistyaningsih RK & Wujdi A)
 - IOTC-2014-WPTT16-34: *Withdrawn*
 - IOTC-2014-WPTT16-35: Reproductive biology of skipjack tuna (*Katsuwonus pelamis*) in eastern Indian Ocean (Tampubolon PARP, Jatmiko I, Hartaty H & Bahtiar A)
 - IOTC-2014-WPTT16-36: On the movements and stock structure of skipjack (*Katsuwonus pelamis*) in the Indian ocean (Fonteneau A)
- 6.3 Data for input into stock assessments (indicators)
 - IOTC-2014-WPTT16-40: Indicators of stock status for skipjack tuna in the Indian Ocean (Merino G, Murua H, Arrizabalaga H & Santiago J)
 - IOTC-2014-WPTT16-41: Skipjack tuna CPUE trends using alternative indices from the French purse seine logbooks (Marsac F & Floch L)
 - IOTC-2014-WPTT16-42: Maldives skipjack pole and line fishery catch rate standardization 2004-2012: Reconstructing historic CPUE until 1985 (Sharma R, Geehan J & Adam MS)
 - IOTC-2014-WPTT16-50: Tentative sequential population analysis of Indian Ocean skipjack catch at size (Fonteneau A)
- 6.4 Stock assessments
 - IOTC-2014-WPTT16-37: Estimation of Indian Ocean skipjack fisheries' productivity using a catch based method (Merino G, Murua H, Arrizabalaga H, Santiago J & Scott GP)
 - IOTC-2014-WPTT16-43 Rev_1: Indian Ocean Skipjack Tuna Stock Assessment 1950-2013 (Stock Synthesis) (Sharma R & Herrera M)
- 6.5 Selection of Stock Status indicators
- 6.6 Development of technical advice on the status of skipjack tuna
- 6.7 Progress on the development of Management Strategy Evaluation (MSE) and Harvest Control Rules (HCR) for skipjack tuna
 - IOTC-2014-WPTT16-38: Size based indicators of performance of Indian Ocean skipjack tuna towards developing specifically built Harvest Control Rules (Merino G, Murua H, Arrizabalaga H & Santiago J)
 - IOTC-2014-WPTT16-39: Management strategy evaluation for Indian ocean skipjack tuna : first steps (Bentley N & Adam MS)

7. YELLOWFIN TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 7.1 Review of the statistical data available for yellowfin tuna (IOTC Secretariat)
- 7.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for yellowfin tuna (CPC papers)
 - IOTC-2014-WPTT16-44: Distribution and biological aspect of yellowfin tuna (*Thunnus albacares*) caught by Indonesian tuna longline in the eastern Indian Ocean (Wujdi A, Jatmiko I, Setyadji B, Sulistyaningsih RK, Novianto D, Rochman F, Bahtiar A & Hartaty H)
 - IOTC-2014-WPTT16-45 Rev_2: A comparison of biological characteristics of yellowfin tuna (*Thunnus albacares*) in the Western and Central Indian Ocean (Liu H, Song L, Chen H & Li Y)

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- IOTC–2014–WPTT16–46: Weight-weight, length-weight relationships and condition factor of yellowfin tuna (*Thunnus albacares*) in eastern Indian Ocean (Jatmiko I, Hartaty H & Nugraha B)
 - 7.3 Data for input into stock assessments (indicators)
 - IOTC–2014–WPTT16–47 Rev_1: Japanese longline CPUE for yellowfin tuna in the Indian Ocean up to 2013 standardized by generalized linear model (Ochi D, Matsumoto T, Okamoto H & Kitakado T)
 - IOTC–2014–WPTT16–48: Exploration of area stratification for CPUE standardization of yellowfin tuna by Japanese longline (Satoh K)
 - IOTC–2014–WPTT16–49: CPUE standardization of yellowfin tuna caught by Korean tuna longline fishery in the Indian Ocean (Lee SI, Kim ZG, Lee MK, Jeong YK & Lee DW)
 - 7.4 Stock assessments
 - 7.5 Selection of Stock Status indicators
 - 7.6 Development of technical advice on the status of yellowfin tuna

8. EFFECT OF PIRACY ON TROPICAL TUNA CATCHES

9. RESEARCH RECOMMENDATIONS AND PRIORITIES

- 9.1 Revision of the WPTT Program of Work (2015–2019)
 - IOTC–2014–WPTT16–08: Revision of the WPTT Program of Work (2015–2019) (IOTC Secretariat)
- 9.2 Development of priorities for an Invited Expert at the next WPTT meeting

10. OTHER BUSINESS

- 10.1 Election of a Chairperson of the WPTT for the next biennium
- 10.2 Date and place of the 17th Session of the WPTT
- 10.3 Review of the draft, and adoption of the Report of the 16th Session of the WPTT