
**DRAFT: ANNOTATED AGENDA FOR THE 20TH WORKING PARTY ON
TROPICAL TUNAS**

LAST UPDATED: 05 OCTOBER 2018

Date: 29 October – 03 November 2018

Location: Seychelles

Venue: (TBC)

Time: 09:00 – 17:00 daily

Chair: Dr Shiham Adam (Maldives) **Vice-Chair:** Dr Gorka Merino (EU, Spain)

- 1. OPENING OF THE MEETING (Chair)**
- 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION (Chair)**
 - IOTC-2018-WPTT20-01a Draft: Agenda of the 19th Working Party on Tropical Tunas
 - IOTC-2018-WPTT20-01b Draft: Annotated agenda of the 19th Working Party on Tropical Tunas
 - IOTC-2018-WPTT20-02 Draft: List of documents for the 19th Working Party on Tropical Tunas
- 3. THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1 Outcomes of the 20th Session of the Scientific Committee (IOTC Secretariat)**
 - IOTC-2018-WPTT20-03 Outcomes of the 20th Session of the Scientific Committee (IOTC Secretariat)
 - 3.2 Outcomes of the 22nd Session of the Commission (IOTC Secretariat)**
 - IOTC-2018-WPTT20-04 Outcomes of the 22nd Session of the Commission (IOTC Secretariat)
 - 3.3 Review of Conservation and Management Measures relevant to tropical tunas (IOTC Secretariat)**
 - IOTC-2018-WPTT20-05 Review of Conservation and Management Measures relevant to tropical tuna (IOTC Secretariat)
 - 3.4 Progress on the recommendations of WPTT19 (IOTC Secretariat)**
 - IOTC-2018-WPTT20-06 Progress made on the recommendations of WPTT19 (IOTC Secretariat)
 - 3.5 Outcomes of the 2nd Technical Committee on Management Procedures (TCMP02) (IOTC Secretariat)**
 - IOTC-2018-WPTT20-07 Outcomes of the 2nd Technical Committee on Management Procedures (IOTC Secretariat)
- 4. NEW INFORMATION ON FISHERIES AND ASSOCIATED ENVIRONMENTAL DATA RELATING TO TROPICAL TUNAS**
 - 4.1 Review of the statistical data available for tropical tunas (IOTC Secretariat)**
 - IOTC-2018-WPTT20-08 Review of the statistical data and fishery trends for tropical tunas (IOTC Secretariat)
 - 4.2 Review new information on fisheries and associated environmental data (general CPC papers)**
 - IOTC-2018-WPTT20-10: Outline of climate and oceanic conditions in the Indian Ocean: update to mid-2018 (Marsac F and Demarcq H).
 - IOTC-2018-WPTT20-11: Trends of Tropical Tuna catch in Iran (Akhondi M.)
 - IOTC-2018-WPTT20-12: Transshipment of tuna at Port Louis and analysis of the catch of foreign tuna longliners licensed in Mauritius (Shung C L and Sheikmamode A)
 - IOTC-2018-WPTT20-13: Status of fisheries of yellowfin and skipjack in Pakistan (Khan M.)
 - IOTC-2018-WPTT20-14: Timeline and story of the Spanish purse seiner fishery targeting on tropical tuna from Indian Ocean: a historical review (Báez J C, Ramos M L, Aritz J, Cort J L, Herrera M, Rojo V, Fernández F, Pascual-Alayón P J, Déniz S and Abascal F).

- IOTC–2018–WPTT20–15: Updating the statistics of the EU-Spain purse seine fleet in the Indian Ocean (1990-2017) (Báez J C, Fernández F, Pascual-Alayón P J, Ramos M L, Déniz S and Abascal F).
- IOTC–2018–WPTT20–16: Assessment of accuracy in processing purse seine tropical tuna catches with T3 methodology (Duparc A., Cauquil P., Depetris M., Floch L., Gaertner D., Lebranchu J., Marsac F., Bach P).
- IOTC–2018–WPTT20–17: On the Potential Biases of Scientific Estimates of Catches of Tropical Tunas of Purse Seiners the EU and Other Countries Report to the ICCAT and IOTC (Herrera M and Baez J C.)
- IOTC–2018–WPTT20–18: Attempt incorporating oceanographic conditions into CPUE standardization using HSI (Habitat Suitability Index) (Nishida T. et al.)
- IOTC–2018–WPTT20–19: Determining CPUEs of surface vs sub-surface gear settings in Tuna gillnet fisheries of Pakistan (Shahid U).
- IOTC–2018–WPTT20–20: Best standards for data collection and reporting requirements on FOBs: towards a science-based FOB fishery management (Grande M, Baez J.C., Ramos M.L., Ruiz J., Krug I., Zudaire I., Santiago J., Pascual P., Abascal F., Gaertner D., Cauquil P., Floch L., Maufroy A., Muniategi A., Herrera M., Murua H).
- IOTC–2018–WPTT20–21: Using FADs to Develop Better Abundance Indices for Tropical Tuna (Moniz, Morón J and Herrera M).
- IOTC–2018–WPTT20–22: Which is the best definition for the biodegradable FADs? (Zudaire I, Grande M, Suarez M.J., Retolaza J, Santiago J, Murua J, Tolloti M.T., Dagorn L, Ramos M.L., Baez J.C., Moreno G, Murua H).
- IOTC–2018–WPTT20–23: The use of instrumented buoys to monitor the activity of the purse seine fleet fishing on FADs (Grande M., Santiago J., Ruiz J., Zudaire I., Murua J., Krug I., Guery L., Gaertner D., Justel A., Maufroy, A., Moniz I., Baéz J.C, Ramos M.L., Murua H).
- IOTC–2018–WPTT20–24: Fluid dynamics analysis of Fish Aggregation Device using particle image velocimetry (Lee K, Kim D-N, Lee S-I)
- IOTC–2018–WPTT20–25: Recent Advances on the Use of Supervised Learning Algorithms for Detecting Tuna Aggregations Under FADS from Echosounder Buoys Data (Baidai Y, Amade J, Gaertner D, Dagorn L, Capello M)
- IOTC–2018–WPTT20–26: The code of good practices as a mitigation measure: a quantitative assessment (Grande M., Ruiz J., Krug I., Arregi I., Goñi N., Murua J., Santiago J., Murua H).
- IOTC–2018–WPTT20–27: Progress on project to develop a spatial operating model of the tropical tuna population, incorporating tagging data for evaluating assessment bias (Hoyle S D and Mormede S).

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

5.1 Review of the statistical data available for bigeye tuna (IOTC Secretariat)

5.2 Review new information on bigeye tuna biology, ecology, stock structure, their fisheries and associated environmental data (CPC papers)

5.3 Review of new information on the status of bigeye tuna (all)

- **Nominal and standardised CPUE indices**

- IOTC–2018–WPTT20–28: Updated information on catch and effort of bigeye tuna (*Thunnus obesus*) from Indonesian tuna longline fishery (Hartaty H, Setyadji B and Fahmi Z.)
- IOTC–2018–WPTT20–29: Japanese longline CPUE for bigeye tuna in the Indian Ocean standardized by GLM (Matsumoto T et al).

- **Stock assessments**

- IOTC–2018–WPTT20–30: Stock assessment and management advice of bigeye tuna (*Thunnus obesus*) in Indian Ocean: implication of considering bias in catch data (Li Y).

- **Selection of Stock Status indicators for bigeye tuna**

5.4 Update on Management Strategy Evaluation Progress (OM formulation)

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- IOTC–2018–WPTT20–31: Identification of purse seine industry concerns regarding the adoption of Harvest Strategies and Harvest Control Rules for IOTC's tropical tunas (de Andrés M, Iriondo A, Merino G, Murua H and Santiago J).
 - IOTC–2018–WPM09–09: Update on IOTC Bigeye Tuna Operating Model Development October 2018 (Kolody D and Jumppanen P)
- 5.5 Development of management advice for bigeye tuna (all)**
- 5.6 Update of bigeye tuna Executive Summary for the consideration of the Scientific Committee (all)**
- 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 skipjack tuna biology, ecology, stock structure, their fisheries and associated environmental data (CPC papers)**
- IOTC–2018–WPTT20–32: Indian Ocean Skipjack Purse Seine Catchability Trends Estimated from Bigeye and Yellowfin Assessments (Kolody D and Jumppanen P)
- 6.3 Review of new information on the status of skipjack tuna (all)**
- Nominal and standardised CPUE indices
 - Stock assessments
 - Selection of Stock Status indicators for skipjack tuna
- 6.4 Update on Management Strategy Evaluation Progress (OM formulation)**
- 6.5 Development of management advice for skipjack tuna (all)**
- 6.6 Update of skipjack tuna Executive Summary for the consideration of the Scientific Committee (all)**
- 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 yellowfin tuna biology, ecology, stock structure, their fisheries and associated environmental data (CPC papers)**
- IOTC–2018–WPTT20–33: Super spool line shooter operation parameters optimization——A case study on targeting yellowfin tuna in the Indian Ocean (Song L).
 - IOTC–2018–WPTT20–34: Review of Yellowfin Tuna Fisheries in the Maldives (Ahusan M and Adam M.S)
- 7.3 Review of new information on the status of yellowfin tuna (all)**
- Nominal and standardised CPUE indices
- IOTC–2018–WPTT20–35: Updated CPUE standardizations for bigeye and yellowfin tuna caught by Taiwanese longline fishery in the Indian Ocean using generalized linear model (Yeh Y-M, Hoyle S.D and Chang S-T).
 - IOTC–2018–WPTT20–36: Standardisation of yellowfin tuna CPUE for the EU purse seine fleet operating in the Indian Ocean (Katara I, Gaertner D, Marsac F, Grande M, Kaplan D, Urtizbera A, Guery L, Depetris M, Duparc A, Floch L, Lopez J and Abascal F).
 - IOTC–2018–WPTT20–37: Standardization of bigeye and yellowfin tuna CPUE by Japanese longline in the Indian Ocean which includes cluster analysis (Matsumoto T et al.)
 - IOTC–2018–WPTT20–38: Japanese longline CPUE for yellowfin tuna in the Indian Ocean standardized by generalized linear model (Matsumoto T et al.)
 - IOTC–2018–WPTT20–39: CPUE standardization of yellowfin tuna caught by Korean tuna longline fishery in the Indian Ocean (Lee S-I, Kim D-N, Hoyle S D).
 - IOTC–2018–WPTT20–40: Bayesian Skipjack and Yellowfin Tuna CPUE Standardisation Model for Maldives Pole and Line 1970-2016 (Medley P, Ahusan M and Adam M.S.)
 - IOTC–2018–WPM09–12: Collaborative study of yellowfin tuna CPUE from multiple Indian Ocean longline fleets in 2018 (Hoyle S D, Chassot E, Fu D, Kim D N, Lee S I, Matsumoto T, Satoh K, Wang S-P, Yeh Y-M, and Kitakado T)
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- **Stock assessments**

- IOTC–2018–WPTT20–41: Preliminary stock assessment of Indian Ocean yellowfin tuna using SCAA (Statistical-Catch-At-Age) (Nishida T. et al.)
- IOTC–2018–WPTT20–42: Diagnoses for stock synthesis model on yellowfin tuna in the Indian Ocean (Matsumoto T et al.)
- IOTC–2018–WPTT20–43: Prospects for an effort-based management of Indian Ocean yellowfin stock (Merino G, Urtizberea A, Murua H, Santiago J, Prellezo R, Abascal F).

- **Selection of Stock Status indicators for yellowfin tuna**

7.4 Update on Management Strategy Evaluation Progress (OM formulation)

- IOTC–2018–WPM09–10: Update on IOTC Yellowfin Tuna Operating Model Development October 2018 (Kolody D and Jumppanen P)
- IOTC–2018–WPM09–11: IOTC Bigeye and Yellowfin Management Procedure Evaluation Progress October 2018 (Kolody D and Jumppanen P)

7.5 Development of management advice for yellowfin tuna (all)

7.6 Update of yellowfin tuna Executive Summary for the consideration of the Scientific Committee (all)

8. DEVELOPMENT OF OPTIONS FOR ALTERNATIVE MANAGEMENT MEASURES FOR TROPICAL TUNAS IN THE IOTC AREA OF COMPETENCE

9. WPTT PROGRAM OF WORK

9.1 Revision of the WPTT Program of Work (2019–2023)

- IOTC–2018–WPTT20–09 Revision of the WPTT Program of Work (2019–2023) (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 and a Vice-Chairperson for the next biennium (IOTC Secretariat)
- 10.2 Date and place of the 21st and 22nd Sessions of the WPTT (Chair and IOTC Secretariat)
- 10.3 Review of the draft, and adoption of the Report of the 20th Session of the WPTT (Chair)