
ANNOTATED AGENDA FOR THE 24TH WORKING PARTY ON TROPICAL TUNAS: DATA PREPARATORY MEETING

Last updated: 20 May 2022

Date: 30 May - 3 June 2022

Location: Online

Venue: Virtual

Time: 12:00 – 16:00 (Seychelles time)

Chair: Dr Gorka Merino (European Union); **Vice-Chair:** Dr Shiham Adam (IPNLF)

1. OPENING OF THE MEETING (Chair)

2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION (Chair)

- IOTC-2022-WPTT24(DP)-01a: Draft: Agenda of the 24th Working Party on Tropical Tunas (DP)
- IOTC-2022-WPTT24(DP)-01b: Draft: Annotated agenda of the 24th Working Party on Tropical Tunas (DP)
- IOTC-2022-WPTT24(DP)-02: Draft: List of documents for the 24th Working Party on Tropical Tunas (DP)

3. THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS

3.1 Outcomes of the 24th Session of the Scientific Committee (IOTC Secretariat)

- IOTC-2022-WPTT24(DP)-03 Outcomes of the 24th Session of the Scientific Committee (IOTC Secretariat)

3.2 Outcomes of the 25th Session of the Commission (IOTC Secretariat)

- IOTC-2022-WPTT24(DP)-04: Outcomes of the 25th Session of the Commission (IOTC Secretariat)

3.3 Review of Conservation and Management Measures relevant to tropical tunas (IOTC Secretariat)

- IOTC-2022-WPTT24(DP)-05: Review of Conservation and Management Measures relevant to tropical tuna (IOTC Secretariat)

3.4 Progress on the recommendations of WPTT23 (IOTC Secretariat)

- IOTC-2022-WPTT24(DP)-06 Progress made on the recommendations of WPTT23 (IOTC Secretariat)

4 REVIEW OF THE DATA AVAILABLE AT THE SECRETARIAT FOR TROPICAL TUNA SPECIES (IOTC Secretariat)

- IOTC-2022-WPTT24(DP)-07 Review of bigeye tuna statistical data (IOTC Secretariat)

5 NEW INFORMATION ON BIOLOGY, ECOLOGY, FISHERIES AND ENVIRONMENTAL DATA RELATING TO TROPICAL TUNAS (Chair)

5.1 Review new information on the biology, stock structure, their fisheries and associated environmental data for bigeye tuna:

- Catch and effort
- Observer data
- Catch at size
- Catch at age
- Biological indicators, including age-growth curves and age-length keys
- IOTC-2022-WPTT24(DP)-08 Updated outline of climate and oceanic conditions to March 2022 for the Indian Ocean, with perspectives on climate change effects on fish catch potential in Maldives and in three coastal upwelling systems (Marsac F)

- IOTC-2022-WPTT24(DP)-09 A preliminary report on Estimates of fecundity, age at maturity, sex ratios, spawning season, and spawning fraction for yellowfin tuna to be provided to the Working Party on Tropical Tunas (Zudaire I, Artetxe-Arrate I, Farley J, Murua H, Kukul D, Vidot A, Abdul Razzaque S, Ahusan M, Romanov E, Eveson P, Clear N, Luque P, Fraile I, Bodin N, Chassot E, Govinden R, Ebrahim A, Shahid U, Marsac F and Merino G)
- IOTC-2022-WPTT24(DP)-10 A preliminary report on Estimates of fecundity, age at maturity, sex ratios, spawning season, and spawning fraction for skipjack tuna to be provided to the Working Party on Tropical Tunas. (Zudaire I, Artetxe-Arrate I, Farley J, Murua H, Kukul D, Vidot A, Abdul Razzaque S, Ahusan M, Romanov E, Eveson P, Clear N, Luque P, Fraile I, Bodin N, Chassot E, Govinden R, Ebrahim A, Shahid U, Marsac F and Merino G)

6 REVIEW OF NEW INFORMATION ON THE STATUS OF TROPICAL TUNAS (Chair)

6.1 Review of fishery dynamics by fleet (CPCs).

- IOTC-2022-WPTT24(DP)-11 Tropical tuna fisheries of Pakistan-status and trends (Moazzam M)

6.2 Nominal and standardised CPUE indices.

- IOTC-2022-WPTT24(DP)-12 European purse seiners CPUE standardization of Big Eye tuna caught under dFADs (Akia S, Guery L, Grande M, Kaplan D, Baéz J.C, Ramos M. L, Uranga J, Abascal F, Santiago J, Merino G and Gaertner D)
- IOTC-2022-WPTT24(DP)-13 Associative-behavior abundance index (ABBI) for Bigeye tuna in the Western Indian Ocean obtained from echosouder buoys data (Baidai Y, Dagorn L, Gaertner D, Deneubourg J-L, Duparc A, Floch L, and Capello M.)
- IOTC-2022-WPTT24(DP)-14 Standardization of bigeye tuna CPUE by Japanese longline fishery in the Indian Ocean (Matsumoto T)
- IOTC-2022-WPTT24(DP)-15 Joint CPUE indices for the bigeye tuna in the Indian Ocean based on Japanese, Korean and Taiwanese longline fisheries data up to 2022 (Kitakado T, Wang S-P, Matsumoto T, Lee SI, Tsai W-P, Satoh K, Yokoi H, Okamoto K, Lee MK, Lim J-H, Kwon Y, Su N-J, Chang S-T and Chang F-C)

6.3 Input data required for the adopted BET Management Procedure

7 BIGEYE STOCK ASSESSMENT (Chair)

7.1 Discussion on bigeye assessment models to be developed and their specifications.

7.2 Identification of data inputs for the different assessment models and advice framework.

- IOTC-2022-WPTT24(DP)-16 Assessing the impact of the growth on estimates of fishing mortality for the Indian Ocean bigeye tuna (Fu D)
- IOTC-2022-WPTT24(DP)-17 Proposed natural mortality ogives for the Indian Ocean bigeye tuna stock assessment (Hoyle S)
- IOTC-2022-WPTT24(DP)-18 A preliminary report on Estimates of fecundity, age at maturity, sex ratios, spawning season, and spawning fraction for bigeye tuna to be provided to the Working Party on Tropical Tunas. (Zudaire I, Artetxe-Arrate I, Farley J, Murua H, Kukul D, Vidot A, Abdul Razzaque S, Ahusan M, Romanov E, Eveson P, Clear N, Luque P, Fraile I, Bodin N, Chassot E, Govinden R, Ebrahim A, Shahid U, Marsac F and Merino G)

7.3 Fishery indicators

- IOTC-2022-WPTT24(DP)-INF02 Indicators of stock status for skipjack tuna in the Indian Ocean (de Bruyn P and Murua H)
- IOTC-2022-WPTT24(DP)-INF03 Indicators of stock status for skipjack tuna in the Indian Ocean (Merino G, Murua H, Arrizabalaga H and Santiago J)

8 OTHER MATTERS (Chair)

8.1 Use of model diagnostics in the WPTT.

- IOTC-2022-WPTT24(DP)-19 Analysis of recruitment deviates of tropical tuna stock assessments (Merino, G., A. Urtizbera, D. Fu, H. Winker, M. Cardinale, M.V. Laretta, H. Murua, T. Kitakado, H. Arrizabalaga, R. Scott, G. Pilling, C. Minte-Vera, H. Xui, A. Laborda, M. Erauskin-Extramiana, A. Uriarte, J. Santiago)

8.2 External review of the yellowfin stock assessment.

9 REVIEW OF THE DRAFT, AND ADOPTION OF THE REPORT OF THE 24th SESSION OF THE WORKING PARTY ON TROPICAL TUNAS (DATA PREPARATORY) (Chair)