

**DRAFT: LIST OF DOCUMENTS FOR THE 22ND WORKING PARTY ON TROPICAL TUNAS
(ASSESSMENT MEETING)**

LAST UPDATED: 08 OCTOBER 2020

Document	Title
IOTC-2020-WPTT22(AS)-01a	Draft: Agenda of the 22 nd Working Party on Tropical Tunas (Assessment Meeting)
IOTC-2020-WPTT22(AS)-01b	Draft: Annotated agenda of the 22 nd Working Party on Tropical Tunas (Assessment Meeting)
IOTC-2020-WPTT22(AS)-02	Draft: List of documents for the 22 nd Working Party on Tropical Tunas (Assessment Meeting)
IOTC-2020-WPTT22(AS)-03	Review of the statistical data and fishery trends for tropical tunas (IOTC Secretariat)
IOTC-2020-WPTT22(AS)-04	Revision of the WPTT Program of Work (2021-2025) (IOTC Secretariat)
IOTC-2020-WPTT22(AS)-05	Investigating early stages of skipjack tuna (<i>Katsuwonus pelamis</i>) in the Indian Ocean using otolith chemistry (Artetxe-Arrate I, Fraile I, Rodríguez-Ezpeleta N, Farley J, Darnaude A M, Clear N, Dettman D, Pécheyran C, Eveson P, Krug I, Nikolic N, Médieu A, Landsdell M, Ahusan M, Proctor C, Priatna A, Lestari P, Taufik M, Usmani H, Zehra K, Khan M, Shahid M, Kazmi S, Islam S, Tariq M, Zafar S, Zaidi J, Marsac F, Davies C, and Murua H)
IOTC-2020-WPTT22(AS)-06	Otolith $\delta^{18}O$ as a tracer of yellowfin tuna (<i>Thunnus albacares</i>) origin in the Indian Ocean (Artetxe-Arrate I, Fraile I, Farley J, Clear N, Darnaude AM, Dettman D, Eveson P, Krug I, Nikolic N, Médieu A, Ahusan M, Landsdell M, Proctor C, Priatna A, Lestari P, Taufik M, Parker D, Usmani H, Zehra K, Khan M, Shahid U, Kazmi S, Islam S, Tariq M, Zafar S, Zaidi J, Davies C, Marsac F and Murua H)
IOTC-2020-WPTT22(AS)-07	Co-occurrence of genetically isolated groups of skipjack tuna (<i>Katsuwonus pelamis</i>) within the Indian Ocean (Rodríguez-Ezpeleta N, Artetxe-Arrate I, Mendibil I, Díaz-Arce N, Krug I, Ruiz J, Nikolic N, Medieu A, Pernak M, Farley J, Grewe P, Lansdell M, Aulich J, Clear N, Proctor C, Wudianto, Ruchimat T, Fahmi Z, Satria F, Lestari P, Taufik M, Priatna A, Zamroni A, Davies C, Marsac F, Fraile I, Murua H)
IOTC-2020-WPTT22(AS)-08	Reproductive Biology of Skipjack Tuna (<i>Katsuwonus pelamis</i>) in Indonesian Exclusive Economic Zone (Hartaty H, Setyadji B and Fahmi Z)
IOTC-2020-WPTT22(AS)-09	Plan of trilateral collaborative study among Japan, Korea and Taiwan for producing joint abundance index with longline fisheries data for the tropical tuna species in the Indian Ocean (Kitakado T, Satoh K, Matsumoto T, Yokoi H, Okamoto K, Lee S-I, Kyung Lee M, Lim J-H, Wang S-P, Su N-J, Tsai W-P and Chang S-T)
IOTC-2020-WPTT22(AS)-10	Preliminary Indian Ocean Skipjack Stock Assessment (Stock Synthesis) (Fu D)
IOTC-2020-WPTT22(AS)-11	Investigating population structure of bigeye tuna in the Indian Ocean using otolith chemistry (Clear N, Eveson P, Darnaude AM, Labonne M, Artetxe-Arrate I, Fraile I, Farley J, Grewe P, Lestari P, Taufik M, Zamroni A, Priatna A, Aulich J, Lansdell M, Lozano-Montes H, Danyushevsky L, Fahmi Z, Wudianto, Murua H, Marsac F and Davies C)
IOTC-2020-WPTT22(AS)-12	Genetic population connectivity of yellowfin tuna within the Indian Ocean (Grewe P, Feutry P, Foster S, Aulich J, Lansdell M, Cooper S, Clear N, Farley J, Nikolic N, Krug I, Mendibil I, Ahusan M, Parker D, Wudianto, Ruchimat T, Satria F, Lestari P, Taufik M, Fernando D, Priatna A, Zamroni A, Rodríguez-Ezpelet N, Artetxe-Arrate I, Fahmi Z, Murua H, Marsac F, Davies C)
IOTC-2020-WPTT22(AS)-13	Improved version of the tropical tuna treatment process: new perspectives for catch estimates of tropical purse seine fishery (Duparc A., Depetris M., Cauquil P., Floch L., Lebranchu J.)

Document	Title
IOTC-2020-WPTT22(AS)-14	Are sets on tropical tuna not associated with floating objects really free schools sets? Implications on fishing effort (Báez J-C, González-Carballo M, Lourdes Ramos M and Deniz S)
IOTC-2020-WPTT22(AS)-15	Combined effect of PDO/ENSO on YFT catches in Indian Ocean: the case of Spanish purse seiner fisheries (Báez J-C, Ramos M, González-Carballo M and Czerwinski I)
IOTC-2020-WPTT22(AS)-16	Evidence of connectivity of bigeye tuna (<i>Thunnus obesus</i>) throughout the Indian Ocean inferred from genome-wide genetic markers (Díaz-Arce N, Grewe P, Krug I, Artetxe I, Ruiz J, Nikolic N, Medieu A, Pernak M, Lansdell M, Aulich J, Clear N, Proctor C, Wudianto, Ruchimat T, Fahmi Z, Satria F, Lestari P, Taufik M, Priatna A, Zamroni A, Farley J, Davies C, Marsac F, Fraile F, Murua H, Rodríguez-Ezpeleta N)
IOTC-2020-WPTT22(AS)-17	Quantifying the increase infishing efficiency due to the use of drifting FADs equipped with echo-sounders in tropical tuna purse seine fisheries (Kaplan D, Wain G, Guery L, and Gaertner D)
IOTC-2020-WPTT22(AS)-18	Developing management advice to rebuild the Indian Ocean yellowfin tuna (<i>Thunnus albacares</i>) stock in two generations (Global tuna alliance)
IOTC-2020-WPTT22(AS)-19	Development of spatially explicit operating models for yellowfin tuna populations in the Indian Ocean (Dunn A, Hoyle S and Datta S)
IOTC-2020-WPTT22(AS)-20	Stock Trajectory of Yellowfin Tuna exploited by Iranian fisheries in the Sea of Oman (Eighani M)
IOTC-2020-WPTT22(AS)-21	Preliminary Stock Assessment for Yellowfin Tuna in the Indian Ocean: Hypothesis and Diagnostics (Urtizbera A, Cardinale M, Methot R, Fu D, Fernández C, Winker H, Kitakado T, Merino G).
IOTC-2020-WPTT22(AS)-22	An application of length-based assessment methods to Indian Ocean fisheries for yellowfin tuna (<i>Thunnus albacores</i>) between 1955 and 2015: implications for sustainable fisheries management (Creech S and Gunasekera E)
IOTC-2020-WPM11-11	Indian Ocean Bigeye Tuna Management Procedure Evaluation Update March 2020 (Kolody D, Jumppanen P and Day J)
IOTC-2020-WPM11-12	Indian Ocean Yellowfin Tuna Management Procedure Evaluation Update April 2020 (Kolody D, Day J and Jumppanen P)
IOTC-2020-WPM11-13	A candidate Management Procedure based on a Joint Process and Observation Error Random Effects Production Model (Kolody D and Jumppanen P)
IOTC-2020-WPTT22(AS)-INF01	Summary of activities of the yellowfin tuna workplan (Merino G et al)
IOTC-2020-WPTT22(AS)-INF02	Statistics of the French Purse Seine Fishing Fleet Targeting Tropical Tunas in the Indian Ocean (1981-2019) (Floch L, Depetris M, Duparc A, Kaplan D, Lebranchu J, Marsac F, Pernak M and Bach P)
IOTC-2020-WPTT22(AS)-INF03	Development of the SCAS (Statistical-Catch-At-Size) software (Nishida T, Kitakado T and Odaira Y)
IOTC-2020-WPTT22(AS)-INF04	Standardized purse seine CPUE of skipjack in the Indian Ocean for the European fleet (Guery L)
IOTC-2020-WPTT22(AS)-INF05	Addendum to the Paper IOTC-2020-WPTT22(DP)-11 (Bayesian Skipjack and Yellowfin Tuna CPUE Standardisation Model for Maldives Pole and Line 1970-2019) Presented at the IOTC-2020-WPTT22(DP) Meeting (Medley P, Ahusan M and Adam MS)
IOTC-2020-WPTT22(AS)-INF06	Climatic oscillations effect on the yellowfin tuna (<i>Thunnus albacares</i>) Spanish captures in the Indian Ocean (Baez JC, Czerwinski I and Ramos ML)
IOTC-2020-WPTT22(AS)-INF07	Monitoring of Spanish flagged purse seine fishery targeting tropical tuna in the Indian ocean: Timeline and history (Baez JC, Ramos ML, Herrera M, Murua H, Cort JL, Deniz S, Rojo V, Ruiz J, Pascual-Alayon P, Muniategi A, Perez San Juan A, Ariz J, Fernandez F and Abascal F)