
DRAFT: AGENDA FOR THE 16TH WORKING PARTY ON BILLFISH

Updated: 3rd September 2018

Date: 4-8 September 2018

Location: Cape Town, South Africa

Venue: Protea Hotel, Victoria Junction

Time: 09:00 - 17:00 daily

Chair: Dr Rui Coelho (EU,Portugal); **Vice-Chair:** Dr Evgeny Romanov (EU,France)

1. **OPENING OF THE MEETING** (Chairperson)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
 - IOTC-2018-WPB16-01a: Draft: Agenda for the 16th Working Party on Billfish
 - IOTC-2018-WPB16-01b: Draft: Annotated agenda for the 16th Working Party on Billfish
 - IOTC-2018-WPB16-02: Draft: List of documents for the 16th Working Party on Billfish
3. **THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1. Outcomes of the 20th Session of the Scientific Committee (IOTC Secretariat)
 - IOTC-2018-WPB16-03: Outcomes of the 20th Session of the Scientific Committee
 - 3.2. Outcomes of the 22nd Session of the Commission (IOTC Secretariat)
 - IOTC-2018-WPB16-04: Outcomes of the 22th Session of the Commission
 - 3.3. Review of Conservation and Management Measures relevant to billfish (IOTC Secretariat)
 - IOTC-2018-WPB16-05: Review of Conservation and Management Measures relevant to billfish
 - 3.4. Progress on the recommendations of WPB15 (IOTC Secretariat)
 - IOTC-2018-WPB16-06_Rev1: Progress made on the recommendations and requests of WPB15 and SC20 (IOTC Secretariat)
4. **NEW INFORMATION ON FISHERIES AND ASSOCIATED ENVIRONMENTAL DATA FOR BILLFISH**
 - 4.1. Review of the statistical data available for billfish (IOTC Secretariat)
 - IOTC-2018-WPB16-07: Review of the statistical data and fishery trends for billfish species
 - 4.2. Review new information on fisheries and associated environmental data (general CPC papers)
 - IOTC-2018-WPB16-09: Comparing the biology of four billfish species in the Indian Ocean based on Chinese longline observer data (Zhou C, Wang X, Wu F, Xu L, Zhu J)
 - IOTC-2018-WPB16-10: Billfish by-catches of the Iran gillnet fishery in the IOTC area – an update (Rejaei F) - WITHDRAWN
 - IOTC-2018-WPB16-11: High seas billfish catches by Kenyan longliner (Ndoro C, Ndegwa S)
 - IOTC-2018-WPB16-21: Billfishes landings in Phuket ports by foreign vessel 2017 (Maeroh K, Hoimuk S, Somkliang N, Rodpradit S)
 - IOTC-2018-WPB16-22: Revision to IOTC scientific estimates for Indonesia's small-scale longline catches (Geehan J, Setyadji B)
 - IOTC-2018-WP16-27: Status of Billfish fisheries of Pakistan (Moazzam M)
 - 4.3. New information on sport fisheries (all)
 - IOTC-2018-WPB16-24: An assessment of the 2016 -2017 IOTC project on acquisition of catch-and-effort and size data from sport fisheries in the Western Indian Ocean (Kadagi N)
5. **MARLINS (Priority species for 2018: Black marlin and Striped marlin)**
 - 5.1. Review new information on marlin biology, stock structure, fisheries and associated environmental data (all)

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- IOTC-2018-WPB16-20: Genetic population structure of striped marlin (*Kajikia audax*) in the Indian Ocean (Mamoozadeh R, McDowell J-R, Graves J-E)
- 5.2. Review of any biological data in support of retention and transshipment bans for specimen below a minimum size, as per recent IOTC Resolutions (all)
 - 5.3. Review of new information on the status of marlins (all)
 - Nominal and standardised CPUE indices
 - IOTC-2018-WPB16-12: Update on standardized CPUE indices for Black marlin (*Makaira indica*) caught by Indonesian tuna longline fishery in the Eastern Indian Ocean (Setyadji B, Sadiyah L, Wibawa T-A, Fahmi Z)
 - IOTC-2018-WPB16-17: CPUE standardization of black marlin (*Makaira indica*) caught by Taiwanese large scale longline fishery in the Indian Ocean (Wang S-P)
 - IOTC-2018-WPB16-18: CPUE standardization of striped marlin (*Tetrapturus audax*) caught by Taiwanese large scale longline fishery in the Indian Ocean (Wang S-P)
 - IOTC-2018-WPB16-25: Standardized CPUE of the Indian Ocean striped marlin (*Tetrapturus audax*) caught by Japanese longline fishery: Update analysis between 1994 and 2017 (Ijima H)
 - IOTC-2018-WPB16-26: Standardized CPUE of the Indian Ocean black marlin (*Istiompax indica*) caught by Japanese longline fisheries (Ijima H)
 - Stock assessments
 - IOTC-2018-WPB16-15: Bayesian State-Space Surplus Production Model *JABBA* assessment of Indian Ocean Black marlin (*Makaira indica*) stock (Parker D, Winker H, Da Silva C, Kerwath S)
 - IOTC-2018-WPB16-16_Rev1: Bayesian State-Space Surplus Production Model *JABBA* assessment of Indian Ocean Striped marlin (*Tetrapturus audax*) stock (Parker D, Winker H, Da Silva C, Kerwath S)
 - IOTC-2018-WPB16-19: Stock assessment of striped marlin (*Tetrapturus audax*) in the Indian Ocean using the Stock Synthesis (Wang S-P)
 - Selection of Stock Status indicators for marlins
 - 5.4. Development of management advice for marlins and update of marlin species Executive Summaries for the consideration of the Scientific Committee, including discussion on current catch limits as per standing IOTC Resolutions (all)

6. OTHER BILLFISHES (new information for informing future assessments)

- 6.1. Review of new information on other billfishes (swordfish, other marlins, I.P. sailfish) biology, stock structure, fisheries and associated environmental data (all)
 - IOTC-2018-WPB16-13_Rev1: Monsoon and temperature effects on sword fish (*Xiphias gladius*) catches in the high seas of Indian Ocean: A case study in high seas longline fishery of Sri Lanka (Bandaranayake K, Weerasekera S, Jayathilaka R, Haputhantri S)
 - IOTC-2018-WPB16-14: Developing surplus production model priors from a multivariate life history prediction model for IOTC billfish assessments with limited biological information (Winker H)
 - IOTC-2018-WPB16-23: A mathematical approach to understanding billfish population dynamics: a focus on Sailfish in Kenyan waters (Kadagi N)
- 6.2. Review of any biological data in support of retention and transshipment bans for specimen below a minimum size, as per recent IOTC Resolutions (all)
- 6.3. Review of new information on the status of other billfishes (swordfish, other marlins, IP sailfish) (all)
 - Nominal and standardised CPUE indices
 - Other indicators

7. DEVELOPMENT OF OPTIONS FOR ALTERNATIVE MANAGEMENT MEASURES (INCLUDING CLOSURES) FOR BILLFISH IN THE IOTC AREA OF COMPETENCE

8. WPB PROGRAM OF WORK

- 8.1. Revision of the WPB Program of Work (2019-2023) (Chairperson and IOTC Secretariat)
 - IOTC-2018-WPB16-08: Revision of the WPB Program of Work (2018-2022)

- 8.2. Development of priorities for an Invited Expert at the next WPB meeting (Chairperson)

9. OTHER BUSINESS

- 9.1. Date and place of the 17th and 18th Sessions of the Working Party on Billfish (Chairperson and IOTC Secretariat)
- 9.2. Review of the draft, and adoption of the Report of the 16th Session of the Working Party on Billfish (Chairperson)