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**DRAFT: ANNOTATED AGENDA FOR THE 12<sup>th</sup> WORKING PARTY ON METHODS****UPDATED: 14 SEPTEMBER 2021**

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**Date:** 18-20 October 2021**Location:** Online**Venue:** Microsoft Teams**Time:** 12:00 – 16:00 (Seychelles time) daily**Chairperson:** Dr. Hilario Murua; **Vice-Chairperson:** Daniela Rosa

- 1. OPENING OF THE MEETING** (Chairperson)
- 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
  - IOTC–2021–WPM12–01a: Agenda of the 12th Working Party on Methods
  - IOTC–2021–WPM12–01b: Annotated agenda of the 12th Working Party on Methods
  - IOTC–2021–WPM12–02: List of documents of the 12th Working Party on Methods
- 3. THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
  - 3.1 Outcomes of the 23<sup>rd</sup> Session of the Scientific Committee (IOTC Secretariat)
    - IOTC–2021–WPM12–03: Outcomes of the 23rd Session of the Scientific Committee (IOTC Secretariat)
  - 3.2 Outcomes of the 4<sup>th</sup> Session of the Technical Committee on Management Procedures (IOTC Secretariat)
    - IOTC-2021-TCMP04-R: Report of the 4th Session of the Technical Committee on Management Procedures (IOTC Secretariat)
  - 3.3 Outcomes of the 25<sup>th</sup> Session of the Commission (IOTC Secretariat)
    - IOTC–2021–WPM12–04: Outcomes of the 25th Session of the Commission (IOTC Secretariat)
  - 3.4 Review of Conservation and Management Measures relevant to the WPM (IOTC Secretariat)
    - IOTC–2021–WPM12–05: Review of Conservation and Management Measures relating to methods (IOTC Secretariat)
  - 3.5 Progress on the recommendations of WPM11 (IOTC Secretariat and Chairperson)
    - IOTC–2021–WPM12–06: Progress made on the recommendations and requests of WPM11 and SC23 (IOTC Secretariat)
  - 3.6 Review of intersessional meetings related to the IOTC MSE process (Chairperson)
    - 2021 MSE Task Force Meeting
    - IOTC-2021-WPM12(MSE)-R: Report of the 12th Session of the IOTC Working Party on Methods Management Strategy Evaluation Task Force (Anon)
- 4. ALBACORE MSE: UPDATE** (Developers)
  - 4.1 Review of the progress on development new Operating Models based on 2019 ALB stock assessment
    - IOTC–2021–WPM12–08: A new simulation platform for Indian Ocean albacore and swordfish (Mosqueira I)
  - 4.2 Feedback on MSE OM development
    - IOTC–2021–WPM12–09: Update of the Indian Ocean albacore Operating Model (Mosqueira I)
  - 4.3 Future steps and timeline
- 5. SKIPJACK TUNA MSE: UPDATE** (Developers)
  - 5.1 Progress on the development of Skipjack MSE/MP
    - IOTC–2021–WPM12–10: Evaluation of empirical control rules for Indian Ocean Skipjack (Edwards C)
  - 5.2 Review of OM and MP development

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- 5.3 Discussion on MSE development
- 5.4 Future steps and timeline
- 6. BIGEYE TUNA TUNA MSE: UPDATE (Developers)**
- 6.1. Review of Operating Models based on WPM, SC feedback, and latest stock assessment results
- 6.2. Revision of Management Procedures and Performance Indicators
- IOTC–2021–WPM12–11: Indian Ocean Bigeye Tuna Management Procedure Evaluation Update (Hillary R, Williams A, Preece A and Jumppanen)
- 6.3. Evaluation of new set of Management Procedures
- 7. SWORDFISH MSE: UPDATE (Developers)**
- 7.1. Progress on the development of Swordfish MSE/MP
- 7.2. Review the conditioning of Operating Models based on 2020 Stock assessment
- IOTC–2021–WPM12–12: Update of the Indian Ocean swordfish operating model (Rosa D, Fu D, Coelho R and Mosqueira I)
- 7.3. Discussion on MSE development
- 8. YELLOWFIN TUNA TUNA MSE: UPDATE (Developers)**
- 8.1. Review of the progress on development new Operating Models based on 2021 YFT stock assessment
- IOTC–2021–WPM12–13: Indian Ocean yellowfin tuna management procedure evaluation update (Hillary R, Williams A, Preece A and Jumppanen P)
- 8.2. Feedback on MSE OM development
- 8.3. Future steps and timeline
- IOTC–2021–WPM12–14: Work plan for an Indian Ocean yellowfin tuna close-kin mark-recapture design study (Williams A, Hillary R and Preece A)
  - IOTC–2021–WPM12–15: Model-based estimates of Length composition time series for Indian Ocean yellowfin tuna fisheries (Fu D)
- 9. GENERAL MSE ISSUES (Chairperson and Vice-chairperson)**
- 9.1. General discussion (e.g. catch uncertainty)
- 9.2. Consideration of reconditioning OMs based on recent stock assessments
- IOTC–2021–WPM12–16: Strategies for the conditioning of operating models for IOTC stocks (Hillary R, Edwards C, Mosqueira I, Preece A, Rosa D and Williams A)
- 9.3. Consideration of Exceptional Circumstances
- IOTC–2021–WPM12–17: Consideration of Exceptional Circumstances processes in the IOTC (Preece A, Williams A, Hillary R)
- 9.4. MSE capacity building
- 9.5. Internal and External Peer review
- 10. JOINT CPUE STANDARDISATION (Chairperson and Consultant)**
- 10.1. Update on the development of the joint CPUE indices for 2021 & 2020.
- IOTC–2021–WPM12–18: Outcomes of joint CPUE analysis (Kitakado T et al.)
- 10.2. Future workplan
- IOTC–2021–WPM12–19: Rethinking a science-based management of FADs (Capello M et al.)

- IOTC–2021–WPM12–20: Schedule of work for the development of management procedures for key species in the IOTC Area – UPDATE (Australia)

**11. STOCK STATUS GUIDANCE (Chairperson and Vice-chairperson)**

- 11.1. Review the approach used to provide stock status and management advice relative to reference points

**12. WPM PROGRAM OF WORK (Chairperson and IOTC Secretariat)**

- 12.1. Revision of the timeline of the MSE development
- 12.2. Revision of the WPM Program of Work (2021–2025) and research priorities
  - IOTC–2021–WPM12–07: Revision of the WPM Program of Work (2022–2026) (IOTC Secretariat & Chairpersons)

**13. OTHER BUSINESS**

- 13.1. Date and place of the 13<sup>th</sup> and 14<sup>th</sup> Sessions of the WPM (Chairperson and IOTC Secretariat)
- 13.2. Development of priorities for Invited Expert(s) at the next WPM meeting (Chairperson)
- 13.3. Election of a Chairperson and Vice-Chairperson for the next biennium (IOTC Secretariat)
- 13.4. Review of the draft, and adoption of the Report of the 12<sup>th</sup> Session of the WPM (Chairperson)