
DRAFT ANNOTATED AGENDA FOR THE NINTH WORKING PARTY ON BILLFISH

LAST UPDATED: 4 JULY, 2011

Date: 4 – 8 July 2011

Location: Seychelles Fishing Authority Conference Room,
Victoria, Mahé, Seychelles

Time: 09:00 – 17:00 daily

1. **OPENING OF THE MEETING** (Chair)
2. **ADOPTION OF THE AGENDA**
 - IOTC-2011-WPB09-01a: Agenda for the Ninth Working Party on Billfish (Chair)
 - IOTC-2011-WPB09-01b: Annotated agenda for the Ninth Working Party on Billfish (Chair)
 - IOTC-2011-WPB09-02: List of documents (Chair)
3. **OUTCOMES OF THE THIRTEENTH SESSION OF THE SCIENTIFIC COMMITTEE**
 - IOTC-2011-WPB09-03 (Secretariat)
4. **OUTCOMES OF THE FIFTEENTH SESSION OF THE COMMISSION**
 - IOTC-2011-WPB09-04 (Secretariat)
5. **PROGRESS MADE ON THE RECOMMENDATIONS OF WPB08**
 - IOTC-2011-WPB09-05 (Secretariat)
6. **REVIEW OF DATA AVAILABLE ON BILLFISH**
 - IOTC-2011-WPB09-06: Review of the statistical data available for the billfish species (M. Herrera and L. Pierre — Secretariat)
 - IOTC-2011-WPB09-07: Preparation of data input files for the stock assessments of Indian Ocean Swordfish (M. Herrera and L. Pierre — Secretariat)
 - IOTC-2011-WPB09-08: Review of fishery trends for billfish species (Secretariat)
7. **NEW INFORMATION ON BIOLOGY, ECOLOGY, FISHERIES AND ENVIRONMENTAL DATA RELATING TO BILLFISH**
 - 7.1 Review new information on the biology, stock structure, their fisheries and associated environmental data:
 - *Marlins*
 - *Sailfish*
 - *Swordfish*
 - *Southwest Indian Ocean*
 - *Indian Ocean-wide.*
 - IOTC-2011-WPB09-09: Kenyan Sports Fishing Sailfish Catches (S. Ndegwa and M. Herrera)
 - IOTC-2011-WPB09-10: East African billfish conservation and research: marlin, sailfish and swordfish mark-recapture field studies (N. I. Kadagi, T. Harris and N. Conway)
 - IOTC-2011-WPB09-11: Validation of the Global Ocean Data Assimilation System (GODAS) data in the NOAA National Center for Environmental System (NCEP) by theory, comparative studies, applications and sea truth (T. Nishida, T. Kitakado, H. Matsuura and S. P. Wang)
 - IOTC-2011-WPB09-24: Up-date on the Seychelles semi-industrial and industrial longline fisheries, focusing on billfishes (C. Assan, S. Lawrence and V. Lucas)
 - IOTC-2011-WPB09-25: Mozambique: Country report prepared for the Indian Ocean Tuna Commission (B. Palha de Sousa)
 - IOTC-2011-WPB09-26: Distribution, abundance and biology of Indo-Pacific sailfish, *Istiophorus platypterus* (Shaw and Nodder, 1792) in the Indian EEZ around Andaman and Nicobar (L. Ramalingam and A. B. Kar)
 - IOTC-2011-WPB09-27: Species composition and size distribution of billfish caught by Indonesian tuna long-line vessels operating in the Indian Ocean (A. A. Widodo, B. Nugraha, F. Satria and A. Barata)

- IOTC-2011-WPB09-28: A review on billfish fishery resources in Sri Lanka (S.S.K. Haputhantri and R. Maldeniya)

8. REVIEW OF NEW INFORMATION ON THE STATUS OF BILLFISH

8.1 Stock status indicators for marlins and sailfish – Istiophorids:

- *Marlins*
- *Sailfish*.

- IOTC-2011-WPB09-12: CPUE standardization of blue marlin (*Makaira mazara*) caught by Taiwanese longline fishery in the Indian Ocean (S. P. Wang, S. H. Lin and T. Nishida)

8.2 Stock status indicators and stock assessments for swordfish – *Xiphias gladius*:

- *Southwest Indian Ocean*
 - *Indicators*
 - *Assessments*
 - *Review and presentation of projection results, including Kobe 2 Strategy Matrix.*
- *Indian Ocean-wide*
 - *Indicators*
 - *Assessments*
 - *Review and presentation of projection results, including Kobe 2 Strategy Matrix.*

- IOTC-2011-WPB09-13: Review of CPUE issues for the 2011 Indian Ocean swordfish stock assessment. (D. Kolody)
- IOTC-2011-WPB09-14: Estimation of the Abundance Index (AI) of swordfish (*Xiphias gladius*) in the Indian Ocean (IO) based on the fine scale catch and effort data of the Japanese tuna longline fisheries (1980–2010) (T. Nishida, T. Kitakado and S. P. Wang)
- IOTC-2011-WPB09-15: Investigation of the sharp drop of swordfish CPUE of Japanese tuna longline fisheries in 1990's in the SW Indian Ocean (T. Nishida and T. Kitakado)
- IOTC-2011-WPB09-16: CPUE standardization of swordfish (*Xiphias gladius*) caught by Taiwanese longline fishery in the Indian Ocean (S. P. Wang and T. Nishida)
- IOTC-2011-WPB09-23: Standardized catch rates for the swordfish (*Xiphias gladius*) caught by the Spanish longline in the Indian Ocean during the period 2001–2010 (A. Ramos-Cartelle, B. García-Cortés, J. Fernández-Costa and J. Mejuto)
- IOTC-2011-WPB09-17: An age-, sex- and spatially-structured stock assessment of the Indian Ocean swordfish fishery 1950-2009, including special emphasis on the south-west region (D. Kolody)
- IOTC-2011-WPB09-18: Preliminary stock assessments and MSE risk analyses (Kobe II) of swordfish (*Xiphias gladius*) in the Indian Ocean by A Stock-Production Model Incorporating Covariates (ASPIC) (T. Nishida, T. Kitakado and S. P. Wang)
- IOTC-2011-WPB09-19: Attempt of stock assessment of the Indian Ocean swordfish by production models based on the Bayesian averaging method (T. Kitakado and T. Nishida)
- IOTC-2011-WPB09-20: The application of an age-structured assessment model to swordfish (*Xiphias gladius*) in the Indian Ocean (S. P. Wang and T. Nishida)

9. DEVELOP TECHNICAL ADVICE ON THE STATUS OF THE STOCKS

9.1 Update of species Executive Summaries

- *Marlins*
- *Sailfish*
- *Swordfish*
 - *Southwest Indian Ocean*
 - *Indian Ocean-wide.*

- IOTC-2011-WPB09-21: Template for the 'Executive Summary' for billfish species (Secretariat and Chair)

9.2 Review of current Conservation and Management Measures for billfish species

- IOTC-2011-WPB09-22: Review of current Conservation and Management Measures for billfish species (Secretariat and Chair)

10. RESEARCH RECOMMENDATIONS AND PRIORITIES

10.1 Development a draft work plan for the WPB.

11. OTHER BUSINESS

- 11.1 Deadlines for data submission relating to Billfish
- 11.2 Date and place of the Tenth Session of the Working Party on Billfish
- 11.3 Development of priorities for an Invited Expert at the next WPB meeting
- 11.4 Election of a new Chairperson and Vice-Chairperson for the next biennium
- 11.5 Review of the draft, and adoption of the Report of the Ninth Session of the Working Party on Billfish