

## ANNOTATED AGENDA FOR THE FIFTEENTH WORKING PARTY ON TROPICAL TUNAS

LAST UPDATED: 27 OCTOBER 2013

**Date:** 23–28 October 2013

**Location:** Hotel NH Aranzazu

San Sebastián, Spain.

**Time:** 09:00 – 17:00 daily

**Chair:** Dr. Hilario Murua; **Vice-Chair:** Dr. Shiham Adam

1. **OPENING OF THE MEETING** (Chair)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chair)
  - IOTC-2013-WPTT15-01a: Agenda for the Fifteenth Working Party on Tropical Tunas
  - IOTC-2013-WPTT15-01b: Draft annotated agenda for the Fifteenth Working Party on Tropical Tunas
  - IOTC-2013-WPTT15-02: Draft list of documents for the Fifteenth Working Party on Tropical Tunas
3. **OUTCOMES OF THE FIFTEENTH SESSION OF THE SCIENTIFIC COMMITTEE** (Secretariat)
  - IOTC-2013-WPTT15-03: Outcomes of the Fifteenth Session of the Scientific Committee
4. **OUTCOMES OF SESSIONS OF THE COMMISSION** (Secretariat)
  - IOTC-2013-WPTT15-04: Outcomes of the Seventeenth Session of the Commission (Secretariat)
  - IOTC-2013-WPTT15-05: Review of current Conservation and Management Measures relevant to tropical tunas (Secretariat)
5. **PROGRESS ON THE RECOMMENDATIONS OF WPTT14** (Chair and Secretariat)
  - IOTC-2013-WPTT15-06: Progress made on the recommendations of WPTT14 (Chair)
6. **NEW INFORMATION ON FISHERIES AND ASSOCIATED ENVIRONMENTAL DATA RELATING TO TROPICAL TUNAS**
  - 6.1 Review new information on fisheries and associated environmental data (CPC papers)
    - IOTC-2013-WPTT15-09: Outline of climate and oceanographic conditions in the Indian Ocean in the recent years : an update to August 2013 (F. Marsac)
    - IOTC-2013-WPTT15-10: Impact of dipole mode and El-Nino events on catches of yellowfin tuna (*Thunnus albacares*) in the Eastern Indian Ocean off west Java (K. Amri, A. Suman, H.E. Irianto & Wudianto)
    - IOTC-2013-WPTT15-11: Seasonal abundance of the tropical tunas around fish aggregating devices anchored off the coast of Mauritius (2010–2012) (V.M. Chooramun & V. Senedhun)
    - IOTC-2013-WPTT15-12: A new fisheries independent method to estimate abundances of tropical tunas (M. Capello, J-L. Deneubourg, M. Robert, K. Holland, K. Schaefer, L. Dagorn)
    - IOTC-2013-WPTT15-13: Are Indian Ocean tuna populations assessed and managed at the appropriate spatial scale? Brief review of the evidence and implications (D. Kolody, P. Grewe, C. Davies & C. Proctor)
    - IOTC-2013-WPTT15-14: Statistics of the purse seine Spanish fleet in the Indian Ocean (1990–2012) (A. Delgado de Molina, J. Ariz & J.J. Areso)
    - IOTC-2013-WPTT15-15 Rev\_1: Analysis of catch assessment in offshore and coastal tuna fisheries in Sri Lanka (J.A.D.B. Jayasooriya & H.M.U. Bandara)
    - IOTC-2013-WPTT15-16: A review on oceanic tuna fishery in Sri Lanka and estimation of the length-weight relationships for yellowfin tuna and bigeye tuna (H.A.C.C. Perera, S.S.K. Haputhanthri & K.H.K. Bandaranayake)
    - IOTC-2013-WPTT15-17: Trends of tropical tuna in Iran (M. Akhondi)
    - IOTC-2013-WPTT15-18: Tropical tunas caught by the malagasy longliners in 2012 (R. Fanazava)
    - IOTC-2013-WPTT15-19: Foreign Tuna Fleets Unloading in Phuket, Thailand During 1995–2012 (P. Nootmorn, S. Rodpradit, T. Chaiyen & S. Panjarat)

- IOTC–2013–WPTT15–20: Tropical tuna fisheries in the Indian Ocean of Indonesia (H.E. Irianto, Wudianto, F. Satria & B. Nugraha)
- 6.2 Other topics (CPC papers)
  - IOTC–2013–WPTT15–40 Rev\_1: Data collection and processing system of statistics for the Taiwanese deep-sea longline fishery (Overseas Fisheries Development Council, Taiwan, China)
  - IOTC–2013–WPTT15–41 Rev\_1: Review of length frequency data of the Taiwanese distant water longline fleet (J. Geehan & S. Hoyle)
  - IOTC–2013–WPTT15–42: Challenges to the pole-and-line tuna fishery in the Maldives (A.R. Jauharee)
  - IOTC–2013–WPTT15–43: Tuna Longline Fishery in the Indian Ocean by Thai Fleet during 2010–2012 (N. Darumas, A. Wongkeaw & W. Chumchuen)
  - IOTC–2013–WPTT15–44: Statistics of the European Union and associated flags purse seine fishing fleet targeting tropical tunas in the Indian Ocean 1981–2012 (E. Chassot, A. Delgado de Molina, C. Assan, P. Dewals, P. Cauquil, J.J. Areso, D.M. Rahombanjanaharyk & L. Floch)
  - IOTC–2013–WPTT15–45: A comparison of changes in the exploration and exploitation of oceanic tuna resources in the Indian EEZ in 1970–2012 (A. Anrose, C. Babu & M.K. Sinha)

## 7. BIGEYE TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 7.1 Review of the statistical data available for bigeye tuna (Secretariat)
  - IOTC–2013–WPTT15–07 Rev\_1: Review of the statistical data and fishery trends for tropical tunas [bigeye tuna]
- 7.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for bigeye tuna (CPC papers)
  - IOTC–2013–WPTT15–21: Population structure and reproduction of bigeye tuna (*Thunnus obesus*) in Indian Ocean at western part of Sumatra and southern part of Java and Nusa Tenggara (A. Suman, H.E. Irianto, K. Amri & B. Nugraha)
  - IOTC–2013–WPTT15–22: Comparison of size data for bigeye and yellowfin tuna based on different sampling methods caught by Japanese longline in the Indian Ocean (T. Matsumoto)
- 7.3 Data for input into stock assessments (indicators):
  - Catch and effort
  - Catch at size
  - Growth curves and age-length key
  - Catch at age
  - CPUE indices and standardised CPUE indices
  - Tagging data
  - IOTC–2013–WPTT15–23: Standardized CPUE for juveniles yellowfin, skipjack and bigeye tuna from the European purse seine fleet in the Indian Ocean from 1981 to 2011 (M. Soto, A. Delgado de Molina & E. Chassot)
  - IOTC–2013–WPTT15–24: CPUE standardization for bigeye tuna caught by Korean tuna longline fisheries in the Indian Ocean (S. Il Lee, Z.G. Kim, M.K. Lee, D-W. Lee & T. Nishida)
  - IOTC–2013–WPTT15–25: Japanese longline CPUE for bigeye tuna in the Indian Ocean standardized by GLM (T. Matsumoto, K. Satoh & H. Okamoto)
  - IOTC–2013–WPTT15–26: CPUE standardizations for bigeye tuna caught by Taiwanese longline fishery in the Indian Ocean using generalized linear model (Y.-M. Yeh & S.-T. Chang)
  - IOTC–2013–WPTT15–27: **Withdrawn**
- 7.4 Stock assessment updates
  - IOTC–2013–WPTT15–28 Rev\_1: Stock assessment of bigeye tuna (*Thunnus obesus*) in the Indian Ocean using ASAP (J. Zhu, W. Guan, S. Tian, X. Dai & L. Xu)
  - IOTC–2013–WPTT15–29: **Withdrawn**
  - IOTC–2013–WPTT15–30: Stock assessment of bigeye tuna in the Indian Ocean for 2012 (A. Langley, M. Herrera & R. Sharma)
  - IOTC–2013–WPTT15–31 Rev\_1: Stock and risk assessment of bigeye tuna (*Thunnus obesus*) in the Indian Ocean by Age-Structured Production Model (ASPM) (T. Nishida & K. Iwasaki)
- 7.5 Selection of Stock Status indicators
- 7.6 Development of technical advice on the status of bigeye tuna

## 8. SKIPJACK TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 8.1 Review of the statistical data available for skipjack tuna (Secretariat)
  - IOTC–2013–WPTT15–07 Rev\_1: Review of the statistical data and fishery trends for tropical tunas [skipjack tuna]

- 8.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for skipjack tuna (CPC papers)
- 8.3 Data for input into stock assessments (indicators):
  - Catch and effort
  - Catch at size
  - Growth curves and age-length key
  - Catch at age
  - CPUE indices and standardised CPUE indices
  - Tagging data
- IOTC–2013–WPTT15–32: Maldives skipjack pole and line fishery catch rate standardization 2004–2011: reconstructing historic CPUE till 1985 (R. Sharma, J. Geehan & M.S. Adam)
- IOTC–2013–WPTT15–33: Process and arrangement for management strategy evaluation of Indian Ocean skipjack tuna (M.S. Adam, R. Sharma & N. Bentley)
- 8.4 Selection of Stock Status indicators
- 8.5 Development of technical advice on the status of skipjack tuna

## 9. YELLOWFIN TUNA – REVIEW OF NEW INFORMATION ON STOCK STATUS

- 9.1 Review of the statistical data available for yellowfin tuna (Secretariat)
  - IOTC–2013–WPTT15–07 Rev\_1: Review of the statistical data and fishery trends for tropical tunas [yellowfin tuna]
- 9.2 Review new information on the biology, ecology, stock structure, their fisheries and associated environmental data for yellowfin tuna (CPC papers)
  - IOTC–2013–WPTT15–34: Seasonality, morphometrics and feeding behaviour of yellowfin tuna (*Thunnus albacares*) caught by sports fishers in the Kenyan waters (S. Ndegwa)
  - IOTC–2013–WPTT15–35: Traditional small scale fishing for yellowfin tuna *Thunnus albacares* in Andhra Pradesh along east coast of India (P. Rohit)
  - IOTC–2013–WPTT15–36: Discrimination of yellowfin tuna from the putative nurseries of the Western Indian Ocean (I. Fraile, H. Murua, I. Zudaire, H. Arrizabalaga & J. Rooker)
- 9.3 Data for input into stock assessments (indicators):
  - Catch and effort
  - Catch at size
  - Growth curves and age-length key
  - Catch at age
  - CPUE indices and standardised CPUE indices
  - Tagging data
- IOTC–2013–WPTT15–37: Japanese longline CPUE for yellowfin tuna in the Indian Ocean up to 2012 standardized by generalized linear model (T. Matsumoto H. Okamoto & T. Kitakado)
- IOTC–2013–WPTT15–38: CPUE standardizations for yellowfin tuna caught by Taiwanese longline fishery in the Indian Ocean using generalized linear model (Y.-M. Yeh & S.-T. Chang)
- 9.4 Selection of Stock Status indicators
  - IOTC–2013–WPTT15–39 Rev\_1: Stock assessment on yellowfin tuna in the Indian Ocean by A Stock-Production Model Incorporating Covariates (ASPIC) (S. Il Lee, Z.G. Kim, M.K. Lee, D-W. Lee & T. Nishida)
- 9.5 Development of technical advice on the status of yellowfin tuna

## 10. ANALYSIS OF THE TIME-AREA CLOSURES (Noting Resolution 12/13)

## 11. EFFECT OF PIRACY ON TROPICAL TUNA CATCHES

## 12. RESEARCH RECOMMENDATIONS AND PRIORITIES

- 12.1 Revision of the WPTT work plan
  - IOTC–2013–WPTT15–08: Revision of the WPTT work plan (Secretariat)
- 12.2 Development of priorities for an Invited Expert at the next WPTT meeting

## 13. OTHER BUSINESS

- 13.1 Election of a Vice-Chairperson of the WPTT for the next biennium
- 13.2 Date and place of the Sixteenth Session of the WPTT
- 13.3 Review of the draft, and adoption of the Report of the Fifteenth Session of the WPTT