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## ANNOTATED AGENDA FOR THE 8<sup>TH</sup> WORKING PARTY ON NERITIC TUNAS

LAST UPDATED: 27 AUGUST 2018

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**Date:** 21–24 August 2018

**Location:** Mahé, Seychelles

**Venue:** Eden Bleu Hotel, Eden Island

**Time:** 09:00 – 17:00 daily

**Chair:** Dr Farhad Kaymaram; **Vice-Chair:** Dr Mathias Igulu

### 1. OPENING OF THE MEETING (Chair) Day 1

### 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION (Day 1 - am)

- IOTC-2018-WPNT07-01a: Agenda of the 8th Working Party on Neritic Tunas
- IOTC-2018-WPNT07-01b: Annotated agenda of the 8th Working Party on Neritic Tunas
- IOTC-2018-WPNT07-02: List of documents of the 8th Working Party on Neritic Tunas

### 3. THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS (Day 1 - am)

#### 3.1 Outcomes of the 20<sup>th</sup> Session of the Scientific Committee (IOTC Secretariat)

- IOTC-2018-WPNT08-03: Outcomes of the 20<sup>th</sup> Session of the Scientific Committee (IOTC Secretariat)

#### 3.2 Outcomes of the 22<sup>nd</sup> Session of the Commission (IOTC Secretariat)

- IOTC-2018-WPNT08-04: Outcomes of the 22<sup>nd</sup> Session of the Commission (IOTC Secretariat)

#### 3.3 Review of Conservation and Management Measures relevant to neritic tunas (IOTC Secretariat)

- IOTC-2018-WPNT08-05: Review of current Conservation and Management Measures relating to neritic tuna species (IOTC Secretariat)

#### 3.4 Progress on the recommendations of WPNT07 and SC20 (IOTC Secretariat)

- IOTC-2018-WPNT08-06: Progress made on the recommendations and requests of WPNT07 and SC20 (IOTC Secretariat)

### 4. NEW STATISTICAL INFORMATION ON FISHERIES FOR NERITIC TUNAS (Day 1 - am)

#### 4.1 Review of the statistical data available for neritic tunas

- IOTC-2018-WPNT08-07: Review of the statistical data available for the neritic tuna species (IOTC Secretariat)

### 5. CPUE: SETTING THE SCENE (Day 1 - am)

#### 5.1 General introduction to CPUE

#### 5.2 Summary of IOTC work on CPUE undertaken to-date

### 6. INTRODUCTION TO R (Day 1 - pm)

#### 6.1 Getting data into R

#### 6.2 Data exploration

### 7. STATISTICAL MODELS (Day 2 – am)

#### 7.1 Introduction to Linear and Generalised Linear Models

### 8. CPUE STANDARDISATION (Day 2 - pm to Day 3 - am)

#### 8.1 Examples of CPUE standardisation (NOAA LL-SIM datasets):

- Lognormal + constant
- Delta-lognormal
- Tweedie

**9. CPC DATASETS (Day 3 - pm)**

## 9.1 Review of CPUE information on neritic tuna fisheries (CPC papers)

- IOTC-2018-WPNT08-10: Assessment of artisanal fishing gears impact on king fish (*Scomberomorus commerson*) in the Kenyan marine ecosystem
- IOTC-2018-WPNT08-11: Relationship between frigate tuna (*Auxis thazard*) Catch Per Unit Effort (CPUE) and fishing operation related parameters: A case study in tuna fishery of Sri Lanka.
- IOTC-2018-WPNT08-12: Catch and effort of neritic tuna in Comoros from 2011 to 2015
- IOTC-2018-WPNT08-13: Catch per unit effort (CPUE) and size distribution of kawakawa (*Euthynnus affinis*) from Indonesia fisheries management area (FMA) 573.
- IOTC-2018-WPNT08-14: Spatial distribution of frigate tuna *Auxis thazard* (lacepede, 1800) exploited from artisanal catch in Tanzania mainland.
- IOTC-2018-WPNT08-15: Data collection and size sampling on neritic tuna fisheries in Thailand
- IOTC-2018-WPNT08-17: Status of neritic tuna fisheries of Pakistan

## 9.2 Exploration and analysis of CPC datasets (Day 4 - am)

**10. PROGRAM OF WORK (RESEARCH AND PRIORITIES) (Day 4 - pm)**

## 10.1 Revision of the WPNT Program of Work 2019–2023 (Chair)

- IOTC-2018-WPNT08-08: Revision of the WPNT Program of Work (2019–2023) (IOTC Secretariat)

## 10.2 Development of priorities for an Invited Expert at the next WPNT meeting

**11. OTHER BUSINESS (Day 4 - pm)**11.1 Date and place of the 9<sup>th</sup> and 10<sup>th</sup> Working Party on Neritic Tunas (Chair)11.2 Review of the draft, and adoption of the Report of the 8<sup>th</sup> Working Party on Neritic Tunas (Chair) (Day 4 – pm)