

## AGENDA FOR THE WORKING PARTY ON TROPICAL TUNAS 8TH SESSION, 2006

### 1. REVIEW OF THE DATA

Review of the statistical data available for the tropical tuna species

IOTC-2006-WPTT-03

Secretariat – Status of IOTC database for tropical tunas

### 2. NEW INFORMATION ON BIOLOGY AND STOCK STRUCTURE OF TROPICAL TUNAS

#### Biology

IOTC-2006-WPTT-05

Ariz et al – Bigeye tuna and yellowfin tuna sex-ratio analysis...

IOTC-2006-WPTT-09

Potier et al – A routine collection of biological and thropic descriptors...

IOTC-2006-WPTT-23

Nishida & Shiba – Report on the predation survey by the Japanese ...

IOTC-2006-WPTT-24

Fonteneau et al – Meso-scale exploitation of a major tuna concentration...

IOTC-2006-WPTT-INF03

Romanov & Zamorov – Feeding habits of the longnose lancetfish ...

IOTC-2006-WPTT-INF05

Nishida et al – Species identification of swimming crabs fed ...

#### Observer programs

IOTC-2006-WPTT-04

Delgado et al -

IOTC-2006-WPTT-06

Ariz – Acoustic selectivity in tropical tuna ...

IOTC-2006-WPTT-07

Ariz – Data obtained from purse-seine observers carry out by the IEO ...

IOTC-2006-WPTT-12

Liu-xiong et al – Catch rate comparison between the circle hooks ...

IOTC-2006-WPTT-25

Lucas et al – Note on the interest to conduct a scientific observer ...

IOTC-2006-WPTT-26

Viera & Pianet – Analysis of data obtained from observer programmes ...

#### Statistics

IOTC-2006-WPTT-10

Romanov et al – Historical database on Soviet longline tuna research ...

IOTC-2006-WPTT-11

Romanov & Romanova – Catch and effort data on Soviet tuna purse ...

IOTC-2006-WPTT-27

Pianet et al – French purse-seine tuna fisheries statistics in the Indian ...

IOTC-2006-WPTT-28

Pianet et al – Statistics of the main purse seine fleets fishing in the ...

IOTC-2006-WPTT-29

Lucas et al – Fishing experiments and data collected in the frame ...

IOTC-2006-WPTT-30

Dorizo et al – Report on the validation of Seychelles Industrial ...

IOTC-2006-WPTT-31

Dissanayake et al – Preliminary catches estimates of tuna and tuna-like...

IOTC-2006-WPTT-INF02

Nishida – Folly and fantasy in the analysis of spatial catch rate data.

#### Environment

IOTC-2006-WPTT-08

Marsac – Indices of environmental variability in the Indian Ocean ...

IOTC-2006-WPTT-13

Li-ming et al – Environment factors of yellowfin tuna in the tropical ...

IOTC-2006-WPTT-14

Li-ming et al – Environment factors of bigeye tuna longlining ...

IOTC-2006-WPTT-INF01

Menard et al – Climatic oscillations and tuna catch rates in the Indian ...

### 3. REVIEW OF NEW INFORMATION ON THE STATUS OF BIGEYE

Input into stock assessments:

- Catch and effort
  - LL, PS and other gears
  - How to treat lack of data from artisanal fleets and other problems
- Catch at size

IOTC-2006-WPTT-19

Secretariat – Estimation of CaS, CaA and catches per time-area strata ...

- Growth curves and age-length key

IOTC-2006-WPPT-INF06 Secretariat - Converting weight data into length data

IOTC-2006-WPPT-INF07 Secretariat - Converting length into age

- Catch at age
- CPUE
  - Raw CPUE indices
  - Standardised CPUE indices (LL and other major gears)

IOTC-2006-WPTT-17 Okamoto – Japanese longline CPUE for bigeye tuna in the Indian ...

IOTC-2006-WPTT-20 Hsu – Standardized catch per unit effort of bigeye tuna caught by ...

- factors influencing CPUE — such as change of targeting practices, environment and technology

#### Stock assessments

IOTC-2006-WPTT-15 Hillary & Mosqueira - Assessment of the Indian Ocean bigeye tuna ...

IOTC-2006-WPTT-18 Shono – Preliminary stock assessment for bigeye tuna in the Indian ...

IOTC-2006-WPTT-22 Nishida & Shono – Updated stock assessment of bigeye tuna resource ...

#### Discussion of stock status indicators, including among others

- Trends in total catch and catch per unit effort
- Trends in mean weight
- Trends in catch-per-successful-set

#### Discussion of stock assessment sensitivities and projection scenarios

### 4. DEVELOP TECHNICAL ADVICE ON THE STATUS OF THE STOCK OF BIGEYE TUNA

### 5. REVIEW OF NEW INFORMATION ON THE STATUS OF YELLOWFIN AND SKIPJACK

Review of catch trends (Secretariat), CPUE, mean weight etc (as provided by Members)

Analysis of the 2003-04 catches of YFT

Discussion of stock status indicators

### 6. RESEARCH RECOMMENDATIONS AND PRIORITIES

### 7. OTHER BUSINESS

Regional Tuna Tagging Programme – Indian Ocean

IOTC-2006-WPTT-21 Hallier – An up-to-date on the implementation of the RTTP

Workshop on Predation in Tuna Longline Fisheries

IOTC-2006-WPTT-INF04

FADIO

IOTC-2006-WPTT-16 Dagorn – FADIO: a European Union funded project on development ...

Any other business

Election of chairperson