

## INTER-AMERICAN TROPICAL TUNA COMMISSION

# 2<sup>nd</sup> REVIEW OF THE STOCK ASSESSMENT OF BIGEYE TUNA IN THE EASTERN PACIFIC OCEAN

La Jolla, California (USA)

11-15 March 2019

## PROVISIONAL AGENDA

### Monday 11 March

- 0900:** Welcome *(Guillermo Compeán)*
- 0910:** Introductions, notifications, background (terms of reference, documents, objectives, products) *(André Punt, Chair)*
- 0930:** History of the bigeye assessment and issues identified *(Alexandre Aires-da-Silva)*
- 1000:** Overview of 2018 assessment *(Haikun Xu)*
- 1030:** Break
- 1100:** Purse-seine data *(Cleridy Lennert-Cody)*
- 1130:** Longline data *(Carolina Minte-Vera)*
- 1200:** Indices of abundance derived from longline CPUE *(Carolina Minte-Vera)*
- 1230:** Lunch
- 1330:** Influence of the environment on the index of abundance *(Haikun Xu)*
- 1400:** Discussion: Data
- 1430:** Stock structure *(Carolina Minte-Vera)*
- 1500:** Break
- 15:30** Movement of bigeye tuna in the EPO *(Haikun Xu)*
- 1600:** Comments by participants
- 1630:** Day's summary by Chair, discussion, and Panel requests for additional analyses

### Tuesday 12 March

- 0900:** Spatial stock assessment model options (60 minutes) *(Juan Valero)*
- 1000:** Discussion: Stock structure and spatial structure
- 1030:** Break
- 1100:** Selectivity and catchability assumptions *(Carolina Minte-Vera)*
- 1130:** Lunch
- 1300:** Modelling time-varying selectivity for the purse-seine fisheries *(Haikun Xu)*
- 1330:** Discussion: Fishery structure, catchability, and selectivity
- 1400:** Growth *(Mark Maunder)*
- 1430:** Natural mortality *(Mark Maunder)*
- 1500:** Break
- 1530:** The stock-recruitment relationship *(Mark Maunder)*
- 1600:** Modelling autocorrelated and cyclical (seasonal) recruitment *(Haikun Xu)*
- 1630:** Comments by participants
- 1700:** Day's summary by Chair, discussion, and Panel requests for additional analyses
- 1800:** Social event at PF Chang's

**Wednesday 13 March**

- 0900:** Investigating the regime shift in recruitment *(Juan Valero)*  
**0930:** Investigating the regime shift in recruitment: environment *(Haikun Xu)*  
**0945:** Investigating the regime shift in recruitment: ecosystem *(Leanne Fuller)*

**1000:** Discussion: Biology

**1030:** Break

- 1100:** Data weighting *(Haikun Xu)*  
**1130:** Diagnostics *(Haikun Xu)*

**1200:** Lunch

**1300:** Estimating and representing uncertainty *(Ricardo Oliveros-Ramos)*

**1330:** Discussion: Data weighting, uncertainty, and diagnostics

**1400:** General discussion

**1500:** Break

**1530:** Presentation of requested model runs

**1600:** Comments by participants

**1630:** Day's summary by Chair, discussion, and Panel requests for additional analyses

**Thursday 14 March**

**0900:** Presentation of requested model runs

**1030:** Break

**1200:** Lunch

**1300:** Panel working session

**1500:** Break

**1600:** Comments by participants

**1630:** Day's summary by Chair, discussion, and Panel requests for additional analyses

**Friday 15 March**

**0900:** Presentation of requested model runs

**1000:** Report writing

**1030:** Break

**1100:** Report writing

**1200:** Lunch

**1300:** Report writing

**1400:** Summary by Chair

**1500:** Adjournment

All presentations will be 20 minutes, plus 10 minutes for questions/comments, except where noted.

**LOCATION:**

[Embassy Suites Hotel, La Jolla](#)

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San Diego, CA 92122

USA