

INTER-AMERICAN TROPICAL TUNA COMMISSION

**1ST EXTERNAL REVIEW OF DATA USED OF STOCK ASSESSMENTS OF
TROPICAL TUNA IN THE EASTERN PACIFIC OCEAN**

La Jolla, California (USA)

06-10 November 2023
(hybrid meeting)

TENTATIVE AGENDA

Monday 06-Nov

0900: Welcome (Alex Aires-da-Silva)

0905: Introductions, notifications

0915: Background (terms of reference, documents, objectives, products) (Alex Aires-da-Silva)

0945: Panel discussion on review format and approach

1000: Summary of the management of tropical tunas (Alex Aires-da-Silva)

1030: Break

1100: **1. Overview of the assessments for the three species of tropical tunas** (Mark Maunder)

1130: **1. Overview of the IATTC risk analysis approach** (Mark Maunder)

1200: Lunch

1300: **2. Conceptual model for bigeye tuna and hypotheses for risk analysis** (Haikun Xu)

1400: Discussion

1430: **3. Conceptual model and spatial structure for yellowfin tuna and hypotheses for risk analysis**
(Carolina Minte-Vera)

1500: Break

1530: Discussion and further reflection on review format

1600: Data review recommendations (Simon Hoyle)

1630: Discussion

1700: Day's summary by Chair, public comment, discussion, and Panel requests for additional analyses

Tuesday 07-Nov

0900: Introduction to the bigeye tuna assessment "base/ancestral" model (Haikun Xu)

0930: Discussion

1000: Introduction to the yellowfin tuna assessment "base/ancestral" model (Carolina Minte-Vera)

1030: Break

1100: Discussion

1130: **6 & 7 Model dimensioning assumptions: time step of the model, number of age classes, initial conditions and start year** (staff¹)

1200: Lunch

1300: **8. Recruitment** (Mark Maunder)

1330: Discussion

1400: **9. Growth** (Mark Maunder)

1430: Discussion

1500: Break

1530: **10. Natural mortality** (staff)

1600: Discussion

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

Wednesday 08-Nov

0900: Presentation of requested data, analyses, and model runs (staff)

0930: **4. & 5. Fisheries definitions, length compositions, and fishery selectivity assumptions** (staff)

1000: Discussion

1030: Break

1100: **11. Indices of abundance, its catchability and selectivity** (staff)

1130: Discussion

1200: Lunch

1300: **12. Overview of data and data weighting** (staff)

1330: Discussion

1400: **13. Model diagnostics** (staff)

1430: Discussion

1500: Break

1530: Report writing allocations

1600: Presentation of requested data, analyses, and model runs (staff)

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

Evening: social event

¹ Staff refers to Carolina Minte-Vera for yellowfin tuna and Haikun Xu for bigeye tuna

Thursday 09-Nov

0900: Presentation of requested data, analyses, and model runs (staff)

0930: **14. Model weighting and multimodel estimates** (Mark Maunder)

1000: Discussion

1030: Break

1100: **15. Estimation of management quantities and associated uncertainty** 1200: Lunch

1300: Chair summary of state of play

1330: Report writing

1600: Presentation of requested data, analyses, and model runs (staff)

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

Friday 10-Nov

0900: Presentation of requested data, analyses, and model runs (staff)

1000: Reviewers' recommendations

1030: Break

1100: Report writing

1200: Lunch

1300: Report writing

1400: Summary by Chair of reviewers' recommendations, public comment

1500: Adjournment