

Standing Committee on Tuna and Billfish

Yellowfin Tuna Research Group

Provisional Agenda

Robert Campbell, Coordinator

1. Regional fishery overview and developments
 - What are the changes in the fishery and how might they affect fishing mortality?
 - * Fisheries Overview:
 - * National Fisheries reports

2. Data Issues
 - What data do we need, what do we have, what do we not have?
 - * Status of data collection, compilation and dissemination:
 - WP: A summary of aggregate catch/effort and size composition data available to the SCTB - Yellowfin (SPC)

3. Biological and Ecological Research
 - What are the new findings from biological and ecological research and how do they relate to current understanding of the dynamics of the yellowfin tuna stock?
 - * Stock Structure:
 - * WP: Stock Structure of yellowfin tuna in the eastern AFZ and the origin of recruits to the Eastern Tuna fishery - John Gunn, et al (CSIRO).
 - * Age and growth:
 - WP: "Variation in Growth of Yellowfin Tuna in the Equatorial Western Pacific Ocean" - Bert Kikkawa (NMFS, Honolulu)
 - * Reproduction:
 - * Food habits and trophic dynamics:
 - * WP: Comparative trophic ecology of yellowfin and bigeye tuna associated with natural and man-made aggregation sites in Hawaiian waters -Dean Grubbs and Kim Holland (Uni of Hawai'i)
 - * Movement:
 - *WP: Mobility of tropical tunas and the implications for fisheriesmanagement - John Sibert (PFRP) and John Hampton (SPC)
 - *Environmental Influences:

4. Stock Assessments
 - What are the results of stock assessment studies and what can we conclude from them about the current status of the stock?
 - *Stock Indicators (including CPUE Analyses)
 - *Stock Assessments

WP: Stock assessment of yellowfin tuna in the western and central Pacific Ocean - John Hampton (SPC)

WP: Status of yellowfin tuna in the EPO - Mark Maunder (I-ATTC)

5. Research coordination and Planning

*Suggested research to be completed for SCTB 16

*Form and content of Yellowfin Research Group report: (Technical Synopsis)