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
   * 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 fisheries management - 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)