

**The Commission for the Conservation and Management of  
Highly Migratory Fish Stocks in the Western and Central Pacific Ocean**

**Scientific Committee  
Fourth Regular Session**

**Port Moresby, Papua New Guinea  
11-22 August 2008**

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**PROVISIONAL AGENDA FOR THE  
ECOSYSTEM AND BYCATCH SPECIALIST WORKING GROUP**

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**SC4-2008-EB-SWG-01**

1. Opening of the meeting
2. Selection of rapporteurs
3. Adoption of agenda
4. Ecosystem effects of fishing

- a. Progress of Productivity and Susceptibility Assessment

**EB-WP-1** Kirby, D. *Ecological Risk Assessment (ERA) Progress Report (2007/8) & Work Plan (2008/9)*. SPC, Noumea, New Caledonia. (joint presentation with **EB-WP-2** Waugh et al.. *Preliminary results of an Ecological Risk Assessment for New Zealand fisheries interactions with seabirds and marine mammals*)

- b. Biology of high risk species

EB-IP-6 Molony, B. Fisheries biology and ecology of highly migratory species that commonly interact with industrialised longline and purse seine fisheries in the western and central Pacific Ocean.

- c. Fishery impacts on ecosystem

**EB-WP-10** Lehodey et al. *SEAPODYM. V2: A Spatial ecosystem and Population dynamics model with parameter optimization providing a new tool for tuna management*.

5. Sharks

- a. Review of CMM-2006-05 and CCM reports on shark catches presented in Part 1 of Annual Report
- b. Identification of key shark species for annual reporting to the Commission
- c. Stock assessments for key shark species
- d. Development of a Shark Research Plan

EB-IP-2 Ministry of Fisheries, New Zealand. Draft New Zealand NPOA Sharks. Ministry of Fisheries, Wellington, New Zealand.

6. Seabirds

- a. Review of CMM-2007-04 and CCM estimates of seabird mortality presented in Part 1 of Annual Report

**EB-WP-3** Papworth, W. *Albatross and petrel distribution within the WCPFC area: spatial and seasonal overlap with fishing effort.*

**EB-WP-5** Chung, Kuo-Nan. *Overview of the interaction between seabird and Taiwanese longline fisheries in the Pacific Ocean. Fisheries Agency, Chinese Taipei (combined with **EB-WP-6** Chung, Kuo-Nan. *Overview of Taiwanese Observers Program for Large Scale Tuna Longline Fisheries in Pacific Ocean from 2002 to 2006.*)*

**EB-WP-8** Black, A. *Seabird Bycatch Rates in WCPFC Fisheries.*

EB-IP-7 ACAP. Estimates of seabird population sizes and trends.

EB-IP-5 Mejuto et al. Preliminary overall estimations of bycatch landed by the Spanish surface longline fleet targeting swordfish (*Xiphias gladius*) in the Pacific Ocean and interaction with marine turtles and sea birds: years 1990-2005.

- b. Review of research on seabird interactions and mitigation measures

**EB-WP-4** Waugh, S. *Stages in the process of managing seabird mortality in RFMO fisheries.*

**EB-WP-7** Minami, H. *Direct comparison of seabird avoidance effect between two types of tori-lines in experimental longline operations.*

EB-IP-1 S.M. Waugh et al. CCAMLR process of risk assessment to minimise the effects of longline fishing mortality on seabirds.

EB-IP-3 Brouwer, S. and N. Walker. Use of light streamer lines and line weighting on longline vessels and the implications for seabird bycatch.

- c. Review of technical specifications of seabird mitigation measures

## 7. Sea Turtles

- a. Review of Research Programme and WCPFC2 Resolution
- b. Review of research on sea turtle interactions
- c. Review of mitigation measures

**EB-WP-9** Ward et al. *Implementation of bycatch mitigation measures in Australia's pelagic longline fisheries: the effects of circle hooks on target and non-target catches.*

**FT-WP-5** An et al. *Effect of fishery factors on bigeye and yellowfin tuna catch rates in the tuna longline fishery*

EB-IP-4 An, D-H. A summary of the Korean tuna fishery observer program for the Pacific Ocean in 2007. NFRDI, Busan, Korea.

8. Access to bycatch information
  - a. Bycatch page on the WCPFC website  
[Peter Williams Bycatch database]
9. Future research plan
  - a. Detailed operational research plan for 2008/09 with budget
  - b. Work programme for 2010-2011 with indicative budget
10. Other matters
11. Adoption of Report (including a one-page summary)
12. Close of the meeting