

**REPORT OF THE TWENTY-SECOND  
MEETING OF THE SCIENTIFIC COMMITTEE**  
(Hobart, Australia, 27 to 31 October 2003)

OPENING OF THE MEETING

1.1 The Scientific Committee for the Conservation of Antarctic Marine Living Resources met under the Chairmanship of Dr R. Holt (USA) from 27 to 31 October 2003 at the Wrest Point Hotel, Hobart, Australia.

1.2 Representatives from the following Members attended the meeting: Argentina, Australia, Belgium, Brazil, Chile, European Community, France, Germany, India, Italy, Japan, Republic of Korea, Namibia, New Zealand, Norway, Poland, Russian Federation, South Africa, Spain, Sweden, Ukraine, United Kingdom of Great Britain and Northern Ireland, United States of America and Uruguay.

1.3 The Chair welcomed to the meeting observers from Canada, the People's Republic of China, Greece, Indonesia, Mauritius, Peru and Seychelles, along with observers from ASOC, CEP, COLTO, IUCN, IWC and SCAR, and encouraged them to participate in the meeting as appropriate.

1.4 The List of Participants is given in Annex 1. The List of Documents considered during the meeting is given in Annex 2.

1.5 The following rapporteurs were appointed to prepare the report of the Scientific Committee:

- Dr D. Agnew (UK) – CCAMLR Scheme of International Scientific Observation;
- Drs R. Hewitt and P. Penhale (USA) – Ecosystem Monitoring and Management;
- Dr S. Nicol (Australia) – Krill Resources;
- Drs C. Jones (USA) and C. Davies (Australia) – Fish Resources excluding By-catch;
- Mr R. Williams (Australia) – Fish Resources By-catch;
- Drs S. Hanchet (New Zealand), M. Collins (UK) and Dr A. Constable (Australia) – New and Exploratory Fisheries;
- Dr K. Sullivan (New Zealand) – Crab and Squid Resources;
- Prof. J. Croxall (UK) – Incidental Mortality;
- Dr K. Reid (UK) – Additional Monitoring and Management Issues;
- Dr K.-H. Kock (Germany) – Management under Conditions of Uncertainty about Stock Size and Sustainable Yield;
- Dr C. Southwell (Australia) – Scientific Research Exemption;
- Prof. B. Fernholm (Sweden) and Mr L. López Abellán (Spain) – Cooperation with Other Organisations;
- Dr D. Ramm (Secretariat) – all other matters.

## Adoption of Agenda

1.6 The Provisional Agenda had been circulated prior to the meeting (SC-CAMLR-XXII/1). The Scientific Committee agreed to move Subitem 5(ii) on 'Fish by-catch associated with longline and trawl fisheries' to Item 4, as well as to add a subitem on 'Targeted species' to Item 4. In addition, Subitem 5(iii) was renamed 'Fish by-catch'. With these changes, the Agenda was adopted (Annex 3).

## Report of the Chair

### Intersessional Meetings

1.7 The following meetings were held during the 2002/03 intersessional period:

- (i) The ninth meeting of WG-EMM was held from 18 to 29 August 2003 in Cambridge, UK. It was convened by Dr Hewitt and was attended by 38 participants, representing 11 Members.
- (ii) The CEMP Review Workshop was held during the first week of WG-EMM, from 18 to 22 August. Attendees at the workshop included two invited experts, Prof. E. Hofmann and Dr T. Gerrodette (USA). The workshop was co-convened by Prof. Croxall and Dr Southwell.
- (iii) The meeting of WG-FSA was held from 13 to 23 October 2003 in Hobart, Australia, prior to the Scientific Committee meeting. It was convened by Dr I. Everson (UK).

Two WG-FSA subgroups met during the intersessional period:

- the Subgroup on Assessment Methods (WG-FSA-SAM), convened by Dr Constable – 12 to 15 August 2003, London, UK;
  - the Subgroup on Fisheries Acoustics (WG-FSA-SFA), co-convened by Dr Collins and Dr P. Gasiukov (Russia) – 18 to 22 August 2003, Cambridge, UK.
- (iv) Ad hoc WG-IMAF conducted its meeting as part of WG-FSA-03. It was convened by Prof. Croxall.

1.8 On behalf of the Scientific Committee, the Chair thanked the conveners for their significant contributions to the intersessional meetings. The report of WG-EMM is attached as Annex 4 and that of WG-FSA, including ad hoc WG-IMAF, as Annex 5.

1.9 The Chair noted that the Scientific Committee and its working groups had made excellent progress. Some 183 documents (101 papers at the meetings of WG-FSA and ad hoc WG-IMAF alone) were presented at the meetings of the working groups and associated subgroups during this intersessional period.

1.10 Over the past year, the working groups had:

- reviewed and provisionally accepted a methodology which includes acoustic data to assess the biomass of *Champscephalus gunnari*;
- completed assessments on finfish fisheries;
- agreed on aspects of research needed to obtain assessments of the stocks fished in Subarea 88.1;
- begun reviewing potential methods to be used to allocate krill catch to SSMUs;
- revised the terms of reference for WG-EMM's Subgroup on Protected Areas;
- undertook a workshop as the first phase in a review of CEMP;
- completed a workshop on assessment methods.

In addition, members of the Scientific Committee had participated in the first meeting of the Joint Assessment Group (JAG).

#### Fisheries

1.11 CCAMLR Member countries actively participated in eight fisheries under conservation measures in force in the 2002/03 season (1 December 2002 to 30 November 2003). These eight fisheries were:

- trawl fishery for *C. gunnari* in Subarea 48.3;
- trawl fishery for *C. gunnari* in Division 58.5.2;
- longline fishery for *Dissostichus eleginoides* in Subarea 48.3;
- trawl and longline fishery for *D. eleginoides* in Division 58.5.2;
- exploratory longline fishery for *Dissostichus* spp. in Division 58.4.2;
- exploratory longline fishery for *Dissostichus* spp. in Subarea 88.1;
- exploratory longline fishery for *Dissostichus* spp. in Subarea 88.2;
- trawl fishery for *Euphausia superba* in Area 48.

1.12 In addition, four other fisheries were conducted in EEZs within the Convention Area:

- longline fishery for *D. eleginoides* in Division 58.5.1 (French EEZ);
- longline fishery for *D. eleginoides* in Subarea 58.6 (French EEZ);
- longline fishery for *D. eleginoides* in Subarea 58.6 (South African EEZ);
- longline fishery for *D. eleginoides* in Subarea 58.7 (South African EEZ).

1.13 Fourteen Members had fished in the 2002/03 season: Australia, Chile, France, Japan, New Zealand, Poland, Republic of Korea, Russian Federation, South Africa, Spain, Ukraine, UK, Uruguay and the USA.

## CCAMLR Scheme of International Scientific Observation

1.14 Where required under conservation measures, international scientific observers, nominated in accordance with the scheme, were on board all vessels fishing for toothfish. A number of international scientific observers were also deployed on vessels fishing for other finfish and krill. Observers, both national and international, were deployed on 54 cruises within the Convention Area during the 2002/03 season.

## Scientific Committee Representation at Meetings of Other International Organisations

1.15 The Scientific Committee was represented at five meetings of other international organisations. Observers' reports from these meetings were considered in detail under Agenda Item 9.