

**SPECIFIC TASKS IDENTIFIED BY THE SCIENTIFIC COMMITTEE
FOR THE 2002/03 INTERSESSIONAL PERIOD**

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No.	Task	Reference to paragraphs in SC-CAMLR-XXI	Deadline	Action Required	
				Secretariat	Members
1.	Scheme of International Scientific Observation				
1.1	Submit all data according to the most recent data formats.	2.3, 5.60	Ongoing	Advise Members	Implement
1.2	Synthesise the information contained in the questionnaire on fishing strategies in the krill fisheries for consideration by WG-EMM.	2.6	August	Analyse and report	Submit data
1.3	Revise the <i>Scientific Observers Manual</i> and the instructions to scientific observers, in consultation with technical coordinators.	2.9 to 2.12, 2.15, 2.18, 2.20, 2.21	January	Coordinate, revise and distribute	Distribute and implement
1.4	Apply protocols on sampling fish to the longline fishery in Subarea 48.3.	2.20	May	Advise Members	Implement
1.5	Develop protocols on sampling fish for other fisheries.	2.20	August	Advise Members	Implement
2.	Ecosystem monitoring and management				
2.1	Undertake tasks identified by WG-EMM.	Annex 4: 6.33–6.40, Tables 3, 4, Appendix E, Attachment 4	August	Implement	Implement
2.2	Revise CEMP Standard Method C2, Procedure B.	3.12	December	Revise and distribute	Distribute and implement
2.3	Prepare proposals to subdivide precautionary catch limit for krill in Area 48 among SSMUs.	3.16–3.20	August	Advise Members	Implement
3.	Harvested species				
3.1	Undertake tasks identified by WG-FSA.	Annex 5: 12.1–12.8, Table 12.1	October	Implement	Implement
3.2	At future meetings, consider only catches within the Convention Area available at the start of the Scientific Committee meeting.	4.29	October	Implement	Note
3.3	Report analyses of sea floor bathymetry and area in Area 51 to WG-FSA.	4.36	October	Advise Russia	Russia to implement
3.4	Conduct further work on estimating the age of icefish from otoliths, leading to a workshop meeting in 2004 at which age determination methods can be agreed.	4.43	October	Advise Members	Implement
3.5	Establish an intersessional subgroup on fisheries acoustics to evaluate the application of acoustics methods in estimating biomass of exploited fish in the Convention Area.	4.47, 4.83	August	Assist subgroup	Implement

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3.6	Send a French expert to the meetings of WG-FSA.	4.62	October	Advise France	France to implement
3.7	Review methodology used to assess <i>C. gunnari</i> .	4.75, 4.91	October	Advise Members	WG-FSA to implement
3.8	Continue age and growth studies of <i>C. gunnari</i> .	4.76	October	Advise Members	Implement
3.9	Revise assessment of <i>E. carlsbergi</i> .	4.96	October	Advise Members	WG-FSA to implement
3.10	Continue to estimate future catches to predict closure dates, but incorporate information available on future vessel movements on a trial basis.	4.98, 12.9	Ongoing	Implement and report	Submit catch and effort reports and notification of vessel movements
3.11	Conduct further research on recruitment of <i>Dissostichus</i> spp. in Subareas 88.1 and 88.2 and on the most effective means of deploying effort in those areas.	4.114	October	Advise Members fishing in Subareas 88.1 and 88.2	Implement
3.12	Continue experiments on mark-recapture of <i>Dissostichus</i> spp. in Subareas 88.1 and 88.2.	4.114	December	Advise Members fishing in Subareas 88.1 and 88.2	Implement
3.13	Submit data on cheliped height and length of male crabs so that a comprehensive analysis of male size at maturity may be conducted.	4.118	October	Advise Members	Submit data
4.	Incidental mortality				
4.1	Undertake tasks identified by WG-FSA and WG-IMAF.	Annex 5: 12.1–12.8, Table 12.1, Appendix D	October	Implement	Implement
4.2	Assist in facilitating the financing and undertaking of experimental research to determine the most appropriate mitigation measures for use on vessels employing the Spanish longlining method.	5.13		Advise Members	Implement
4.3	Consider how estimates of cumulative potential seabird by-catch might be presented.	5.18	October	Advise Members	WG-IMAF to implement
4.4	Assess the effect of the removal by IUU fishing of large numbers of seabirds on the populations of albatrosses, giant petrels and white-chinned petrels breeding in the Convention Area.	5.20	October	Advise Members	WG-IMAF to implement
4.5	Continue reporting on activities relating to seabird by-catch and press for inclusion of this topic on RFMO agendas.	5.33	Ongoing	Advise Members and RFMOs	Implement

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4.6	Report on progress towards developing and implementing NPOAs with particular reference to actions that would mitigate by-catch of seabirds from the Convention Area.	5.36	October	Advise Members	Implement
4.7	Review relevant conservation measures and develop advice on the use of bottom trawl gear, taking into account issues relating to the by-catch of seabirds and non-target fish species, and potential damage to benthos.	5.50	October	Advise Members	Implement
4.8	Report on the level of by-catch, including discarded skates, as accurately as possible in all forms of data submission.	5.77	Ongoing	Advise Members	Implement and submit data
4.9	Whenever possible during longlining operations, live skates and rays should be cut from the line while still in the water, and vessels should be encouraged to develop methods to minimise by-catch of these species.	5.78	Ongoing	Advise Members	Implement and report
5.	Additional monitoring and management issues				
5.1	Report on status and trends relating to all of the main aspects of marine debris related observations following procedures and principles analogous to those used in the preparation of reports of the status and trends arising from the data submitted to CEMP.	6.4, 6.8	October	Implement and report	Submit data
5.2	Update the CCAMLR database on marine debris with historical and current data collected using standard methods.	6.9, 6.23	Ongoing	Advise Members and process data	Submit data
5.3	Enter into the CCAMLR database historical data, collected using standard methods that have already been reported to the Scientific Committee, and consult with relevant Members to ensure appropriate data validation.	6.9	Ongoing	Implement	Advise and submit data as required
5.4	Consider the designation of a marine protected area in Division 58.4.4.	4.106	August	Advise Members and Subgroup on Protected Areas	Implement
6.	Management under uncertainty				
6.1	Revise fishery plans and include summary statements of decision rules and requirements for ecosystem assessment.	4.14, 7.7	October	Implement and report	Note
7.	Cooperation with other organisations				
7.1	Raise with CWP the issue of improving and standardising the reporting of by-catch of non-fish species, drawing attention to CCAMLR's work in this area.	9.13	October	Implement and report	Note
7.2	Keep the Scientific Committee and its working groups informed of relevant developments in FIGS-FIRMS.	9.30	October	Implement and report	Note

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7.3	Contribute to a session on the Southern Ocean at the Fourth World Fisheries Congress, 2 to 6 May 2004, Vancouver, Canada.	9.33	April	Advise Members	Implement
7.4	Consider only those reports from Observers which had been submitted to the Secretariat by 0900 h on the opening day of the meeting.	9.34, 13.19	October	Advise Observers	Observers to implement
8.	Secretariat supported activities				
8.1	Complete the acoustic components of the survey database so that data from the CCAMLR-2000 Survey could be archived along with other acoustic survey data such as the BIOMASS dataset.	12.5	October	Implement and report	Note
8.2	Consult with Members planning acoustic surveys for icefish to ensure that the CCAMLR survey database was also able to capture these types of acoustic data.	12.5	March	Coordinate and implement	Advise as required
8.3	Review submissions of STATLANT data and ensure that these data provide the complete and correct official record of catch and effort.	12.7	March	Advise Members	Review and submit data as required
8.4	Submit available datasets from fishery surveys conducted in Subarea 48.3, as well as haul-by-haul catch and effort data from trawl and longline fishing targeting <i>D. eleginoides</i> between 1970 and 1995.	12.10	October	Advise Ukraine	Ukraine to implement
8.5	Continue developing the database of CCAMLR working documents and make available via the secure pages of the CCAMLR website.	12.14	August	Implement and report	Note
8.6	Re-schedule the submission deadline of STATLANT data.	12.15	December	Advise Members	Submit data
8.7	Publish the <i>Statistical Bulletin</i> on the basis of a season rather than a split-year.	12.15	June	Coordinate and implement	Note
8.8	Implement agreed steps to overcome problems with publication in <i>CCAMLR Science</i> of papers for which English is not the author's primary language, and which may need additional language editing assistance.	12.17	Ongoing	Coordinate and implement	Implement and note
9.	Scientific Committee activities				
9.1	Provide the Secretariat with a list of activities in 2002/03 which should be considered as high priority.	13.17	December	Prepare list and seek advice	Chair of Scientific Committee and conveners of working groups to implement
9.2	Review meeting agendas with the aim of further enhancing the flow of information and advice from the working groups to the Scientific Committee.	13.20	Ongoing	Advise Members	Working groups to implement
9.3	Invite observers at the 2002 meeting to participate in SC-CAMLR-XXII.	13.21	July	Invite Observers	Observers to implement