

11. For the purpose of Conservation Measures 23–01 and 23–03, the target species are *Chaenodraco wilsoni*, *Lepidonotothen kempi*, *Trematomus eulepidotus* and *Pleuragramma antarcticum* and by-catch species are defined as any species other than these species.

Data:

biological

12. Fine-scale biological data, as required under Conservation Measure 23–05 shall be collected and recorded. Such data shall be reported in accordance with the System of International Scientific Observation.

Research 13. The vessel participating in this exploratory fishery shall conduct fishery-based research in accordance with the Research and Data Collection Plans described in Annex 43–04/A. The results shall be reported to CCAMLR not later than three months after the closure of the fishery.

#### ANNEX 43–04/A

##### RESEARCH AND DATA COLLECTION PLANS

1. The small-scale research units (SSRUs) for this fishery will be those specified in Annex B of Conservation Measure 41–01.

2. The vessel undertaking prospecting or commercial fishing in any SSRU must undertake the following research activities once 10 tons of any one species have been caught, irrespective of the number of hauls required:

(i) a minimum of 20 hauls must be made within the SSRU and must collectively satisfy the criteria specified in subparagraphs (ii) to (iv);

(ii) each haul must be separated by not less than 5 n miles from any other haul, distance to be measured from the geographical mid-point of each haul;

(iii) each haul shall comprise at least 30 minutes effective fishing time as defined in the *Draft Manual for Bottom Trawl Surveys in the Convention Area* (SC-CAMLR-XI, Annex 5, Appendix H, Attachment E, paragraph 4);

(iv) all data specified in the paragraph 4 of this annex shall be collected for every research haul; in particular, all fish in a research haul up to 100 fish are to be measured and biological characteristics obtained from 30 fish, where more than 100 fish are caught, a method for randomly subsampling the fish should be applied.

3. The requirement to undertake the above research activities applies irrespective of the period over which the trigger levels of 10 tons of catch in any SSRU are achieved during the 2003/04 fishing season. The research

activities must commence immediately the trigger levels have been reached and must be completed before the vessel leaves the SSRU.

4. In each SSRU and in locations where the bottom depth is 280 m or less:

(i) a maximum total of 20 commercial bottom trawls may be conducted in no more than 10 locations, but with no more than four bottom trawls in any one location;

(ii) each location must be at least 5 n miles distant from any other location;

(iii) at each location trawled, three separate samples will be taken with a beam trawl in the vicinity of the commercial trawl track to assess the benthos present and compare with the benthos brought up in the commercial trawl;

(iv) catches from this program will not count towards the value that triggers the 20 research shots in an SSRU as defined in paragraph 2 above.

5. The following data and material will be collected from research and commercial hauls, as required by the CCAMLR Scientific Observers Manual:

(i) position, date and depth at the start and end of every haul;

(ii) haul-by haul catch and catch per effort by species;

(iii) haul-by haul length frequency of common species;

(iv) sex and gonad state of common species;

(v) diet and stomach fullness;

(vi) scales and/or otoliths for age determination;

(vii) by-catch of fish and other organisms;

(viii) observations on the occurrence of seabirds and mammals in relation to fishing operations, and details of any incidental mortality of these animals.

#### CONSERVATION MEASURE 52–01 (2003)

##### *Limits on the Fishery for Crab in Statistical Subarea 48.3 in the 2003/04 Season*

The Commission hereby adopts the following conservation measure in accordance with Conservation Measure 31–01:

Access 1. The fishery for crab in Statistical Subarea 48.3 shall be conducted by vessels using pots only. The crab fishery is defined as any commercial harvest activity in which the target species is any member of the crab group (Order Decapoda, Suborder Reptantia).

2. The crab fishery shall be limited to one vessel per Member.

3. Each Member intending to participate in the crab fishery shall notify the CCAMLR Secretariat at least

three months in advance of starting fishing of the name, type, size, registration number, radio call sign, and research and fishing operations plan of the vessel that the Member has authorized to participate in the crab fishery.

Catch limit 4. The total catch of crab in Statistical Subarea 48.3 in the 2003/04 season shall not exceed a precautionary catch limit of 1 600 tons.

5. The crab fishery shall be limited to sexually mature male crabs - all female and undersized male crabs caught shall be released unharmed. In the case of *Paralomis spinosissima* and *Paralomis formosa*, males with a minimum carapace width of 94 mm and 90 mm, respectively, may be retained in the catch.

Season 6. For the purpose of the pot fishery for crab in Statistical Subarea 48.3, the 2003/04 season is defined as the period from 1 December 2003 to 30 November 2004, or until the catch limit is reached, whichever is sooner.

By-catch 7. The by-catch of *Dissostichus eleginoides* shall be counted against the catch limit in the fishery for *Dissostichus eleginoides* in Statistical Subarea 48.3.

Observers 8. Each vessel participating in this fishery shall have at least one scientific observer appointed in accordance with the CCAMLR Scheme of International Scientific Observation, and where possible one additional scientific observer, on board throughout all fishing activities within the fishing period. Scientific observers shall be afforded unrestricted access to the catch for statistical random sampling prior to, as well as after, sorting by the crew.

Data:

catch/effort

9. For the purpose of implementing this conservation measure in the 2003/04 season, the following shall apply:

(i) the Ten-day Catch and Effort

Reporting System set out in Conservation Measure 23–02;

(ii) the Monthly Fine-scale Catch and Effort Reporting System set out in Conservation Measure 23–04. Fine-scale data shall be submitted on a haul-by-haul basis.

10. For the purpose of Conservation Measures 23–02 and 23–04 the target species is crab and by-catch species are defined as any species other than crab.

Data:

biological

11. Fine-scale biological data, as required under Conservation Measure 23–05, shall be collected and recorded. Such data shall be reported in accordance with the Scheme of International Scientific Observation.

Research