

CONSERVATION MEASURE 212/XIX
**Exploratory Trawl Fishery for *Chaenodraco wilsoni*,
Lepidonotothen kempfi, *Trematomus eulepidotus* and
Pleuragramma antarcticum in Statistical Division 58.4.2
in the 2000/01 Season**

The Commission hereby adopts the following conservation measure in accordance with Conservation Measure 65/XII:

1. Fishing for *Chaenodraco wilsoni*, *Lepidonotothen kempfi*, *Trematomus eulepidotus*, and *Pleuragramma antarcticum* by trawl in Statistical Division 58.4.2 south of 64°S shall be limited to the exploratory fishery by Australian-flagged vessels.
2. The total catch of all species in the 2000/01 season shall not exceed 1 500 tonnes.
3. The catch of *Chaenodraco wilsoni* in the 2000/01 season shall be taken by the midwater trawl method only, except for the research program on shallow-water bottom trawling specified in paragraph 4 of Annex 212/A of this conservation measure, and shall not exceed 500 tonnes.
4. The catches of *Lepidonotothen kempfi*, *Trematomus eulepidotus* and *Pleuragramma antarcticum* in the 2000/01 season shall be taken by the midwater trawl method only, except for the research program on shallow-water bottom trawling specified in paragraph 4 of Annex 212/A of this conservation measure, and shall not exceed 300 tonnes for any one species.
5. Any *Dissostichus* spp. caught during the directed fishery for the above species shall be deducted from the catch of *Dissostichus* spp. authorised in Conservation Measure 207/XIX.

6. (i) The by-catch in this exploratory fishery shall be regulated as set out in Conservation Measure 201/XIX.
 - (ii) If, in the course of a directed fishery, the by-catch in any one haul of any by-catch species for which by-catch limitations apply, as set out in paragraph 6(i) of this conservation measure, is equal to, or greater than 2 tonnes, then the fishing vessel shall not fish using that method of fishing at any point within 5 n miles¹ of the location where the by-catch exceeded 2 tonnes for a period of at least five days². The location where the by-catch exceeded 2 tonnes is defined as the path followed by the fishing vessel from the point at which the fishing gear was first deployed from the fishing vessel to the point at which the fishing gear was retrieved by the fishing vessel. These provisions do not apply to activities undertaken under paragraph 2(f) of Annex 212/A of this conservation measure.
7. For the purposes of this exploratory trawl fishery, the 2000/01 fishing season is defined as the period from 1 December 2000 to 30 November 2001 or until the catch limit is reached, whichever is the sooner.
8. Each vessel participating in this exploratory trawl fishery in Statistical Division 58.4.2 in the 2000/01 season shall have at least one scientific observer appointed in accordance with the CCAMLR Scheme of International Scientific Observation on board throughout all fishing activities within this division.
9. Each vessel operating in this exploratory trawl fishery in Statistical Division 58.4.2 shall be required to operate a VMS at all times, in accordance with Conservation Measure 148/XVII.
10. For the purpose of implementing this conservation measure:
 - (i) the Five-day Catch and Effort Reporting System set out in Conservation Measure 51/XIX shall apply; and
 - (ii) the monthly fine-scale biological data, as required under Conservation Measure 121/XIX, shall be recorded and reported in accordance with the System of International Scientific Observation.
11. The total number and weight of *Dissostichus* spp. discarded, including those with the 'jellymeat' condition, shall be reported. These fish will count towards the total allowable catch.
12. The data collection and research plans in Annex 212/A shall be implemented and the results reported to CCAMLR not later than three months after the closure of the fishery.

¹ This provision is adopted pending the adoption of a more appropriate definition of a fishing location by the Commission.

² The specified period is adopted in accordance with the reporting period specified in Conservation Measure 51/XIX, pending the adoption of a more appropriate period by the Commission.

ANNEX 212/A**RESEARCH AND DATA COLLECTION PLANS**

1. There shall be five small-scale research units (SSRUs), bounded by the longitudes 30°E to 40°E, 40°E to 50°E, 50°E to 60°E, 60°E to 70°E and 70°E to 80°E.
2. Any vessel undertaking prospecting or commercial fishing in any SSRU must undertake the following research activities once 10 tonnes 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 10 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); and
 - (iv) all data specified in the paragraph 5 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 tonnes of catch in any SSRU are achieved during the 2000/01 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 the SSRU between 60°E and 70°E and in locations where the bottom depth is 280 m or less:
 - (i) a maximum total of 10 commercial bottom trawls may be conducted in no more than seven locations, but with no more than two bottom trawls in any one location;
 - (ii) each location must be at least 5 n miles distant from any other location; and
 - (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.

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