

CONSERVATION MEASURES ADOPTED IN 1991

CONSERVATION MEASURE 29/X

Minimising of the Incidental Mortality of Seabirds in the Course of Longline Fishing or Longline Fishing Research in the Convention Area

10.1 The Commission,

Noting the need to reduce the incidental mortality of seabirds during longline fishing by minimising their attraction to the fishing vessels and by preventing them from attempting to seize baited hooks, particularly during the period when the lines are set,

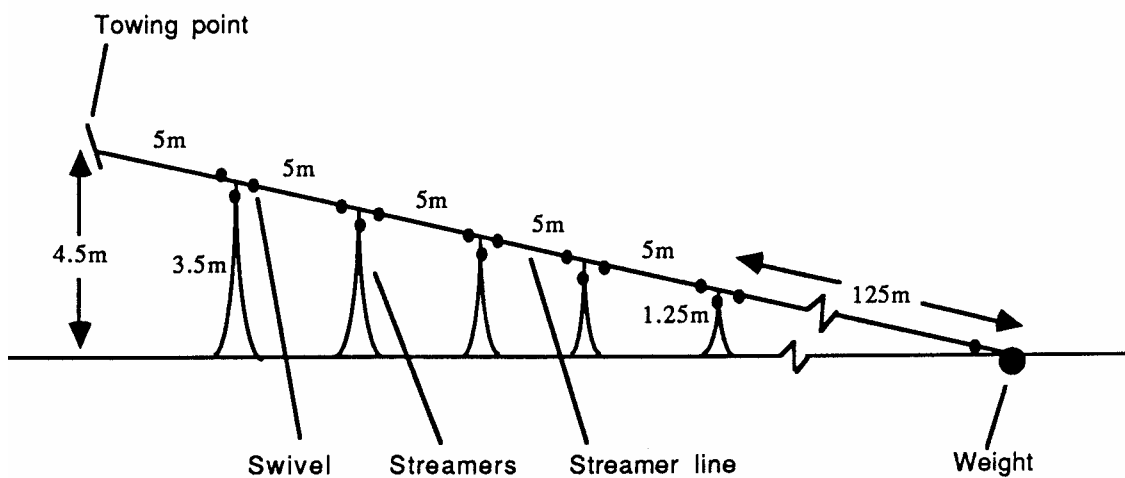
Recognising that successful techniques for reducing the mortality of albatrosses have been employed in the longline fishery for tuna immediately to the north of the Convention Area,

Agrees to the following measures to reduce the possibility of incidental mortality of seabirds during longline fishing.

1. Fishing operations shall be conducted in such a way that the baited hooks sink as soon as possible after they are put in the water.
2. During the setting of longlines at night only, the minimum ship's lights necessary for safety shall be used.
3. Trash and offal are not to be dumped while longline operations are in progress.
4. A streamer line designed to discourage birds from settling on baits during deployment of longlines shall be towed during daylight operations. The specification of the streamer line and its method of deployment is given in the Appendix to this Measure.
5. This Measure shall not apply to designated research vessels investigating better methods for reducing incidental mortality of seabirds.

APPENDIX TO CONSERVATION MEASURE 29/X

1. The streamer line is to be suspended at the stern from a point approximately 4.5 m above the water and such that the line is directly above the point where the baits hit the water.
2. The streamer line is to be approximately 3 mm diameter, have a minimum length of 150 m and be weighted at the end so that it streams directly behind the ship even in cross winds.
3. At 5 m intervals commencing from the point of attachment to the ship five branch streamers each comprising two strands of approximately 3 mm diameter cord should be attached. The length of the streamer should range between approximately 3.5 m nearest the ship to approximately 1.25 m for the fifth streamer. When the streamer line is deployed the branch streamers should reach the sea surface and periodically dip into it as the ship heaves. Swivels should be placed in the streamer line at the towing point, before and after the point of attachment of each branch streamer and immediately before any weight placed on the end of the streamer line. Each branch streamer should also have a swivel at its attachment to the streamer line.



CONSERVATION MEASURE 30/X
Net Monitor Cables

10.2 The use of net monitor cables on harvesting vessels in the CCAMLR Convention Area is prohibited from the 1994/95 fishing season.

CONSERVATION MEASURE 31/X
Notification that Members are Considering
Initiating a New Fishery

10.3 The Commission,

Recognising that in the past, Antarctic fisheries have been initiated in the Convention Area before sufficient information was available upon which to base management advice,

Noting that in recent years new fisheries have started without adequate information being available to evaluate either the fishery potential or the possible impacts on the target stocks or species dependent on them,

Believing that without prior notification of a new fishery, the Commission is unable to fulfil its function under Article IX,

herby adopts the following Conservation Measure in accordance with Article IX of the Convention:

1. A new fishery, for the purpose of this Conservation Measure, is a fishery on a species using a particular fishing method in a statistical subarea for which:
 - (i) information on distribution, abundance, demography, potential yield and stock identity from comprehensive research/surveys or exploratory fishing have not been submitted to CCAMLR;
or
 - (ii) catch and effort data have never been submitted to CCAMLR;
or
 - (iii) catch and effort data from the two most recent seasons in which fishing occurred have not been submitted to CCAMLR.

2. A Member intending to develop a new fishery shall notify the Commission not less than three months in advance of the next regular meeting of the Commission, where the matter shall be considered. The Member shall not initiate a new fishery pending the process specified in paragraphs 4 and 5 below;
3. The notification shall be accompanied by as much of the following information as the Member is able to provide:
 - (i) the nature of the proposed fishery including target species, methods of fishing, proposed region and any minimum level of catches that would be required to develop a viable fishery;
 - (ii) biological information from comprehensive research/survey cruises, such as distribution, abundance, demographic data and information on stock identity;
 - (iii) details of dependent and associated species and the likelihood of them being affected by the proposed fishery; and
 - (iv) information from other fisheries in the region or similar fisheries elsewhere that may assist in the valuation of potential yield;
4. The information provided in accordance with paragraph 3, together with any other relevant information, shall be considered by the Scientific Committee, which shall then advise the Commission;
5. After its review of the information on the proposed new fishery, taking full account of the recommendations and the advice of the Scientific Committee, the Commission may then take such action as it deems necessary.

CONSERVATION MEASURE 32/X
Precautionary Catch Limitations on *Euphausia superba*
in Statistical Area 48

- 10.4 The total catch of *Euphausia superba* in Statistical Area 48 shall be limited to 1.5 million tonnes in any fishing season. A fishing season begins on 1 July and finishes on 30 June of the following year.

This limit shall be kept under review by the Commission, taking into account the advice of the Scientific Committee.

Precautionary limits to be agreed by the Commission on the basis of advice of the Scientific Committee shall be applied to subareas, or on such other basis as the Scientific Committee may advise, if the total catch in Statistical Subareas 48.1, 48.2 and 48.3 in any fishing season exceeds 620 000 tonnes.

For the purpose of implementing this Conservation Measure the catches shall be reported to the Commission on a monthly basis.

CONSERVATION MEASURE 33/X

Prohibition of Directed Fishery on *Champscephalus gunnari*
in Statistical Subarea 48.3 for the 1991/92 Season

10.5 This Conservation Measure is adopted in accordance with Conservation Measure 7/V:

Directed fishing on *Champscephalus gunnari* in Statistical Subarea 48.3 is prohibited in the 1991/92 season, defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.

CONSERVATION MEASURE 34/X

Prohibition of Directed Fishery on *Notothenia gibberifrons*, *Chaenocephalus aceratus*,
Pseudochaenichthys georgianus, *Notothenia squamifrons* and *Patagonotothen guntheri*,
in Statistical Subarea 48.3 for the 1991/92 Season

10.6 This Conservation Measure is adopted in accordance with Conservation Measure 7/V:

Directed fishing on *Notothenia gibberifrons*, *Chaenocephalus aceratus*,
Pseudochaenichthys georgianus, *Notothenia squamifrons* and *Patagonotothen guntheri* in Statistical Subarea 48.3 is prohibited in the 1991/92 season, defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.

CONSERVATION MEASURE 35/X
Catch Limit on *Dissostichus eleginoides* in
Statistical Subarea 48.3 for the 1991/92 Season

10.7 This Conservation Measure is adopted in accordance with Conservation Measure 7/V:

1. The total catch of *Dissostichus eleginoides* in Statistical Subarea 48.3 caught in the 1991/92 season shall be limited to 3 500 tonnes.
2. For the purpose of the fishery for *Dissostichus eleginoides* in Statistical Subarea 48.3, the 1991/92 fishing season is defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.
3. For the purpose of implementing this Conservation Measure:
 - (i) the Catch Reporting System set out in Conservation Measure 36/X shall apply in the 1991/92 season, commencing on 2 November 1991.
 - (ii) the Data Reporting System set out in Conservation Measure 37/X shall apply in the 1991/92 season, commencing on 2 November 1991.

CONSERVATION MEASURE 36/X
Five-day Catch and Effort Reporting System
in Statistical Subarea 48.3 for the 1991/92 Season

10.8 This Conservation Measure is adopted in accordance with Conservation Measure 7/V where appropriate:

1. For the purposes of this Catch and Effort Reporting System the calendar month shall be divided into six reporting periods, viz.: day 1 to day 5, day 6 to day 10, day 11 to day 15, day 16 to day 20, day 21 to day 25 and day 26 to the last day of the month. These reporting periods are hereinafter referred to as periods A, B, C, D, E and F.
2. At the end of each reporting period, each Contracting Party shall obtain from each of its vessels its total catch and total days and hours fished for that period and shall, by cable or telex, transmit the aggregated catch and days and hours fished for its vessels so as to reach the Executive Secretary not later than the end of the next reporting period.

3. Such reports shall specify the month and reporting period (A, B, C, D, E or F) to which each report refers.
4. Immediately after the deadline has passed for receipt of the reports for each period, the Executive Secretary shall notify all Contracting Parties engaged in fishing activities in the area, of the total catch taken during the reporting period, the total aggregate catch for the season to date together with an estimate of the date upon which the total allowable catch is likely to be reached for that season. The estimate shall be based on a projection forward of the trend in daily catch rates, obtained using linear regression techniques from a number of the most recent catch reports.
5. At the end of every five reporting periods, the Executive Secretary shall inform all Contracting Parties of the total catch taken during the five most recent reporting periods, the total aggregate catch for the season to date together with an estimate of the date upon which the total allowable catch is likely to be reached for that season.
6. If the estimated date of completion of the TAC is within five days of the date on which the Secretariat received the report of the catches, the Executive Secretary shall inform all Contracting Parties that the fishery will close on that estimated day or on the day on which the report was received, whichever is the later.

CONSERVATION MEASURE 37/X

Effort and Biological Data Reporting System for *Dissostichus eleginoides*
in Statistical Subarea 48.3 for the 1991/92 Season

10.9 This Conservation Measure is adopted in accordance with Conservation Measure 7/V:

1. At the end of each reporting period, as defined in Conservation Measure 36/X, each Contracting Party shall obtain from each of its vessels the haul-by-haul data required to complete the CCAMLR fine-scale catch and effort data form for longline fisheries (Form C2, Ver. 2). It shall transmit those data to the Executive Secretary not later than the end of the following reporting period.
2. At the end of each month, each Contracting Party shall obtain from each of its vessels a representative sample of length composition measurements from the fishery (Form B2, Ver. 4). It shall transmit those data to the Executive Secretary not later than the end of the following month.

3. Failure by a Contracting Party to provide the haul-by-haul data for three consecutive reporting periods shall result in the closure of the fishery to vessels of that Contracting Party. If the Executive Secretary has not received haul-by-haul data for two consecutive reporting periods he shall notify the Contracting Party that the fishery will be closed to that Contracting Party unless those data (including arrears of data) are provided by the end of the next reporting period. If at the end of the next reporting period those data have still not been provided, the Executive Secretary shall notify all Contracting Parties of the closure of the fishery to vessels of the Contracting Party which has failed to supply the data as required.
4. Failure by a Contracting Party to provide the length composition data for three consecutive months shall result in the closure of the fishery to vessels of that Contracting Party. If the Executive Secretary has not received length composition data for two consecutive months he shall notify the Contracting Party that the fishery will be closed to that Contracting Party unless those data (including arrears of data) are provided by the end of the next month. If at the end of the next month those data have still not been provided, the Executive Secretary shall notify all Contracting Parties of the closure of the fishery to vessels of the Contracting Party which has failed to supply the data as required.

CONSERVATION MEASURE 38/X

Limitation of the Total Catch of *Electrona carlsbergi*
in Statistical Subarea 48.3 for the 1991/92 Season

10.10 This Conservation Measure is adopted in accordance with Conservation Measure 7/V:

1. For the purpose of this Conservation Measure the fishing season is defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.
2. The total catch of *Electrona carlsbergi* in the 1991/92 season shall not exceed 245 000 tonnes in Statistical Subarea 48.3
3. In addition, the total catch of *Electrona carlsbergi* in the 1991/92 season shall not exceed 53 000 tonnes in the Shag Rocks region, defined as the area bounded by 52°30'S, 40°W; 52°30'S, 44°W; 54°30'S, 40°W and 54°30'S, 44°W.
4. In Statistical Subarea 48.3, the by-catch of *Notothenia gibberifrons* shall not exceed 500 tonnes and the by-catch of any of the following species: *Notothenia rossii*,

Notothenia squamifrons, *Chaenocephalus aceratus*, *Pseudochaenichthys georgianus* and *Champscephalus gunnari* shall not exceed 300 tonnes.

5. The fishery in Statistical Subarea 48.3 shall close if the by-catch of any of the species named in paragraph 4 above reaches their by-catch limit or if the total catch of *Electrona carlsbergi* reaches 245 000 tonnes, whichever comes first.
6. The fishery in the Shag Rocks region shall close if the by-catch of any of the species named in paragraph 4 above reaches their by-catch limit or if the total catch of *Electrona carlsbergi* reaches 53 000 tonnes, whichever comes first.
7. If, in the course of the directed fishery for *Electrona carlsbergi*, the by-catch of any one haul of any of the species named in paragraph 4 above exceeds 5%, the fishing vessel shall move to another fishing ground within the subarea.
8. For the purpose of implementing this Conservation Measure:
 - (i) the Catch Reporting System set out in Conservation Measure 40/X shall apply in the 1991/92 season; and
 - (ii) the Data Reporting System set out in Conservation Measure 39/X shall apply in the 1991/92 season.

CONSERVATION MEASURE 39/X
Biological Data Reporting System for *Electrona carlsbergi*
in Statistical Subarea 48.3 for the 1991/92 Season

10.11 This Conservation Measure is adopted in accordance with Conservation Measure 7/V.

Each month the length composition of a minimum of 500 fish, randomly collected from the commercial fishery, will be measured and the information passed to the Executive Secretary not later than the end of the month following.

CONSERVATION MEASURE 40/X
Monthly Catch and Effort Reporting System

10.12 This Conservation Measure is adopted in accordance with Conservation Measure 7/V where appropriate:

1. For the purposes of this Catch and Effort Reporting System the reporting period shall be defined as one calendar month.
2. At the end of each reporting period, each Contracting Party shall obtain from each of its vessels its total catch and total days and hours fished for that period and shall, by cable or telex, transmit the aggregated catch and days and hours fished for its vessels so as to reach the Executive Secretary not later than the end of the next reporting period.
3. Such reports shall specify the month to which each report refers.
4. Immediately after the deadline has passed for receipt of the reports for each period, the Executive Secretary shall notify all Contracting Parties of the total catch taken during the reporting period, the total aggregate catch for the season to date together with an estimate of the date upon which the total allowable catch is likely to be reached for that season. The estimate shall be based on a projection forward of the trend in daily catch rates, obtained using linear regression techniques from a number of the most recent catch reports.
5. In the case of finfish, if the estimated date of completion on the TAC is within one reporting period of the date on which the Secretariat received the report of the catches, the Executive Secretary shall inform all Contracting Parties that the fishery will close on that estimated day or on the day on which the report was received, whichever is the later.

CONSERVATION MEASURE 41/X
Prohibition of Directed Fishing for Finfish in
Statistical Subarea 48.1 for the 1991/92 Season

10.13 Taking of finfish, other than for scientific research purposes, in Statistical Subarea 48.1 is prohibited in the 1991/92 season, defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.

CONSERVATION MEASURE 42/X
Prohibition of Directed Fishing for Finfish in
Statistical Subarea 48.2 for the 1991/92 Season

10.14 Taking of finfish, other than for scientific research purposes, in Statistical Subarea 48.2 is prohibited in the 1991/92 season, defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.

CONSERVATION MEASURE 43/X
Prohibition of Directed Fishing for *Notothenia squamifrons*
Statistical Division 58.4.4 (Ob and Lena Banks) for the 1991/92 Season

10.15 Taking of *Notothenia squamifrons*, other than for scientific research purposes, in Statistical Division 58.4.4 (Ob and Lena Banks) is prohibited in the 1991/92 season, defined as the period from 2 November 1991 to the end of the Commission meeting in 1992.