

**Conservation Measure 41-10 (2022)**  
**Limits on the exploratory fishery for *Dissostichus mawsoni***  
**in Statistical Subarea 88.2 in the 2022/23 season**

Species	toothfish
Area	88.2
Season	2022/23
Gear	longline

The Commission hereby adopts the following conservation measure in accordance with Conservation Measure 21-02:

- Access            1.        Fishing for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be limited in the 2022/23 season to the exploratory longline fishery by Australia, Japan, the Republic of Korea, New Zealand, Spain, Ukraine and Uruguay. The fishery in small-scale research units (SSRUs) C, D, E, F, G, H and I shall be conducted by two (2) Australian, one (1) Japanese, six (6) Korean, three (3) New Zealand, one (1) Spanish, five (5) Ukrainian and one (1) Uruguayan flagged vessels using longlines only.
- Catch limit      2.        The total catch of *Dissostichus mawsoni* in Statistical Subarea 88.2 in the 2022/23 season shall not exceed a precautionary catch limit applied as follows:
- (i)    SSRUs A and B outside the Ross Sea region marine protected area and north of 70°S – included in the catch limit in Conservation Measure 41-09, paragraph 2(i)
  - (ii)   SSRUs A and B outside the Ross Sea region marine protected area and south of 70°S – included in the catch limit in Conservation Measure 41-09, paragraph 2(ii)
  - (iii)   The part of SSRU A within the Special Research Zone of the Ross Sea region marine protected area – included in the catch limit in Conservation Measure 41-09, paragraph 2(iii)
  - (iv)   Research block 1 as defined in Annex 41-10/A – 230 tonnes
  - (v)    Research block 2 as defined in Annex 41-10/A – 268 tonnes
  - (vi)   Research block 3 as defined in Annex 41-10/A – 208 tonnes
  - (vii)   Research block 4 as defined in Annex 41-10/A – 185 tonnes
  - (viii) SSRU H – 122 tonnes
  - (ix)   SSRU I – 0 tonnes.
- Season            3.        For the purpose of the exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2 SSRUs C–G, the 2022/23 season is defined as the period from 1 December 2022 to 31 August 2023. In SSRU H the season is defined as the period from 14 December 2022 to 31 August 2023.

4. The exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be carried out in accordance with the provisions of Conservation Measure 41-01, except paragraph 6.
- By-catch
5. The by-catch in SSRU H and in each of the research blocks defined in Annex 41-10/A in Statistical Subarea 88.2 in the 2022/23 season shall be regulated as set out in Conservation Measure 33-03.  
  
The by-catch in Statistical Subarea 88.2 SSRUs A and B shall be regulated under Conservation Measure 41-09, paragraph 6.
- Mitigation
6. The exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be carried out in accordance with the provisions of Conservation Measure 25-02.
  7. Any vessel catching a total of three (3) seabirds shall immediately change to night setting only (i.e. setting only during the hours of darkness between the times of [nautical twilight](#)<sup>1)</sup><sup>2)</sup>.
- Observers
8. Each vessel participating in the fishery shall have at least two scientific observers, one of whom shall be an observer appointed in accordance with the CCAMLR Scheme of International Scientific Observation, on board throughout all fishing activities within the fishing period.
- VMS
9. Each vessel participating in this exploratory longline fishery shall be required to operate a VMS at all times, in accordance with Conservation Measure 10-04.
- CDS
10. Each vessel participating in this exploratory longline fishery shall be required to participate in the Catch Documentation Scheme for *Dissostichus* spp., in accordance with Conservation Measure 10-05.
- Research
11. The activities in Statistical Subarea 88.2 SSRUs C, D, E, F, G and H will be conducted under the two-year data collection plan<sup>3)</sup>.
  12. Each vessel participating in this exploratory fishery shall conduct fishery-based research in accordance with the Research Plan and Tagging Program described in Conservation Measure 41-01, Annex 41-01/B and Annex 41-01/C respectively. The setting of research hauls (Conservation Measure 41-01, Annex 41-01/B, paragraphs 3 and 4) is not required.  
  
Each vessel participating in exploratory fishing in Statistical Subarea 88.2 SSRU H shall complete at least five research hauls as defined in Conservation Measure 41-01, Annex 41-01/B, paragraph 4, outside Areas 1 and 2 (Annex 41-10/B) before further fishing in SSRU H.
  13. Toothfish shall be tagged at a rate of at least three fish per tonne green weight caught in Statistical Subarea 88.2 SSRU H and at a rate of at least three fish per tonne green weight in each of the research blocks in SSRUs C–G.

The tag-overlap statistic shall be calculated for Statistical Subarea 88.2 SSRU H and for each individual research block in SSRUs C–G (paragraph 2).

Tagging in SSRUs A and B shall be in accordance with Conservation Measure 41-09, paragraph 13.

- Data: catch/effort
14. For the purpose of implementing this conservation measure in the 2022/23 season, the following shall apply:
- (i) the Daily Catch and Effort Reporting System set out in Conservation Measure 23-07;
  - (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.
15. For the purpose of Conservation Measures 23-07 and 23-04, the target species is *Dissostichus mawsoni* (any *Dissostichus eleginoides* caught shall be counted towards the overall catch limit for *Dissostichus mawsoni*) and ‘by-catch species’ are defined as any species other than *Dissostichus* spp.
- Data: biological
16. 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 CCAMLR Scheme of International Scientific Observation.
- Environ-mental protection
17. Conservation Measure 26-01 applies.
18. Conservation Measures 22-06, 22-07 and 22-08 apply.
- <sup>1</sup> The exact times of nautical twilight are set forth in the Nautical Almanac tables for the relevant latitude, local time and date. A copy of the algorithm for calculating these times is available from the CCAMLR Secretariat. All times, whether for ship operations or observer reporting, shall be referenced to Coordinated Universal Time (UTC).
- <sup>2</sup> Wherever possible, when night setting, setting of lines should be completed at least three hours before sunrise (to reduce loss of bait to/catches of white-chinned petrels).
- <sup>3</sup> As set out in SC-CAMLR-XXXIII, paragraph 3.173 (2014).

Annex 41-10/A

### Research blocks

Research block 88.2\_1 coordinates

73°48'S	108°00'W
73°48'S	105°00'W
75°00'S	105°00'W
75°00'S	108°00'W

## Research block 88.2\_2 coordinates

73°18'S	119°00'W
73°18'S	111°30'W
74°12'S	111°30'W
74°12'S	119°00'W

## Research block 88.2\_3 coordinates

72°12'S	122°00'W
70°50'S	115°00'W
71°42'S	115°00'W
73°12'S	122°00'W

## Research block 88.2\_4 coordinates

72°36'S	140°00'W
72°36'S	128°00'W
74°42'S	128°00'W
74°42'S	140°00'W.

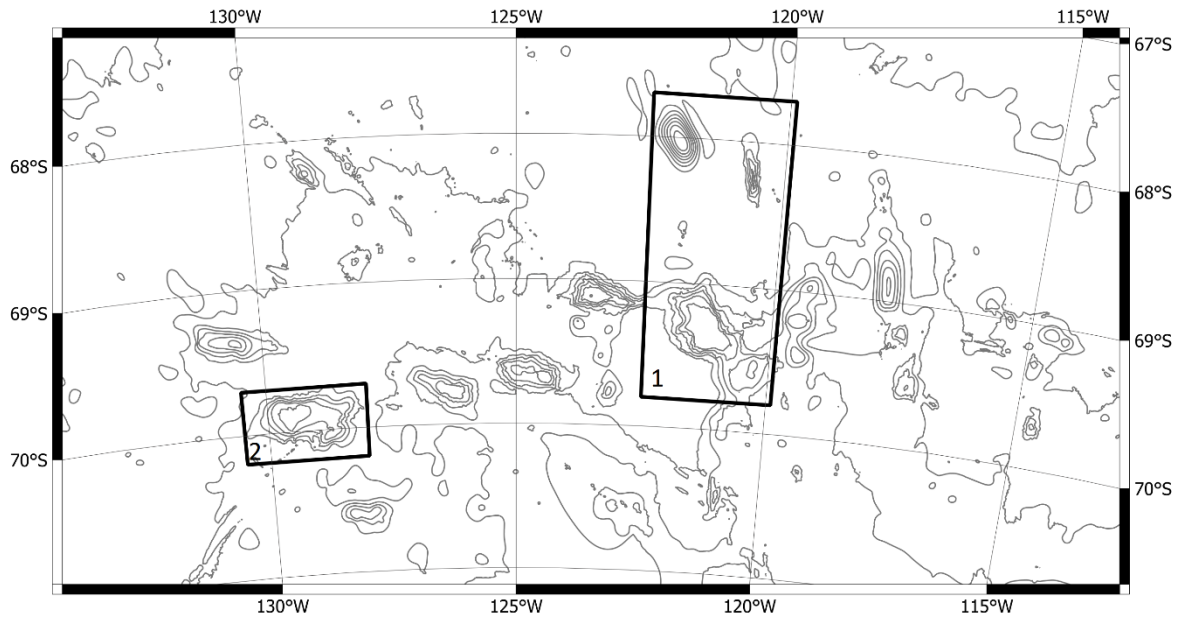


Figure 1: Plot of Statistical Subarea 88.2 SSRU H showing boundaries of two areas as defined in Table 1.

Table 1: Coordinates of two areas containing the major seamounts in Statistical Subarea 88.2 SSRU H (see also Figure 1).

Area 1

67°42'S	122°30'W
67°42'S	119°54'W
69°48'S	119°54'W
69°48'S	122°30'W

Area 2

69°42'S	130°30'W
69°42'S	128°00'W
70°12'S	128°00'W
70°12'S	130°30'W.