

**Conservation Measure 41-04 (2022)**  
**Limits on the exploratory fishery for *Dissostichus mawsoni***  
**in Statistical Subarea 48.6 in the 2022/23 season**

Species	toothfish
Area	48.6
Season	2022/23
Gear	longline

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

- |                       |  |
|-----------------------|--|
| Access                | <p>1. Fishing for <i>Dissostichus mawsoni</i> in Statistical Subarea 48.6 shall be limited to the exploratory longline fishery by Japan, South Africa and Spain. The fishery shall be conducted by Japanese, South African and Spanish flagged vessels using longlines only. No more than one vessel per country shall fish at any one time.</p> <p>2. This fishery shall be subject to the conditions in Conservation Measure 41-01, Annex 41-01/B. For the purpose of this fishery, the area open to fishing is defined by the research blocks in Annex 41-04/A.</p> |
| Catch limit           | <p>3. The total catch of <i>Dissostichus mawsoni</i> in Statistical Subarea 48.6 in the 2022/23 season shall not exceed a precautionary catch limit of 485 tonnes applied as follows:</p> <p style="margin-left: 40px;">Research block 48.6_2 – 123 tonnes<br/> Research block 48.6_3 – 37 tonnes<br/> Research block 48.6_4 – 157 tonnes<br/> Research block 48.6_5 – 168 tonnes.</p>   |
| Season                | <p>4. For the purpose of the exploratory longline fishery for <i>Dissostichus mawsoni</i> in Statistical Subarea 48.6, the 2022/23 season is defined as the period from 1 December 2022 to 30 November 2023.</p>   |
| By-catch              | <p>5. The by-catch in this fishery shall be regulated as set out in Conservation Measure 33-03.</p>  |
| Mitigation            | <p>6. The exploratory longline fishery for <i>Dissostichus mawsoni</i> in Statistical Subarea 48.6 shall be carried out in accordance with the provisions of Conservation Measure 25-02.</p> <p>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 <a href="#">nautical twilight</a><sup>1</sup>)<sup>2</sup>.</p>   |
| Observers             | <p>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.</p>  |
| Data:<br>catch/effort | <p>9. For the purpose of implementing this conservation measure in the 2022/23 season, the following shall apply:</p>  |

- (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.
10. 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 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 CCAMLR Scheme of International Scientific Observation.
- Research 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.
13. Toothfish shall be tagged at a rate of at least five fish per tonne green weight caught. The tagging rate and the tag-overlap statistic shall be calculated for each research block (paragraph 3).
- Environmental protection 14. Conservation Measure 26-01 applies.
15. There shall be no offal<sup>3</sup> discharge in this fishery.

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> ‘Offal’ is defined as bait and by-products from the processing of fish and other organisms, including parts or sections of fish or organisms which are by-products of processing.

Annex 41-04/A

### Research blocks

Research block 48.6\_2 coordinates

54°00'S	01°00'E
55°00'S	01°00'E
55°00'S	02°00'E
55°30'S	02°00'E
55°30'S	04°00'E

## Research block 48.6\_2 coordinates (continued)

56°30'S	04°00'E
56°30'S	07°00'E
56°00'S	07°00'E
56°00'S	08°00'E
54°00'S	08°00'E
54°00'S	09°00'E
53°00'S	09°00'E
53°00'S	03°00'E
53°30'S	03°00'E
53°30'S	02°00'E
54°00'S	02°00'E

## Research block 48.6\_3 coordinates

64°30'S	01°00'E
66°00'S	01°00'E
66°00'S	04°00'E
65°00'S	04°00'E
65°00'S	07°00'E
64°30'S	07°00'E

## Research block 48.6\_4 coordinates

68°20'S	10°00'E
68°20'S	13°00'E
69°30'S	13°00'E
69°30'S	10°00'E
69°45'S	10°00'E
69°45'S	06°00'E
69°00'S	06°00'E
69°00'S	10°00'E

## Research block 48.6\_5 coordinates

71°00'S	15°00'W
71°00'S	13°00'W
70°30'S	13°00'W
70°30'S	11°00'W
70°30'S	10°00'W
69°30'S	10°00'W
69°30'S	09°00'W
70°00'S	09°00'W
70°00'S	08°00'W
69°30'S	08°00'W
69°30'S	07°00'W
70°30'S	07°00'W
70°30'S	10°00'W
71°00'S	10°00'W
71°00'S	11°00'W
71°30'S	11°00'W
71°30'S	15°00'W.