

Conservation Measure 41-11 (2022)
Limits on the exploratory fishery for *Dissostichus mawsoni*
in Statistical Division 58.4.1 in the 2022/23 season

Species	toothfish
Area	58.4.1
Season	2022/23
Gear	longline

The Commission hereby adopts the following conservation measure in accordance with Conservation Measure 21-02 and notes that this measure would be for one year and that data arising from these activities would be reviewed by the Scientific Committee:

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|----------------------------------|--|----------|----------|----------|----------|----------------------------------|------------|----------------------------------|------------|----------|----------|----------------------------------|-----------|----------------------------------|-----------|----------|----------|----------------------------------|-----------|----------------------------------|------------|----------|-----------|
| Access | <p>1. Directed fishing shall not take place in Statistical Division 58.4.1 in 2022/23 for <i>Dissostichus mawsoni</i>.</p> <p>2. This fishery shall be subject to the conditions in Conservation Measure 41-01, Annex 41-01/B.</p> | | | | | | | | | | | | | | | | | | | | | | |
| Catch limit | <p>3. Without prejudice to paragraph 1, a precautionary catch limit of <i>Dissostichus mawsoni</i> in Statistical Division 58.4.1 in the 2022/23 season shall, on the basis of the trend analysis reported by the Scientific Committee, not exceed 566 tonnes as follows:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>SSRU A –</td> <td style="text-align: right;">0 tonnes</td> </tr> <tr> <td>SSRU B –</td> <td style="text-align: right;">0 tonnes</td> </tr> <tr> <td>SSRU C Research block 58.4.1_1 –</td> <td style="text-align: right;">138 tonnes</td> </tr> <tr> <td>SSRU C Research block 58.4.1_2 –</td> <td style="text-align: right;">139 tonnes</td> </tr> <tr> <td>SSRU D –</td> <td style="text-align: right;">0 tonnes</td> </tr> <tr> <td>SSRU E Research block 58.4.1_3 –</td> <td style="text-align: right;">79 tonnes</td> </tr> <tr> <td>SSRU E Research block 58.4.1_4 –</td> <td style="text-align: right;">46 tonnes</td> </tr> <tr> <td>SSRU F –</td> <td style="text-align: right;">0 tonnes</td> </tr> <tr> <td>SSRU G Research block 58.4.1_5 –</td> <td style="text-align: right;">60 tonnes</td> </tr> <tr> <td>SSRU G Research block 58.4.1_6 –</td> <td style="text-align: right;">104 tonnes</td> </tr> <tr> <td>SSRU H –</td> <td style="text-align: right;">0 tonnes.</td> </tr> </table> | SSRU A – | 0 tonnes | SSRU B – | 0 tonnes | SSRU C Research block 58.4.1_1 – | 138 tonnes | SSRU C Research block 58.4.1_2 – | 139 tonnes | SSRU D – | 0 tonnes | SSRU E Research block 58.4.1_3 – | 79 tonnes | SSRU E Research block 58.4.1_4 – | 46 tonnes | SSRU F – | 0 tonnes | SSRU G Research block 58.4.1_5 – | 60 tonnes | SSRU G Research block 58.4.1_6 – | 104 tonnes | SSRU H – | 0 tonnes. |
| SSRU A – | 0 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU B – | 0 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU C Research block 58.4.1_1 – | 138 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU C Research block 58.4.1_2 – | 139 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU D – | 0 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU E Research block 58.4.1_3 – | 79 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU E Research block 58.4.1_4 – | 46 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU F – | 0 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU G Research block 58.4.1_5 – | 60 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU G Research block 58.4.1_6 – | 104 tonnes | | | | | | | | | | | | | | | | | | | | | | |
| SSRU H – | 0 tonnes. | | | | | | | | | | | | | | | | | | | | | | |
| Season | <p>4. For the purpose of the exploratory longline fishery for <i>Dissostichus mawsoni</i> in Statistical Division 58.4.1, the 2022/23 season is defined as the period from 1 December 2022 to 30 November 2023.</p> | | | | | | | | | | | | | | | | | | | | | | |
| Fishing operations | <p>5. The exploratory longline fishery for <i>Dissostichus mawsoni</i> in Statistical Division 58.4.1 shall be carried out in accordance with the provisions of Conservation Measure 41-01, except paragraph 6.</p> | | | | | | | | | | | | | | | | | | | | | | |
| By-catch | <p>6. The by-catch in this fishery shall be regulated as set out in Conservation Measure 33-03.</p> | | | | | | | | | | | | | | | | | | | | | | |
| Mitigation | <p>7. The exploratory longline fishery for <i>Dissostichus mawsoni</i> in Statistical Division 58.4.1 shall be carried out in accordance with the provisions of Conservation Measure 25-02.</p> <p>8. 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 twilight¹)².</p> | | | | | | | | | | | | | | | | | | | | | | |

- Observers 9. 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.
- Research 10. 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.
11. 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).
- Data: catch/effort 12. 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;
 - (iii) fishing vessels undertaking research in accordance with Conservation Measure 24-01 shall report data in accordance with the requirements (i) to (ii) above.
13. 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 14. 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.
- Environmental protection 15. Conservation Measure 26-01 applies.
16. There shall be no offal³ discharge in this fishery.
17. Conservation Measures 22-06, 22-07, 22-08 and 22-09 apply.
- ¹ 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).
- ² 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).
- ³ ‘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.

Research blocks

Research block 58.4.1_1 coordinates

64°30'S	90°00'E
66°00'S	90°00'E
66°00'S	94°00'E
65°30'S	94°00'E
65°30'S	95°00'E
64°00'S	95°00'E
64°00'S	92°00'E
64°30'S	92°00'E

Research block 58.4.1_2 coordinates

62°30'S	96°00'E
64°00'S	96°00'E
64°00'S	97°00'E
65°00'S	97°00'E
65°00'S	100°00'E
62°30'S	100°00'E

Research block 58.4.1_3 coordinates

64°00'S	112°00'E
66°00'S	112°00'E
66°00'S	115°00'E
64°00'S	115°00'E

Research block 58.4.1_4 coordinates

64°30'S	118°00'E
66°00'S	118°00'E
66°00'S	120°00'E
64°30'S	120°00'E

Research block 58.4.1_5 coordinates

64°30'S	137°00'E
66°00'S	137°00'E
66°00'S	138°00'E
66°30'S	138°00'E
66°30'S	140°00'E
64°30'S	140°00'E

Research block 58.4.1_6 coordinates

64°00'S	130°00'E
65°30'S	130°00'E
65°30'S	134°00'E
64°00'S	134°00'E.