

Conservation Measure 41-03 (2021)
Limits on the fishery for *Dissostichus* spp. in Statistical Subarea 48.4 in the 2021/22 season

Species	toothfish
Area	48.4
Season	2021/22
Gear	longline

- Access
1. Directed fishing shall be by longlines only. The use of all other methods of directed fishing for *Dissostichus* spp. in Statistical Subarea 48.4 shall be prohibited.
 2. For the purpose of this fishery, the area open to fishing is defined as that portion of Statistical Subarea 48.4 that lies within the area bounded by latitudes 55°30'S and 57°20'S and by longitudes 25°30'W and 29°30'W, and by latitudes 57°20'S and 60°00'S and by longitudes 24°30'W and 29°00'W.
 3. A map illustrating the areas defined by paragraph 2 is appended to this conservation measure (Annex 41-03/A). The portion of Statistical Subarea 48.4 outside that defined above shall be closed to directed fishing for *Dissostichus* spp. in the 2021/22 season.
- Catch limit
4. The total catch of *Dissostichus eleginoides* shall be limited to 23 tonnes.
 5. The total catch of *Dissostichus mawsoni* shall be limited to 50 tonnes.
- Season
6. For the purposes of the fishery for *Dissostichus* spp. in Statistical Subarea 48.4, the fishing season shall be 1 December 2021 to 30 November 2022, or until the catch limits for both species are reached, whichever is sooner. If the catch limit for *Dissostichus mawsoni* is reached prior to the closure of the fishery, the area south of latitude 57°20'S shall be closed. If the catch limit for *Dissostichus eleginoides* is reached prior to the closure of the fishery, the area north of 58°00'S shall be closed.
- By-catch
7. The by-catch of finfish shall not exceed 3.7 tonnes for skates and rays and 11.7 tonnes for *Macrourus* spp.
 8. The by-catch of finfish shall trigger a move-on rule if the catch of skates and rays exceeds 5% of the catch of *Dissostichus* spp. in any one haul or set, or if the catch of *Macrourus* spp. reaches 150 kg and exceeds 16% of the catch of *Dissostichus* spp. in any one haul or set. If the move-on rule is triggered, then the fishing vessel shall move to another location at least 5 n miles¹ distant. The fishing vessel shall not return to any point within 5 n miles of the location where the move-on rule was triggered for a period of at least five days². The location where the move-on rule was triggered is defined as the path³ followed by the fishing vessel.
 9. For the purpose of these by-catch limits, 'Macrourus spp.' and 'skates and rays' shall each be counted as a single species.
- Mitigation
10. Fishing in Statistical Subarea 48.4 shall be carried out in accordance with the provisions of Conservation Measure 25-02.

11. Any vessel catching a total of three (3) seabirds shall immediately be required to set longlines at night only (i.e. during the hours of darkness between the times of [nautical twilight](#)⁴⁵).
- Observers 12. Each vessel participating in the fishery for *Dissostichus* spp. in Statistical Subarea 48.4 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 the fishing period.
- Data: catch/effort 13. For the purpose of implementing this conservation measure, the following shall apply:
- (i) the Five-day Catch and Effort Reporting System set out in Conservation Measure 23-01;
 - (ii) the Monthly Fine-scale Catch and Effort Data Reporting System set out in Conservation Measure 23-04. Data shall be reported on a haul-by-haul basis. For the purposes of Conservation Measure 23-04, the target species are *Dissostichus eleginoides* and *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.
- Tagging program 15. Each vessel taking part in the fishery for *Dissostichus* spp. in Statistical Subarea 48.4 shall undertake a tagging program in accordance with the CCAMLR Tagging Protocol. The following additional provisions shall apply:
- (i) fish should be tagged at an average rate of five fish per tonne of green weight catch throughout the season;
 - (ii) fish should be tagged that have been caught across as broad a range of depths within the designated area as practicable;
 - (iii) fish of a range of total lengths should be tagged.
- Environmental protection 16. Conservation Measure 26-01 applies.
- ¹ This provision concerning the minimum distance separating fishing locations 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 23-01, pending the adoption of a more appropriate period by the Commission.
- ³ For a longline or a pot, the path is defined from the point at which the first anchor of a set was deployed to the point at which the last anchor of that set was deployed.

- 4 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).
- 5 Wherever possible, setting of lines should be completed at least three hours before sunrise (to reduce loss of bait to/catches of white-chinned petrels).

Annex 41-03/A

Statistical Subarea 48.4 – The fishery as defined in paragraph 2. Latitudes and longitudes are given in degrees, and the dashed lines indicate latitudes 57°20'S and 58°00'S (refer paragraph 6).

