

Conservation Measure 24-01 (2018)^{1,2}**The application of conservation measures to scientific research**

Species	all
Area	all
Season	all
Gear	all

This conservation measure governs the application of conservation measures to scientific research and is adopted in accordance with Article IX of the Convention.

1. General application:

- (a) Catches taken by any vessel for research purposes will be considered as part of any catch limits in force for each species taken unless the catch limit in an area³ is set at zero.
- (b) In the event of research being undertaken in an area³ with a zero catch limit, then the catches adopted under paragraphs 2 or 3 below shall be considered to be the catch limit for the season in that area. When such an area sits within a group of areas to which an overall catch limit applies, that overall catch limit shall not be exceeded, including any catch taken for research purposes.

2. Application to Members taking less than 50 tonnes of finfish in a season, including no more than the amounts specified for finfish taxa in Annex 24-01/B and less than 0.1% of a given catch limit for non-fish taxa indicated in Annex 24-01/B:

- (a) Any Member planning to use a vessel or vessels for research purposes when the estimated seasonal catch is as above, shall notify the Secretariat of the Commission which in turn will notify all Members immediately, according to the format provided in Annex 24-01/A, format 1.
- (b) Vessels to which the provisions of paragraph 2(a) above apply, shall be exempt from conservation measures relating to mesh size regulations, prohibition of types of gear, closed areas, fishing seasons and size limits, and reporting system requirements other than those specified in paragraph 4 below.

For krill and finfish, this paragraph does not apply for catches less than 1 tonne.

3. Application to Members taking more than 50 tonnes of finfish or more than the amounts specified for finfish taxa in Annex 24-01/B or more than 0.1% of a given catch limit for non-fish taxa indicated in Annex 24-01/B:

- (a) Any Member planning to use any type of vessel or vessels to conduct fishing for research purposes when the estimated seasonal research catch is as above, shall notify the Commission and provide the opportunity for other Members to review and comment on its Research Plan. The plan shall be submitted to the Secretariat by 1 June, for review by the relevant working group(s) of the Scientific Committee. Plans submitted after 1 June will not be considered. The Secretariat shall post all Research Plans received by the 1 June deadline no later than 8 June on the password-protected part of the CCAMLR website. Based on the submitted Research Plan and any advice provided by the appropriate working group, the Scientific Committee will provide advice to the Commission where the review process will be concluded. Until the review process is complete, the planned fishing for research purposes shall not proceed.

- (b) Research Plans shall be reported in accordance with the standardised guidelines and format adopted by the Scientific Committee, given in Annex 24-01/A, format 2.
 - (c) Each fishing vessel⁴ conducting fishing for research purposes 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.
 - (d) When the review process in paragraph 3(a) is complete, beginning with the 2018/19 season, the Commission shall annually update Conservation Measure 24-05 to include, for each research plan authorised to proceed pursuant to paragraph 3(a), all applicable requirements (not otherwise provided for in this paragraph or in paragraphs 4 and 5), and any exemptions pursuant to Annex 24-01/A, format 2, that are agreed by the Commission.
4. Reporting requirements for these research activities are:
- (a) The CCAMLR within-season five-day reporting system shall apply, except for:
 - (i) exploratory finfish fisheries, where the daily reporting system (Conservation Measure 23-07) shall apply; (ii) exploratory krill fisheries, where the reporting system in Conservation Measure 51-04 shall apply; and (iii) other krill fisheries with a catch limit greater than zero, where the reporting system in Conservation Measure 23-06 shall apply.
 - (b) All research catches shall be reported to CCAMLR as part of the annual STATLANT returns.
 - (c) A summary of the results of any research subject to the above provisions shall be provided to the Secretariat within 180 days of the completion of the research fishing. Members shall provide a full report to the Scientific Committee within 12 months for review and comment.
 - (d) Catch, effort and biological data resulting from research fishing shall be reported to the Secretariat according to the following haul-by-haul reporting formats:
 - (i) Fishing vessels conducting fishing for research purposes in accordance with this conservation measure or Conservation Measure 21-02 shall report catch and effort data according to Conservation Measure 23-04 (trawl fisheries form C1, longline fisheries form C2, or pot fisheries form C5) and biological data as required in Conservation Measure 23-05.
 - (ii) Vessels undertaking trawl surveys in accordance with this conservation measure should report catch, effort and biological data according to the reporting format for research vessels (C4) and would not be required to complete C1 data.

5. Other requirements for these research activities are:

- (a) All vessels conducting research fishing under the research exemption, during a voyage that involves any commercial fishing, shall be linked to an automated satellite-linked vessel monitoring system in accordance with Conservation Measure 10-04.

¹ Except for waters adjacent to the Kerguelen and Crozet Islands

² Except for waters adjacent to the Prince Edward Islands

³ Any management area including subarea, division or SSRU, whichever is designated as a zero catch limit.

⁴ In the case of krill research undertaken by fishing vessels, the presence of qualified research scientist(s) on board is needed to conduct the notified Research Plan. In areas where there are no existing catch limits for krill, in accordance with Conservation Measure 51-04, one additional scientist who is a national of a Member other than the Member undertaking the research, shall be deemed to fulfil the requirements of paragraph 3(c). Where the krill research is to be conducted in areas where there are existing catch limits, the vessel must carry at least one scientific observer appointed in accordance with the CCAMLR Scheme of International Scientific Observation or at least one scientific observer appointed by the Contracting Party to fulfil the requirements of paragraph 3(c).

Annex 24-01/A

Formats for notification of research vessel activity

Format 1

Notification of research vessel activity in accordance with paragraph 2 of Conservation Measure 24-01

Name and registration number of vessel _____

Division and subarea in which research is to be carried out _____

Estimated dates of entering and leaving CAMLR Convention Area _____

Purpose of research _____

Fishing equipment likely to be used:

Bottom trawl _____

Midwater trawl _____

Longline _____

Crab pots _____

Other fishing gear (specify) _____

**Format for submitting finfish research proposals in accordance
with paragraph 3 of Conservation Measure 24-01 and
paragraph 6(iii) of Conservation Measure 21-02**

Category	Information
1. Main objective	(a) Objectives for the research and why it is a priority for CCAMLR. (b) Detailed description of how the proposed research will meet the objectives, including annual research milestones (where applicable), and end date of research. (c) Rationale for research, including relevant existing information on the target species from this region, linkage between research objectives and the stock hypothesis and information from other fisheries in the region or similar fisheries elsewhere.
2. Fishery operations	(a) Fishing Member (b) Vessel to be used: <ul style="list-style-type: none"> • Vessel name • Vessel owner • Vessel type (research or commercial vessel) • Port of registration and registration number • Radio call sign • Overall length and tonnage • Equipment used for determining position • Fishing capacity • Fishing processing and storage capacity. (c) Target species (d) Fishing or acoustic gear to be used: <ul style="list-style-type: none"> • Trawl type, mesh shape and size • Longline type • Other sampling gear • Type of acoustic gear and frequency. (e) Fishing regions (divisions, subareas and SSRUs) and geographical boundaries (f) Estimated dates of entering and leaving the CAMLR Convention Area.
3. Survey design, data collection and analysis	(a) Research survey/fishing design (description and rationale): <ul style="list-style-type: none"> • Spatial arrangements or maps of stations/hauls (e.g. randomised or gridded) • Stratification according to e.g. depth or fish density • Calibration/standardisation of sampling gear • Proposed number and duration of stations/hauls • Tagging rates and other performance metrics such as tag overlap statistics for tagging programs at the scale of research blocks (where applicable). • Other requirements. (b) Data collection: Types and sample size or quantities of catch, effort and related biological (including taxonomic resolution), ecological and environmental data (e.g. sample size by location/haul) with minimum observer sampling requirements as detailed in the <i>Observer Sampling Requirements</i> (Conservation Measure 41-01, Annex 41-01/A). (c) Method for data analysis to achieve the objective in 1(a). (d) How and when will the research outcomes meet the objectives of the research (e.g. lead to a robust estimate of stock status and precautionary catch limits). Include evidence that the proposed methods are highly likely to be successful.
4. Proposed catch limits	(a) Proposed catch limits and justification. (Note that the catch limits should be at a level not substantially above that necessary to obtain the information specified in the Research Plans and required to meet the objectives of the proposed research.)

(continued)

	(b) Evaluation of the impact of the proposed catch on stock status, including: <ul style="list-style-type: none"> • rationale that proposed catch limits are consistent with Article II of the Convention • evaluation of timescales involved in determining the responses of harvested, dependent and related populations to fishing activities • information on estimated removals, including IUU fishing activities, where available.
	(c) Details of dependent and related species and the likelihood of their being affected by the proposed fishery.
5. Research capability	(a) Name(s) and address of the chief scientist(s), research institute or authority responsible for planning and coordinating the research.
	(b) Number of scientists and crew to be on board the vessel.
	(c) Is there opportunity for inviting scientists from other Members? If so, indicate a number of such scientists.
	(d) Commitment that the proposed fishing vessel(s) and nominated research provider(s) have the resources and capability to fulfil all obligations of the proposed Research Plan.
6. Reporting for evaluation and review	(a) List of dates by which specific actions will be completed and reported to CCAMLR. If the research is a stand-alone survey, Members shall commit to providing a progress report to the appropriate working group for review and comment, and a final report within 12 months of completion of the research to the Scientific Committee.
	(b) If research is multi-annual, Members shall commit to providing annual research reviews to be submitted to the appropriate working group, including a review of progress towards meeting research objectives and associated proposed time lines in initial proposal; a summary table comprising the applicable milestones of the research from the beginning of the plan, planned and actual achievement dates, papers submitted, and noting any changes in the milestone timeline; a review of previous working group and Scientific Committee commentary; and proposals for adjustments to the research proposal if required.
7. Conservation measure exemptions	(a) Intended exemptions from applicable conservation measures in whole or in part (other than those specified in Conservation Measure 24-01) and justification. Any intended exemptions shall be necessary for the Research Plan and objectives of the proposed research.

Annex 24-01/B

**Taxa-specific schedule for notification
of research vessel activity**

Taxon	Gear type	Expected Catch
(a) Thresholds for finfish taxa		
<i>Dissostichus</i> spp.	Longline	5 tonnes
	Trawl	5 tonnes
	Pot	5 tonnes
	Other	0 tonnes
<i>Champscephalus gunnari</i>	All	10 tonnes
(b) Non-fish taxa for which a catch threshold of 0.1% of the catch limit for a given area would apply		
Krill		
Squid		
Crabs		
