



Australian Government

Australian Fisheries Management Authority

Sub-Antarctic Fisheries Management Advisory Committee (SouthMAC)

FINAL MINUTES
SOUTHMAC 41
7 NOVEMBER 2022

SUB-ANTARCTIC FISHERIES MANAGEMENT ADVISORY COMMITTEE (SouthMAC)

CHAIR: Dr Rachel Baird

Date: 7 November 2022

Venue: Video Conference

Attendance

Members

Dr Rachel Baird, Chair

Mr Rhys Arangio, Industry Member

Mr Malcolm McNeill, Industry Member

Ms Selina Stoute, AFMA Member

Dr Lyn Goldsworthy, Conservation Member

Dr Philippe Ziegler, Scientific Member

Ms Claire Wallis, Executive Officer, AFMA

Observers

Dr Nigel Abery, AFMA

Ms Bailey Bourke, Australian Antarctic Division

Ms Alice McDonald, AFMA

Apologies

Ms Lihini Weragoda, Australian Antarctic Division

Introduction

The forty-first meeting of the Sub-Antarctic Fisheries Management Advisory Committee (SouthMAC 40) was held via video conference on 7 November 2022.

The key items on the agenda were:

- a CCAMLR-41 update;
- TAC setting for the 2022-23 Heard Island and McDonald Islands Fishery;

Agenda item 1 - Preliminaries

SouthMAC 41 was opened at 11:03am AEST on 7 November 2022 by the Chair, Dr Rachel Baird.

1.1 Acknowledgement of Country

The Chair on behalf of all members and observers acknowledged the Traditional Owners of the land on which we met and paid respects to Elders past, present and emerging.

1.2 Declaration of interests

As outlined in the *Fisheries Administration Act 1991* and AFMA Fisheries Management Paper No. 1, all members of SouthMAC must declare any pecuniary interest in the Fishery at the commencement of the meeting and also at the commencement of relevant agenda items. If a member discloses an interest in an item, the member must absent themselves from the meeting before the item is considered and the MAC must make a decision as to whether the

member can participate in the discussion and in making of a recommendation or remain absent from the meeting for the item. Member and participant interests as declared are set out in Table 1.

Table 1. Member, invited participants and observer’s declarations of interest.

Name	Membership	Declared interests
Dr Rachel Baird	Chair	Dr Baird advised that she is a former lawyer and academic with experience in international law and Southern Ocean fisheries, and that she has no interest pecuniary or otherwise in sub-Antarctic Fisheries.
Dr Philippe Ziegler	Scientific member	Dr Ziegler advised that he is employed by AAD and is the Fishery scientist responsible for Heard Island and McDonald Islands Fishery (HIMIF) work, including the HIMI stock assessments. Dr Ziegler has no pecuniary interest in the sub-Antarctic and his salary is not connected to any research grants noting that he is a principle and co-investigator on current FRDC projects. Dr Ziegler is also a scientific member of SARAG, and the Scientific Representative for Australia to CCAMLR.
Malcolm McNeil	Industry Member	Mr McNeill advised he is the Managing Director of Australian Longline Fishing Pty Ltd (ALFPL) which holds various fishing rights in, and operates vessels in, the sub-Antarctic fisheries and New and Exploratory fisheries under the jurisdiction of Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR). Mr McNeill is the Chair of the Ross Sea Industry Client Group. Mr McNeill remains a Board member of the Coalition of Legal Toothfish Operators (COLTO). Mr McNeill was not aware of any investigation or prosecution action by AFMA against his Company or of any legal action taken by his Company against AFMA.
Rhys Arangio	Industry member	Mr Arangio is employed by Austral Fisheries P/L (Austral Fisheries) as the Senior Manager of Environment and Policy. Austral Fisheries owns Statutory Fishing Rights (SFRs) in the Australian sub-Antarctic fisheries, which include waters under the jurisdiction of CCAMLR. Mr Arangio is the Executive Officer of COLTO, as well as being a member of SARAG and SouthMAC. He was not aware of any investigation or prosecution action by AFMA against his Company, nor of any legal action taken by his Company against AFMA, and has an interest in all agenda items.
Dr Lyn Goldsworthy	Conservation member	Dr Lyn Goldsworthy has recently completed a PhD and holds an associate professorship at the Institute for Marine and Antarctic studies and the University of

		Tasmania. Dr Goldsworthy also conducts contract work for the Antarctic and Southern Ocean Coalition (ASOC) and Deep-Sea Conservation Coalition (DSCC). Dr Goldsworthy has no pecuniary interest in sub-Antarctic fisheries.
Bailey Bourke	AAD observer	Ms Bourke is an employee of the AAD and her colleagues conduct the HIMI stock assessment. Ms Bourke attends international meetings related to Antarctic fisheries and has no pecuniary interest in Antarctic fisheries and her salary is not dependent on research collaborations between AAD, industry or others.
Selina Stoute	AFMA member	AFMA employee, no interests pecuniary or otherwise.
Claire Wallis	Executive officer	AFMA employee, no interests pecuniary or otherwise.
Dr Nigel Abery	AFMA observer	AFMA employee, no interests pecuniary or otherwise.
Alice McDonald	AFMA Observer	AFMA employee, no interests pecuniary or otherwise.

1.2 Apologies

Members noted that Ms Lihini Weragoda (AAD Member) was an apology.

1.3 Adoption of agenda

SouthMAC adopted the agenda without amendment.

The agenda can be found at [Attachment A](#).

1.4 Minutes from SouthMAC 40

Members noted that the draft minutes from SouthMAC 40 held on 6 May 2022 were circulated for comment on 5 September 2022. Comments were received from Mr Arangio, Mr McNeill, Dr Ziegler, Dr Goldsworthy, and Ms Weragoda.

The AFMA Member provided an update on the meeting record clearance process going forward, and Members noted that the draft meeting record should be shared for comment two weeks following the meeting date, with comments due the following fortnight, after which the record would be ratified. The AFMA member advised that, consistent with AFMA Fisheries Management Paper 1 (FMP 1), paragraph 3.12.1, this process would result in the meeting record being finalized intersessionally and would improve timelines on closure of the item.

Agenda item 2 – Action arising from SouthMAC 40

SouthMAC discussed the actions arising from SouthMAC 40. Table 1 presents a summary of Action Items tabled at the SouthMAC 41, including the status and relevant discussions.

Item	Action Arising	Status	SouthMAC 41 Discussion
1	<p>Export Control Act</p> <p>a) Industry to report to next SouthMAC meeting regarding discussions with the Department of Agriculture, Water and the Environment on the current (Covid-19 related) difficulties meeting the new Export Control Act requirements (SouthMAC 39 Agenda item 5).</p> <p>b) AFMA to arrange a meeting with Paul Rickard (AFMA), a DAWE representative and industry representatives on C2 provision requirements (SouthMAC 40 Agenda Item 3).</p>	Ongoing	<p>SouthMAC noted that Actions Arising in relation to the Export Control Act could be combined into a single item going forward. Dr Abery provided an update on Action Arising 1, including that an internal meeting was held at AFMA to increase understanding of the administrative processes. SouthMAC heard that a request had been made to the relevant area to seek a joint meeting with DAFF, but that this had not yet occurred. AFMA will continue efforts to arrange a meeting with DAFF, preferably by the end of 2022 (Action Item 1).</p>
2	<p>CCAMLR Circulars – AAD to provide a further update on processes informing sharing relevant circulars, including future development of an SOP (SouthMAC 40 Agenda Item 3).</p>	Ongoing	<p>The Chair noted that an update would be provided under Other Business in regard to the Action Arising on distribution of CCAMLR circulars.</p>

Item	Action Arising	Status	SouthMAC 41 Discussion
3	<p>Olympic TAC & Catch Reporting – AAD to approach the Secretariat on the issue of catch reporting frequency and information sharing in exploratory fisheries. AAD to make a request to CCAMLR that the Secretariat provide regular updates (daily reports) on catch limits in all fisheries, particularly when limits are being approached.</p> <p>AAD to make a request to CCAMLR to communicate when a vessel has left a fishery area (SouthMAC 40 Agenda Item 3).</p>	<p>Complete</p> <p>AAD emailed CCAMLR Secretariat on 19 September 2022.</p>	<p>Members heard that the AAD contacted the CCAMLR Secretariat on 19 September 2022 and received a response on 7 October 2022. The Secretariat advised that on reporting frequency, reports were issued Monday and Friday weekly in research and exploratory fisheries, and are not issued after 50% of the catch limit in any area is reached as the Secretariat's efforts shift to fishery closure forecasting. The Secretariat offered to undertake this approach in Division 58.4.2 if requested by Members or directed by the Commission. Mr McNeill recalled industry does not receive the updated reporting and have limited indications of other countries' catch in the shared area. Members heard that industry would like to receive daily updates on catch once 50% of TAC is harvested in Division 58.4.2. Dr Goldsworthy expressed concern on the lack of daily reports in the context of a small TAC, and noted that this issue was not raised during CCAMLR.</p> <p>Ms Stoute suggested that AFMA and the AAD could work to progress the question of daily updates with the CCAMLR Secretariat. SouthMAC noted advice that the Secretariat did not usually provide vessel exit notifications and has previously relied on direct communication between Members implementing joint research plans. Mr McNeill noted that the Secretariat is viewed as the most reliable source for catch information due to it being less impacted by weekends and public holidays in timing of communications. Members agreed that the AAD would approach the Secretariat again to seek daily catch reporting updates and vessel exit notifications for Division 58.4.2 (Action Item 2).</p>

Item	Action Arising	Status	SouthMAC 41 Discussion
4	<p>Observer Days - AFMA to review whether observer days have reduced in line with the toothfish TAC reduction, whether observer day projections incorporate trip planning information provided by industry, and whether an anticipated reduction in quarantine days has been considered in the projected budget (SouthMAC 40 Agenda Item 12).</p>	<p>Verbal update to be provided at May 2023 meeting</p>	<p>The AFMA Member provided an update on the calculation of observer days, and Members noted that the figures had not been adjusted in some time. Mr Arangio recalled correspondence with the AFMA Observer Section explaining the recent budget process and cost allocations on this matter, and the Executive Officer advised that a more detailed update could be provided on the next budget at the May 2023 meeting, noting that a member of the Observer Section may attend.</p>
5	<p>Wildlife Interactions - AFMA to review mapping Southern Elephant Seal interactions for 2021/22 to explore potential interaction clustering (SouthMAC 40 Agenda Item 14).</p>	<p>Ongoing – update to be provided at May 2023 meeting</p>	<p>The Executive Officer advised the group that an investigation into HIMI Wildlife Interactions was ongoing, with AFMA hoping to work with the AAD in early 2023 to explore this further. Members heard that an update will be provided to the May 2023 meeting of SouthMAC (Action Item 3)</p>
6	<p>SARAG Minutes – going forward AFMA to provide minutes from prior SARAG meetings and relevant technical papers to MAC members (SouthMAC 40 Agenda Item 14).</p>	<p>Ongoing</p>	<p>Members noted that SARAG Minutes would be provided to SouthMAC members as they become available going forward and closed the item.</p>
7	<p>Meeting Record – AFMA to explore development of a separate high level meeting record for broader publication (SouthMAC 40 Agenda Item 14).</p>	<p>Verbal update to be provided during the meeting under Other Business</p>	<p>The Chair noted that an update on the format and detail of the SouthMAC Meeting Record would be discussed further under Other Business.</p>

ACTION ITEM 1 – AFMA to arrange a meeting with DAFF on C2 provision requirements and provide an update to industry.
ACTION ITEM 2 – AAD to approach the Secretariat to request daily catch reports in Division 58.4.2 once 50% of the TAC has been harvested, and vessel exit notifications for this area in the 2022/23 season.
ACTION ITEM 3 – AFMA and AAD to review mapping Southern Elephant Seal interactions for 2021/22 to explore potential interaction clustering

Agenda item 3 – Correspondence

SouthMAC noted the correspondence that had been received since last meeting in May 2022.

Agenda Item 4– HIMI TAC Setting

4.1 Climate Change Adaptation

Members noted an update on AFMA’s TAC setting policy, and the requirement to take climate change into account when making recommendations. Ms McDonald gave a presentation on AFMA’s Climate Adaptation Program, and the impact of climate change on fisheries resources, with a focus on Sub Antarctic fisheries. The presentation highlighted CSIRO projections for the region on environmental conditions, including wind speeds, sea ice seasonality and extent, ocean acidification and marine heatwaves, as well as predicted changes in species distribution, productivity and composition over the coming decades. Based on the CSIRO projections, toothfish and icefish are predicted to decrease by approximately 20% while krill is expected to see a profound range contraction and productivity reduction by 2050.

SouthMAC heard that AFMA’s approach to integrating climate adaption into fisheries management is through two key paths, which ensure that information and research on existing and predicted climate impacts are incorporated into decision making processes and ensuring that fisheries management arrangements are adaptive.

Members were asked to consider that the next steps for progressing climate adaptation in the HIMI fishery are:

1. Include a Climate Change agenda item in the next SARAG and SouthMAC meetings in May 2023;
2. Develop a draft ‘Climate and Ecosystem Status Update’ for the HIMI fishery for discussion in May, which draws upon existing and ongoing research and includes key indicators of climate and ecosystem status and trends relevant to the fishery; and
3. Hold a workshop, or extended RAG or MAC session, in 2023 to build upon outcomes from the 2020 workshop, including refining the climate risk assessment, further developing adaptation options for the HIMI fishery, and considering a timeline for implementation of high priority actions.

Members supported the consideration of climate change impacts in determining TACs and fisheries management approaches and expressed confidence in the precautionary process allowing AFMA to adapt as required, noting that more precaution may be appropriate in the face of increased variability. Mr Arangio commented that the work in climate adaption is of key importance for both SARAG and SouthMAC to consider and welcomed it as a standing agenda item. Members noted ongoing CSIRO work on climate and oceanography as well as the TREV

project, and supported broadening of HIMI research on species and stock trends to considering the Kerguelen Plateau as a whole. Mr Arangio also noted that tag recaptures provide real-time feedback on recent changes in recruitment and supported the consideration of climate aspects in refinement of decision rules. Mr McNeill supported these statements.

Members recommended inviting the scientists who developed the regional predictions to give a presentation to SARAG, with a focus on the RAG to better understand the predictors and drivers in order to best integrate the outputs into management advice (**Action Item 4**). Members also heard that CCAMLR has agreed to undertake a climate change workshop in 2023 that shares similarities with AFMA's proposal and noted that these two processes could benefit mutually from each other.

Dr Goldsworthy supported comments by previous speakers on broadening the considerations of HIMI projections to include the rest of the Kerguelan Plateau and noted that an increase in baleen whales and orcas was surprising in the context of a predicted reduction in krill. Dr Goldsworthy supported the consideration of climate change impacts in determining TACs and fisheries management approaches and expressed confidence in the precautionary process allowing AFMA to adapt as required, noting that more precaution may be appropriate in the face of increased variability. On the matter of the CCAMLR climate workshop, Dr Goldsworthy noted the value of Australia taking concrete examples of integrating climate advice into fisheries decision making.

Members recommended a Sub Antarctic Fisheries Climate Adaptation Workshop be held in the first half of 2023, preferably in alignment with the next meeting of SARAG (**Action Item 5**).

4.2 2022/23 HIMI Mackerel Icefish Total Allowable Catch

SouthMAC Members heard that CCAMLR 41 endorsed the updated mackerel icefish TAC for 2,616 tonnes in the 2022/23 season, which was based on a stock assessment presented to SARAG 66.

SouthMAC endorsed and recommended the setting of a Total Allowable Catch of 2,616 tonnes of Mackerel Icefish for the 2022/23 HIMI season.

4.3 2022/23 HIMI Patagonian Toothfish Total Allowable Catch

The Chair noted that the TAC recommended for adoption by SARAG is lower than that recommended by CCAMLR and sought clarification on industry's acceptance of this approach. SouthMAC noted that while Australia is bound by decisions made by the CCAMLR Commission, a lower domestic TAC may be set. Members noted that work undertaken by SARAG and SouthMAC in 2021 with the aim to support stock recovery over 20 years, rather than the 35 years as modelled under the CCAMLR decision rule, supported the more conservative TAC. Industry supported the recommendation, noting that it was followed the step-down process agreed in 2021.

SouthMAC endorsed and recommended the setting of a Total Allowable Catch of 2,510 tonnes of Patagonian toothfish for the 2022/23 HIMI season.

4.4 2022/23 HIMI Bycatch Limits

Members noted that AFMA sought a recommendation from SouthMAC on setting bycatch limits for the 2022/23 HIMI fishing season and noted that the proposed values were both supported by SARAG 66, and consistent with those previously recommended to the Commission in 2021.

Species	Limit (t)
Caml grenadier (<i>Macrourus caml</i>) and Whitson’s grenadier (<i>M. whitsoni</i>)	409
Bigeye grenadier (<i>M. holotrachys</i>) and ridge scaled rattail (<i>M. carinatus</i>)	360
Unicorn icefish (<i>Channichthys rhinoceratus</i>)	1 663
Skates and rays (<i>Bathyraja spp.</i>)	120
Grey rockcod (<i>Lepidonotothen squamifrons</i>)	80
All other species (each)	50

SouthMAC endorsed and recommended the proposed Bycatch Limits for the 2022/23 HIMI season.

ACTION ITEM 4 – AFMA to invite CSIRO to present on indicators and approaches underpinning fishery climate predictions at SARAG 67
ACTION ITEM 5 – AFMA to facilitate a Sub Antarctic Fisheries Climate Adaptation Workshop in alignment with SARAG and SouthMAC meetings in May 2023

Agenda item 5 – CCAMLR outcomes update

5.1 Summary of CCAMLR 41 Outcomes

Ms Bourke provided an update on CCAMLR 41, which met from 23 October to 4 November 2022 in a hybrid format, though interventions were restricted to those present at plenary. Australia’s key objectives included upholding the function and integrity of CCAMLR and the broader Antarctic Treaty System, upholding the Conservation Objective of CCAMLR, including through the establishment of a representative network of marine protected areas, and pursuing responsible and sustainable fisheries in the Southern Ocean.

Members heard that it was a challenging year in progressing conservation objectives, though the results were as anticipated. The compliance report was accepted by the SCIC and the Commission, while unfortunately MPA proposals were again unsuccessful. However, agreement was reached to hold a special meeting on MPAs in 2023, to be hosted by Chile with the aim to develop a path forward. For the first time since 2013, the Commission adopted a Resolution on climate change, and the Scientific Committee agreed to hold a workshop in the first half of 2023 on integrating climate change and ecosystem interaction into CCAMLR science. The Scientific Committee also agreed to incorporate climate change into the workplans and TOR of working groups.

5.1.1 Exploratory Fisheries

Dr Ziegler provided an update on the decisions regarding CCAMLR’s exploratory toothfish fisheries. While the catch limit for the Ross Sea Exploratory toothfish Fishery (in Subareas 88.1

and 88.2AB) was agreed last year, vessels from the United Kingdom which had fished in Subarea 48.3 in 2021/22 were blocked from accessing the fishery. The conditions to access SSRU 88.2H were adjusted with a new requirement for vessels to undertake five research hauls outside the main seamount areas prior to accessing key fishing zones, and the season start date in this SSRU was delayed by 2 weeks. Access to Division 58.4.1 under an updated research plan was blocked for the fifth ongoing year due to objections by one member on the use of multiple longline gear types. Australian vessels will be able to access Division 58.4.2, with TACs of 86t in research block 5842_1 and 258t in research block 5842_2.

5.1.2 Other Outcomes

CCAMLR also held significant discussions around an updated management approach for the krill fishery, with three main positions for (1) an immediate increase and (2) a staged increase to a substantially larger TAC in Subarea 48.1, and (3) no changes to the catch limits in the entire Subareas 48.1 to 4.84 until a synoptic survey has been conducted. Dr Ziegler noted the intention by many members to improve the management in krill fisheries to an equivalent level as that in toothfish fisheries as a condition of catch limit increases.

Dr Goldsworthy reflected that while a difficult meeting, the agreement that more work should be done, guided by the precautionary approach, prior to expanding the krill fishery was a positive step forward for this fishery. Dr Goldsworthy also commented positively on the Climate Change Resolution and the associated Scientific Committee work as potentially very useful going forward.

Members were concerned about the dynamics broadly observed at the meeting, with frequent difficulty in reaching consensus, and apparent undermining of agreed language and concepts regarding spatial management, biodiversity, and best available science.

Mr Arangio made the point that the integrity of the CCAMLR system was of great interest to industry and noted the importance of the 2023 HIMI Patagonian toothfish stock assessment and TAC setting on the horizon.

5.2 Summary of Revised Conservation Measures

A summary table of revised conservation measures is provided at [Attachment B](#).

Agenda item 6 – Other Business

6.1 Format of the Meeting Record

Members recalled that at SouthMAC 40, the potential development of a high-level meeting record was discussed. Ms Stoute provided an update noting the issue of duplication of effort in developing two documents, and AFMA's commitment to transparency in decision making processes.

Dr Goldsworthy commented that a record, while seeking to be concise, should be able to provide a clear picture of what occurred during a meeting, and that particular details of discussions should not be entirely lost to those stakeholders that are not present.

Members noted and agreed that, congruent with the requirements of FMP 1, a single concise record would be created going forward.

6.2 Provision of CCAMLR Circulars

Ms Bourke gave a progress update on the development of a Standard Operating Procedure (SOP) on sharing CCAMLR circulars with SouthMAC members. Members heard that the current list of circular topics considered for sharing relate to:

- HIMI monthly fisheries updates;
- exploratory fisheries and fishery closure notices;
- gear loss and retrieval reports;
- delayed departure notifications;
- Secretariat administration; and
- electronic monitoring.

Members noted that additional issues would be considered on a case-by-case basis, and that a comprehensive update on finalisation of this process would be provided intersessionally.

Industry advised that having an understanding of what is occurring in the CCAMLR system broadly is helpful, and that receiving all circulars, regardless of topic, would be very welcome. Mr McNeill expressed a particular interest in circulars relating to new and exploratory fisheries, particularly in the Ross Sea (Subareas 88.1 and 88.2) and East Antarctica (Division 58.4.2 and 58.4.1). Dr Goldsworthy commented that as many categories of circulars as can be shared should be provided to Members to better support Member understanding of what is occurring during and between meetings and reflected that Regional Fisheries Management Organisations she is involved with provide these to stakeholders more readily than CCAMLR.

Ms Stoute reflected that the Australian Government principle on sharing information was that anything that can be shared should be, and that she hoped this issue could be resolved in advance of the next SouthMAC meeting and committed to provide SouthMAC with a progress update and projected timeline by 23 December 2022 (**Action Item 6**).

ACTION ITEM 6 – AFMA and AAD to progress CCAMLR Circular SOP, and AFMA to provide a progress update to SouthMAC by 23 December 2022.

Agenda item 7 - Next meeting

SouthMAC agreed to meet in conjunction with SARAG 67 in Hobart on Wednesday 3 May 2023.

The Chair closed the meeting at 12:25pm.



Attachment A

Sub Antarctic Fisheries Management Advisory Committee (SouthMAC)

Meeting 41– 7 November 2022

Final Agenda

Time (AEST): 11:00-12:30 AEST

Location: Teleconference

Chair Name: Dr Rachel Baird

Attendees	Membership
Dr Philippe Ziegler	Scientific member
Malcolm McNeill	Industry member
Rhys Arangio	Industry member
Bailey Bourke	AAD Observer
Dr Lyn Goldsworthy	Conservation Member
Selina Stoute	AFMA Member
Claire Wallis	Executive officer
Dr Nigel Abery	AFMA observer
Alice McDonald	AFMA observer

Apologies	Membership
Lihini Weragoda	AAD Member



Approximate time	Item	Purpose	Lead presenter
11:00 (30 min)	1. Preliminaries		
	1.1 Welcome and apologies	For action	Chair
	1.2 Declaration of interests	For action	Chair
	1.3 Adoption of agenda	For action	Chair
	1.4 Minutes from previous meeting	For noting	Chair
	2. Actions Arising	For noting	AFMA Member
	3. Correspondence	For noting	AFMA Member
11:30 (30 min)	4. Heard Island & McDonald Islands Fishery		
	4.1 Climate Change and Fisheries	For noting	AFMA Member
	4.2 Mackerel Icefish TAC	For decision	AFMA Member
	4.3 Patagonian Toothfish TAC	For decision	AFMA Member
	4.4 Bycatch limits	For decision	AFMA Member
12:00 (20 min)	5. CCAMLR		
	5.1 Summary of CCAMLR outcomes	For noting	AAD Member*
	5.1.1 Exploratory Fisheries update	For noting	AAD Member*
	5.1.2 Other outcomes	For noting	AAD Member*
	5.2 Summary of revised Conservation Measures	For noting	AAD Member*
12:20 (10 min)	6. Other Business	For discussion	Chair
	6.1 Format of the Meeting Record	For discussion	AFMA Member*
	6.2 CCAMLR Circular Distribution	For noting	AAD Member*
	7. Next Meeting	For decision	Chair

* Verbal update, no agenda paper provided



Updated Conservation Measures (CCAMLR 41)

CM	Title
10-02	Licensing and inspection obligations of Contracting Parties with regard to their flag vessels operating in the Convention Area
10-04	Automated satellite-linked Vessel Monitoring Systems (VMS)
10-05	Catch Documentation Scheme for <i>Dissostichus</i> spp.
10-09	Notification system for transshipments within the Convention Area
23-06	Data Reporting System for <i>Euphausia superba</i> fisheries
24-05	Fishing for research purposes pursuant to Conservation Measure 24-01
25-03	Minimisation of the incidental mortality of seabirds and marine mammals in the course of trawl fishing in the Convention Area
26-01	General environmental protection during fishing
32-09	Prohibition of directed fishing for <i>Dissostichus</i> spp. except in accordance with specific conservation measures in the 2022/23 season
33-02	Limitation of by-catch in Statistical Division 58.5.2 in the 2022/23 season
33-03	Limitation of by-catch in new and exploratory fisheries in the 2022/23 season
41-01	General measures for exploratory fisheries for <i>Dissostichus</i> spp. in the Convention Area in the 2022/23 season
41-03	Limits on the fishery for <i>Dissostichus</i> spp. in Statistical Subarea 48.4 in the 2022/23 season
41-04	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> in Statistical Subarea 48.6 in the 2022/23 season
41-05	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> in Statistical Division 58.4.2 in the 2022/23 season
41-06	Limits on the exploratory fishery for <i>Dissostichus eleginoides</i> on Elan Bank (Statistical Division 58.4.3a) outside areas of national jurisdiction in the 2022/23 season
41-07	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> on BANZARE Bank (Statistical Division 58.4.3b) outside areas of national jurisdiction in the 2022/23 season
41-09	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> in Statistical Subarea 88.1 in the 2022/23 season
41-10	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> in Statistical Subarea 88.2 in the 2022/23 season
41-11	Limits on the exploratory fishery for <i>Dissostichus mawsoni</i> in Statistical Division 58.4.1 in the 2022/23 season
42-02	Limits on the fishery for <i>Champocephalus gunnari</i> in Statistical Division 58.5.2 in the 2022/23 and 2023/24 seasons
51-04	General measure for exploratory fisheries for <i>Euphausia superba</i> in the Convention Area in the 2022/23 season
51-07	Interim distribution of the trigger level in the fishery for <i>Euphausia superba</i> in Statistical Subareas 48.1, 48.2, 48.3 and 48.4