



Australian Government

Australian Fisheries Management Authority

Sub-Antarctic Fisheries Management Advisory Committee (SouthMAC)

FINAL MINUTES

SOUTHMAC 39

6 MAY 2021

SUB-ANTARCTIC FISHERIES MANAGEMENT ADVISORY COMMITTEE (SouthMAC)

CHAIR: Mr Peter Neville

Date: 6 May 2021

Venue: Lenna of Hobart Hotel

Attendance

Members

Mr Peter Neville, Chair

Mr Rhys Arangio, Industry Member

Mr Malcolm McNeill, Industry Member

Dr Philippe Ziegler, Scientific Member

Ms Lihini Weragoda, Australian Antarctic Division

Ms Lyn Goldsworthy, Conservation Member*

Mr Brodie Macdonald, AFMA Member

Ms Sarah Kirkcaldie (Executive Officer)

Observers

Mr Trent Timmiss, AFMA

Ms Saoirse Hannam, AFMA

* Via videoconference

Introduction

The thirty ninth meeting of the Sub-Antarctic Fisheries Management Advisory Committee (SouthMAC 39) was held in Hobart on 6 May 2021.

The key items on the agenda were:

- Macquarie Island Toothfish Total Allowable Catch;
- Patagonian Toothfish stock assessment;
- Fishery Assessment Plans;
- Exploratory fisheries proposals for 2021/22; and
- 2021/22 budget process.

Agenda item 1 - Preliminaries

SouthMAC 39 was opened at 1.00 pm on 6 May 2021 by the Chair, Mr Peter Neville.

1.1 Acknowledgement of Country

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

1.2 Declaration of interests

As outlined in the *Fisheries Administrations 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 each agenda item. 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.

Mr Neville declared that he was the Principal of a fisheries consulting business (P.J.Neville & Associates) and Chair Fisheries Research and Development Corporation's (FRDC's) recreational fishing sub-program. Mr Neville advised that he has no pecuniary interest in the sub-Antarctic fisheries.

Mr McNeill advised he is the Managing Director of Australian Longline Fishing Pty Ltd which holds various fishing rights in, and operates vessels in the sub-Antarctic fisheries and New and Exploratory fisheries under the jurisdiction of the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR). Mr McNeill further advised he is a member on SARAG, 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.

Mr Arangio advised that he is employed by Austral Fisheries P/L that owns Statutory Fishing Rights (SFRs) in the Australian sub-Antarctic fisheries and waters under the jurisdiction of CCAMLR. Mr Arangio further advised he is the Executive Officer of COLTO, as well as being a member of SouthMAC and AFMA's Commonwealth Fisheries Marine Mammal Working Group. He 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.

Ms Weragoda advised that she is an employee of the AAD and her colleagues conduct the HIMI stock assessment. Ms Weragoda attends international meetings related to Antarctic fisheries and has no pecuniary interest in Antarctic fisheries and her salary is not dependent on AAD, industry and other research collaborations.

Dr Ziegler advised that he is employed by AAD and is the Fishery scientist responsible for 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 co-investigator on a FRDC project and potentially future FRDC projects. Dr Ziegler informed members that he is also a member SARAG.

Ms Lyn Goldsworthy advised that she is currently completing a PhD through the Institute for Marine and Antarctic studies and the University of Tasmania. Ms Goldsworthy also conducts contract work for the Antarctic and Southern Ocean Coalition (ASOC) and Deep Sea Conservation Coalition (DSCC). Ms Goldsworthy advised that she has no pecuniary interest in sub-Antarctic fisheries.

Mr Macdonald advised he is employed by AFMA and is the Manager for Antarctic fisheries and has no pecuniary interest in the sub-Antarctic fisheries.

Ms Kirkcaldie advised she is employed by AFMA, is also the Executive Officer for SARAG and Southern Bluefin Tuna MAC and has no pecuniary interest in the sub-Antarctic fisheries.

Mr Timmiss advised he is employed by AFMA as a Senior Manager, Tuna and International fisheries that he is also the member on the Tropical Tuna MAC (TTMAC) and SBTMAC. Mr Timmiss advised that he has no pecuniary interests in the sub-Antarctic fisheries.

Ms Hannam advised she is employed by AFMA as a graduate and has no pecuniary interest in the sub-Antarctic fisheries.

1.2 Apologies

Members noted that no apologies were received.

1.3 Adoption of agenda

SouthMAC adopted the agenda with no changes.

Agenda item 2 – Minutes from SouthMAC 38 and November teleconference

Members noted that the draft minutes from SouthMAC 38 held on 3 March 2020 were circulated for comment on 30 June 2020. Comments were received from Ms Lihini Weragoda, AAD, Dr Philippe Ziegler, Scientist and Mr Rhys Arangio, Industry. Members noted that the minutes from the SouthMAC 38 meeting have now been finalised.

SouthMAC noted that the draft minutes from the teleconference held on 5 November 2020 were recently circulated and final minutes will be circulated to members after comments are incorporated.

Agenda item 3 – Action arising from SouthMAC 38

SouthMAC discussed the action arising from SouthMAC 38.

Item	Action arising from SouthMAC 38	Status
1	Jellymeat in the Ross Sea – Industry to provide the findings of the debrief from the CCAMLR Division 88.1 2019/20 season regarding the higher volume of jellymeat (SouthMAC 38 Agenda item 5).	Mr McNeill noted that the issue was caused by the location of the northern seamount they fished in the 2019/20 season which had a higher volume of Toothfish in poor condition. Mr McNeill stated that this season the vessel didn't fish on that seamount and there was not as many issues.
2	Observer deployment – Industry requested that the AFMA observer section inform industry ASAP of any requirements regarding the pandemic (SouthMAC 38 Agenda item 5).	Completed. Members noted that the AFMA observer section was in regular contact with Industry regarding changes to observer coverage due to the COVID-19 pandemic.

3	Skate assessment – Jaimie Cleeland from AAD to present the skate assessment at the next SARAG meeting (SouthMAC 38 Agenda item 8).	SouthMAC noted that a skate assessment will be presented at the next SARAG meeting by Dr Cleeland.
4	Porbeagle risk assessment - the EO agreed to send the completed Porbeagle risk assessment to the Conservation member (SouthMAC 38 Agenda item 12).	Completed. A copy of the Porbeagle risk assessment was sent to the Conservation member. AAD also requested a copy of the Porbeagle risk assessment (Action arising 1).
5	Gear recovery – Industry to report to next SouthMAC meeting regarding what other countries are doing to recover lost gear in CCAMLR (SouthMAC 38 Agenda item 12).	SouthMAC noted that due to the COVID-19 pandemic the planned COLTO gear workshop has not been held.
6	US Marine Mammal imports – AFMA to update CCAMLR Consultative Forum regarding progress to include the three 'export' fisheries on the exempt list (SouthMAC 38 Agenda item 15).	Discussed under Agenda item 14.

Agenda item 4 – Correspondence

SouthMAC noted that the following correspondence had been received between meetings:

- An email dated 30 June 2020 from Sarah Kirkcaldie seeking comments from members on the draft minutes from SouthMAC 38;
- An email dated 29 October 2020 from Sarah Kirkcaldie seeking comments from members on the draft agenda for the November teleconference;
- An email dated 4 November 2020 from Sarah Kirkcaldie circulating the draft agenda and papers for the November teleconference;
- An email dated 18 January 2021 from Sarah Kirkcaldie seeking comments from members on the redesigning of the AFMA website;
- An email dated 7 April 2021 from Sarah Kirkcaldie circulating information regarding AFMA seeking applications for Chairs for three Management Advisory Committees; and
- An email dated 9 April 2021 from Sarah Kirkcaldie seeking comments on the draft agenda for SouthMAC scheduled for 6 May 2021.

Agenda Item 5– Report on fishing operations

SouthMAC noted that Mr McNeill and Mr Arangio provided verbal updates on fishing operations in the Heard Island and McDonald Islands Fishery (HIMIF), Macquarie Island Toothfish Fishery (MITF) and CCAMLR Exploratory fisheries to the Sub-Antarctic Resource Assessment Group meeting held on 5 May 2021 as well as the CCAMLR Consultative Forum held on 3 May 2021.

Members further noted that the Australian Longline Fishing vessel, *Antarctic Chieftain*, has been sold to South Korea and is now called the *Blue Ocean*.

Mr Arangio noted that under the new Export Control Act if a vessel is unloading in a foreign port an AFMA observer needs to sign off on the amount of catch on-board before leaving the HIMI Fishery and then again when landing in the foreign port. Members noted that given the difficulty in getting AFMA observers on some boats this requirement may not be possible to meet. Industry stated that they are discussing options with the Department of Agriculture, Water and the Environment (DAWE) but it may result in some more vessel unloading in Australia. Industry agreed to provide an update on this issue at the next SouthMAC meeting in November (**Action arising 1**). The conservation member highlighted the importance of meeting all CCAMLR requirements and the AFMA observer assured SouthMAC that the vessels were fully compliant with CCAMLR observer requirements this season.

Observer

SouthMAC thanked the AFMA observer section for providing the detailed update and noted that due to the ongoing COVID-19 pandemic the AFMA Observer Program has faced considerable logistical challenges in deploying AFMA Observers on-board Southern Oceans vessels. Members noted that the program continues to deploy AFMA observers when possible while carefully considering the risks to the observers and ensuring compliance with various governments COVID-19 related border closures and quarantine measures.

Agenda item 6 – Macquarie Island Toothfish Allowable Catch

Mr McNeill and Mr Arangio declared their interest under all remaining agenda items. The members left the room. SouthMAC discussed whether the members needed to leave the room for any agenda items; it was agreed that, as their input was essential to the agenda items, they should remain in the meeting room for all discussions but not recommendations. It was further agreed that at any time if members felt that Industry should not be in the room they would be asked to leave.

SouthMAC noted that CSIRO presented results from an integrated stock assessment of Patagonian Toothfish at Macquarie Island using data up to and including 2020 and conditional age-at-length data until August 2019. Members noted that a total allowable catch for the entire Macquarie Island region was again calculated using the new model developed by CSIRO and following the CCAMLR decision rules.

SouthMAC noted that the assessment fits data obtained from the tag-recapture program since 1995, to length composition information for the years 1994-2020, and to age-at-length data obtained from aged otoliths (1997-2019). Members further noted that the model is consistent with the 2019 assessment with only one sensitivity, a higher natural mortality, having an substantive impact. Members noted that CSIRO presented a range of recommended TACs (from 620t-655t) to SARAG with an average of 644t which is an 11% increase from the 2019 assessment. SouthMAC noted that SARAG recommended a TAC of 635 tonnes with a voluntary agreement from industry to spread the effort using the following splits: 300t Aurora Tough; 251t Northern Macquarie Ridge; and 84t Southern Macquarie Ridge.

Industry members left the room and SouthMAC recommend a TAC of 635 tonnes with a voluntary spatial split as proposed by SARAG.

On behalf of SouthMAC, the Chair thanked CSIRO for comprehensive assessment.

SouthMAC noted that during the 2019/20 season there was a season extension at the start of the season and also the standing season extension of one week (1-7 September) at the end of the season. Members noted that until fishing occurs between 1-7 September the end of season extension will remain in place allowing data to be collected to assess bird abundance. Industry reported that in 2019/20 the end of season extension was not used, however, there was fishing in the pre-season extension and noted that bird numbers were low and only night time setting was used.

Agenda item 7 – Fishery Assessment Plan 2022/23 - 2023/24

Members noted that AFMA had drafted a 2022/23 - 2023/24 MITF Fishery Assessment Plan (FAP) with only minor edits from the previous FAP (2020/21 – 2021/22). Members noted that SARAG agreed that a tag rate of two tags/tonne and a minimum tag overlap of 60% (but with an aim for 80%) was still appropriate and that industry would provide more up-to-date figures for the cost of the tagging work.

SouthMAC noted the comments on the draft MITF FAP from SARAG and SouthMAC will be incorporated into the FAP before finalisation prior to the MITF season start on 15 April 2022.

Heard Island and McDonald Islands Fishery

Agenda item 8 – Patagonian Toothfish stock assessment update

SouthMAC noted that at the meeting on 5 May 2021, SARAG was presented with the paper titled 'Draft integrated stock assessment for the Heard Island and McDonald islands Patagonian toothfish (*Dissostichus eleginoides*) fishery in Division 58.5.2'.

SouthMAC noted that the 2021 assessment was an update of the 2019 model including updated catch data to 2021 and observations until the end of 2020 (including new ageing data from the RSTS and commercial fishery) plus updated growth parameters and a vessel tagging performance index.

SARAG noted that the tagging performance index was not correctly applied in the HIMI stock assessment and recommended to defer the inclusion of a tagging performance index to the next assessment. The scientific member explained that there was a conflict in the information from the random stratified trawl survey (RSTS) and the tagging data as the RSTS indicates a recent recruitment pulse which is not reflected in the tagging data. SouthMAC also noted that the spatial distribution of tag releases had decreased over the last few fishing season and agreed that the HIMI Fisheries Assessment Plan should be amended to encourage the spatial spread of fishing effort.

SouthMAC noted that the catch limit which satisfies the CCAMLR decision rules would result in the spawning biomass status remaining below 40% of virgin spawning biomass for almost ten years and would only return to the target level at the end of the 35 year period.

SouthMAC noted that SARAG had discussed an F-based decision rule rather than constant catch limit that is currently used by CCAMLR. Members noted that the Australian delegation will discuss this approach with other CCAMLR members before the meeting to address any concerns. Members further noted that CCAMLR has started discussions about alternative CCAMLR decision rules at recent meetings including considerations to use an F-based approach rather than constant catch.

The AAD member noted that the new strategy would need to be presented to the Working Group on Statistics, Assessment and Modelling before going to the Scientific Committee and Commission.

Agenda item 9 – Skate and Ray catch limits

SouthMAC recalled that currently there is a skate and ray bycatch limit of 120 tonnes in the HIMI Fishery. Members noted that during the icefish trawl fishery there is a higher skate bycatch and if the total allowable catch of icefish increases this will likely increase skate bycatch. Members noted that Dr Jaimie Cleeland presented preliminary results at the SARAG meeting on an evaluation of skate catch limits and related bycatch issues in the HIMI fishery. Based on these preliminary results, a higher combined bycatch limit for skates could be sustainable that could be separated for the three main species (*Bathyraja eatonii*, *B. murrayi* and *B. irrasa*). Members noted that Dr Cleeland is hoping to get more accurate bycatch information from electronic monitoring to better estimate total skate bycatch and fishing-induced mortality. SouthMAC noted that Dr Cleeland will prepare a written paper for the next SARAG meeting.

Agenda item 10 – Fishery Assessment Plan 2021/22 - 2022/23

Members noted that AFMA had drafted a 2021/2022 – 2022/23 HIMI Fishery Assessment Plan (FAP) with only minor changes from the previous FAP (2019/20 – 2020/21). Members agreed that a tag rate of two tags/tonne and a minimum tag overlap of 60% (with an aim for 80%) was still appropriate. SouthMAC noted that SARAG had recommended the following words be included in the new HIMIF FAP to ensure that effort is spread across the range of the fishery.

It is not only the total number of tags released that is important to the stock assessment, but also spatial spread of both tag releases and scanning (recapture) effort. Therefore, industry are strongly encouraged to spread effort to the extent that is practically possible within the area of the fishery where tags have previously released (see Figure xx). The practice of continually fishing in a small area also causes difficulty for non-spatial tag-based models.

Members noted that the changes to the observer requirements in the HIMI FAP was not a decision made by SouthMAC. SouthMAC noted that amendments will be incorporated into the FAP before finalisation prior to the HIMIF season start on 1 December 2021.

Agenda item 11 – Trawl gear modification trial

SouthMAC noted that in November 2020, Austral Fisheries Pty Ltd was issued with a scientific permit to trial a new icefish trawl rig comprising lighter gear, though with smaller bobbins and discs than permitted under the HIMIF regulations.

Members noted that the vessel *Cape Arkona* ran trials of the new gear in December 2020/January 2021 and March/April 2021. Members noted that the trial showed lower skate bycatch with a higher ratio of Mackerel Icefish to skates when using the lighter gear. The lighter gear also appeared to not be impacting the benthos as much with the skipper on the vessel reporting less sand and weeds in the net and also less damage to the Mackerel Icefish.

However, industry acknowledged that there is currently not enough data for the new gear to conclusively determine the difference between the gears.

SouthMAC noted that SARAG has requested that the trial continue for another year to provide more data which will be presented at a SARAG meeting in 2022.

CCAMLR New and Exploratory Fisheries

Agenda item 12 – Exploratory fisheries proposals for 2021/22

SouthMAC noted that one proposal for New and Exploratory fisheries was received from Australian Longline Fishing Pty Ltd and the proposal was tabled and supported at the CCAMLR Consultative Forum Meeting on 3 May 2021.

Members noted that the final decision on whether to lodge a proposal with CCAMLR is taken by the relevant Australian government agencies that are also responsible for final preparation and submission of the proposal documents. SouthMAC noted that AFMA and AAD will be making some amendments to the proposal and the final application for New and Exploratory fisheries will be submitted by Australia to the CCAMLR Secretariat no later than 1 June 2021.

Finance

Agenda item 13 – 2021/22 budget process

The AFMA observer explained that AFMA had already circulated to industry for consultation a draft 2021/22 budget. The Cost Recovery Impact Statement (CRIS) was also circulated at the same time and explained what fees are collected through the levy base and what is government funded.

SouthMAC noted the following key points of the draft 2021/22 budget:

- Observer costs in the 2020-21 financial year were reduced due to travel restrictions imposed by the COVID-19 pandemic leading to reduced observer deployments. The 2021-22 budget figures more accurately reflect regular AFMA observer placements of one AFMA observer per vessel per trip.
- Bycatch costs have increased across all fisheries slightly to rectify an issue in the 2020-21 budget, where overheads associated with bycatch costs were 100% government-funded rather than split between cost recovered and government funds.
- VMS costs have increased across all fisheries, due to an increase in IMMARSAT costs.
- A component of the cost recovered budget shifted from 'licensing administration and revenue1' to 'logbooks and CDRs'. The net increase in these costs for HIMI was \$11,098 and \$6,455 for Macquarie Island. This is to reflect IT support staff shifting focus onto implementing and embedding agency data capture platforms in 2021-22. The IT

systems to support paper and electronic logbooks and manual CDRs has reached its 'end of life'. A new system is being implemented and will be able to capture logbooks and CDRs – both in paper and digital.

- Fee-for-service revenue for Macquarie Island has been revised to more closely reflect actual revenue.
- Reduced research costs for Macquarie Island reflect the phasing of milestone payments for the toothfish stock assessment contract.

The AFMA observer further explained that the increases to the IT costs were due to the fact the previously the sub-Antarctic fisheries did not get IT budget increases as they were for systems that are not used in the fisheries. Members noted that as a result of announcement that the Federal Government is investing \$10 million in IT there may be some reduction to all Commonwealth fisheries in the cost recovered IT costs.

Industry members noted that they also provided comments on the AFMA budget process through the Commonwealth Fisheries Association.

The AFMA member noted that currently in the sub-Antarctic fisheries, observer costs are recovered differently than in other Commonwealth fisheries. SouthMAC noted that only a proportion of observer costs are included in the levybase with the remaining costs recovered on a fee-for-service basis. AFMA indicated that the costs could be recovered fully under the levybase or fee-for-service if requested. Industry members requested that the observer costs be recovered in the same way as they are currently collected.

Other

Agenda item 14 - Update on US Marine Mammal Imports

The AFMA member indicated that AFMA are continuing to work with the DAWE to update detailed information for Commonwealth fisheries to feed back into the US assessment process. It is expected that following this assessment a number of fisheries currently listed as export may become exempt. SouthMAC noted that AFMA continues to provide information stating that the take of marine mammals is low in the three 'export' fisheries but reporting is 100% due to observer coverage and therefore Australia will seek to have these fisheries placed on the exempt list.

Members noted that the Department has commissioned a marine mammal scientist to complete a detailed assessment of relevant Australian marine mammal stock status as part of the comparability finding process and to inform the Australian submission.

SouthMAC noted that by December 31, 2022, a harvesting nation must apply for and receive a comparability finding for each of its export and exempt fisheries on the list to continue to export fish and fish products from those fisheries to the United States.

Agenda item 15 – Developmental Fishing Policy

SouthMAC noted that AFMA's policy for facilitating new and exploratory fisheries (FMP5) is currently under review. The AFMA member explained that it has been modified to better enable exploration and development of new fisheries and simplifies the process of exploring new resources based on balancing risk and cost while using AFMA's Ecological Risk Management (ERM) Framework. It is expected to encourage fisher-led exploration and

development of Commonwealth resources through increased transparency and possible allocation of on-going access rights.

Members noted that it is unlikely that this policy will impact the sub-Antarctic fisheries, however, noted that the policy needs to be clear that research is essential for any new and exploratory fishing.

SouthMAC noted that the final FMP5 policy (incorporating comments from MACs) will be provided to the July 2021 Commission meeting for approval.

Agenda item 16 – Environmental interactions and gear loss/recovery

SouthMAC noted that during the 2020/21 HIMI Fishery fishing season (as at 27 April 2021) five seabirds have died as a result of interactions with fishing gear in the HIMI fishery (since 1 December 2020).

On 13 December 2020 a white chinned petrel was found deceased in the trawl net

On 2 April 2021 a Southern black browed albatross was hooked on longline gear when setting and drowned

Two white chinned petrels were hooked on longline gear when setting and drowned on 5 April 2021 and 17 April 2021

On 8 April 2021 a white chinned petrel was hooked on longline gear when setting and drowned

SouthMAC noted that during the 2020/21 seasons of the MITF and CCAMLR Exploratory Fisheries there were no marine mammal or bird interactions with fishing gear. Members noted that there were three Porbeagle sharks interactions with fishing gear in the MITF.

Members further noted that there was a significant decrease in the amount of gear lost in the HIMI Fishery in 2020 compared to 2019. The amount of gear recovered was also greater than the amount of gear lost.

In 2020/21 Exploratory fisheries had a significant increase in gear lost when compared to the previous season. Industry explained that the increase in gear loss in the current season was the result of sea ice preventing the retrieval of gear.

Agenda item 17 - Other Business

SouthMAC noted that this was the Chair's final meeting as all SouthMAC membership expires on the 30 June 2021 and he had not applied for re-appointment. AFMA on behalf of all SouthMAC members thanked Mr Neville for his dedication and professionalism as the Chair of SouthMAC for the last 9 years. Mr Neville thanked members and noted that it was a pleasure to Chair SouthMAC.

The Executive Officer noted that a new Chair would be appointed shortly and that applications for members for SouthMAC close on the 28 May 2021.

Agenda item 18 - Next meeting

SouthMAC agreed to meet via teleconference in November 2021 to discuss the outcomes of CCAMLR and to recommend a TAC for Patagonian Toothfish and Mackerel Icefish for the 2021/22 season. Members agreed the next face-to-face meeting of SouthMAC would be held in Hobart in early 2022 in conjunction with SARAG.

The Chair closed the meeting at 3:00pm.

Sub-Antarctic Fisheries Management Advisory Committee (SouthMAC) - Meeting 39

Final Agenda

Thursday 6 May 2021

1:00pm – 4.00pm

Runnymede room

Lenna of Hobart, 20 Runnymede St, Battery Point, TAS

Introduction

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|-----|--|-------|-----------------|
| 1. | Preliminaries | | |
| 1.1 | Declaration of interests | Chair | For Discussion |
| 1.2 | Apologies | AFMA | For Information |
| 1.3 | Adoption of Agenda | Chair | For Decision |
| 2. | Minutes from SouthMAC 38 & November teleconference | AFMA | For Information |
| 3. | Action Arising | AFMA | For Discussion |
| 4. | Correspondence | AFMA | For Discussion |
| 5. | Update on fishing operations
(HIMI, MITF, Exploratory, observers) | All | For Information |

Macquarie Island Toothfish Fishery

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|----|--|-------|--------------------|
| 6. | Macquarie Island Toothfish Total Allowable Catch | CSIRO | For Recommendation |
| 7. | Fishery Assessment Plan 2022/23-2023/24 | AFMA | For Discussion |

Heard Island and McDonald Islands Fishery

- | | | | |
|-----|--|---------|-----------------|
| 8. | Patagonian Toothfish stock assessment update | AAD | For Discussion |
| 9. | Skate and ray catch limits | AFMA | For Information |
| 10. | Fishery Assessment Plan 2021/22-2022/23 | AFMA | For Discussion |
| 11. | Trawl gear modification trial | Austral | For Discussion |

CCAMLR New and Exploratory Fisheries

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| 12. | Exploratory fisheries proposals for 2021/22 | AFMA | For Information* |
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Finance

13. 2021/22 budget process AFMA For Information

Other

14. Update on US Marine Mammal Imports AFMA For Information

15. Developmental Fishing Policy –
Fisheries Management Paper 5 AFMA For Information

16. Environmental interactions and gear loss/recovery Indus/AFMA For Information

17. Other Business Chair For Discussion

18. Next Meeting Chair For Discussion

* Verbal update, no agenda paper provided