



Australian Government

Australian Fisheries Management Authority



Southern and Eastern Scalefish and Shark Fishery - Great Australian Bight Resource Assessment Group (GABRAG)

 GABRAG 2 NOVEMBER 2012
TELECONFERENCE

MINUTES

The first Great Australian Bight Resource Assessment Group (GABRAG) meeting for 2012 was a teleconference hosted in Canberra on 2 November 2012.

Attendees

Members

Dr Rik Buckworth, Chair, CSIRO
Mr Ross Bromley, AFMA Member
Dr Ian Knuckey, Scientific Member, Fishwell
Ms Marcia Valente, Industry
Mr Jim Raptis, Industry
Mr Andy Moore, ABARES
Mr Jeff Moore, Executive Officer, GABIA
Dr Neil Klaer, Data Scientist & Stock modeler, CSIRO
Ms Karen Dalli, AFMA, Executive Officer GABRAG

Observers

Mr Ryan Keightley, AFMA
Mr Mark Chambers, ABARES

The meeting opened at 9:40 am.

Agenda Item 1 - Preliminaries

1.1 Welcome and Apologies

Dr Rik Buckworth (the Chair) opened the meeting at 9:40 am (AEDT) and welcomed members. The Chair ran a quick roll call to confirm those online and informed members that Mark Chambers (author of the Agenda Item 2.3 paper) will be joining the meeting at that item.

The Chair noted that in keeping with normal practice, the meeting would be recorded to assist with preparation of the minutes.

1.2 Declarations of Interest

The Chair asked the RAG members to declare any interests and agree that no one's personal interest is being served.

Participant	Interest Declared
Dr Rik Buckworth, Chair	Employed by CSIRO, interest in sources of funding for research purposes and Director of a small company that holds patents for hooks that sample tissue.
Mr Ross Bromley, AFMA Manager	No pecuniary interest
Dr Andy Moore	ABARES – Interest in sources of funding for research purposes, no personal pecuniary interest
Dr Ian Knuckey, Scientific Member	Director Fishwell Consulting – Interest in sources of funding for research purposes, research work for GABIA and a purveyor of electronic logbook systems.
Mr Jim Raptis, Industry	GAB boat and quota SFR holder
Ms Marcia Valente, Industry	GAB boat and quota SFR holder
Mr Jeff Moore, GABIA EO	Great Australian Bight Industry Association (GABIA) EO, board member of Commonwealth Fisheries Association and industry member for Marine National Parks, no pecuniary interest.
Dr Neil Klaer, Scientific member	Employed by CSIRO – Interest in sources of funding for research purposes
Ms Karen Dalli, AFMA, GABRAG EO	No pecuniary interest
Mr Ryan Keightley, AFMA	ShelfRAG EO, no pecuniary interest
Mr Mark Chambers, ABARES	ABARES – Interest in sources of funding for research purposes, no personal pecuniary interest.



1.3 Adoption of Agenda

Members adopted the agenda, prioritising the discussion on the stock assessments.

1.4 Adoption of minutes of GABRAG 1 - October 2011

The draft minutes from GABRAG October 2011 were discussed. The RAG concluded that minor amendments should be made to the document prior to finalisation.

Action Item 1 – EO to update GABRAG 1 - October 2011 minutes.

1.5 Adoption of minutes of GABRAG 2 – December 2011

The draft minutes from GABRAG December 2011 were discussed and the RAG agreed with the comments from the Chair and clarified any uncertainties. The RAG concluded that some amendments should be made to the document prior to finalisation. The RAG agreed that in future the minutes should not be written out in a he said/she said formula but rather a brief and succinct summary stating the results of the discussion and be circulated within 2 weeks of the meeting.

Jeff Moore reminded the RAG of a discussion in Adelaide where Table 1 was drawn and the research priorities and terms of reference were outlined. Jeff Moore was concerned that this was not captured in the previous minutes, as the ranking process occurred at the RAG. The RAG agreed to discuss and review the research priorities as an agenda item at the next meeting.

Table 1. GABTF Research Priorities

Name of research	Data collected/analysed	Quality/use
ISMP	age	Medium
	length	Medium
	composition	Medium
FIS	age	High
	length	High
	composition	High
	index	High
Fishery	catch	High
	CPUE	Low
Stock Assessment	Tier 1	High- if available
	Tier 4	Medium

Action Item 2 – EO to update GABRAG 2 - December 2011 minutes.

1.6 Actions arising from GABRAG 2 December 2011

GABRAG discussed the actions arising from GABRAG 2 - December 2011.

1. AFMA to develop a rolling calendar for RAG meetings. **Status: Incomplete.**

Action Item 3 – EO to produce a rolling calendar for RAG Chair and members.

2. Chair to write to Semi Skoljarev, Steve Auld and Mark Elford thanking them for their contributions to the RAG. **Status: Incomplete.**



Action Item 4 - Chair to write to Semi Skoljarev, Steve Auld and Mark Elford thanking them for their contribution to the RAG.

3. Jeff Moore to provide wording on Tier 4 assessments from page 12 of previous minutes. **Status: Completed.**

4. The RAG to give Jim Raptis clear direction on what sampling information is to be collected during trips. **Status: Completed.**

5. Chair to write to SESSFRAG to obtain clear procedures on how to incorporate discards into assessments. **Status: Ongoing.**

6. Neil Klaer to look at cleaning up data for Western Gemfish before data meeting in July 2012. **Status: Ongoing.**

7. AFMA Manager to speak to AFMA Executive and see if FIS data can be entered for the whole SESSF. **Status: Ongoing.**

Action Item 5 - AFMA Manager to investigate and provide a report on the FIS and industry data collection and availability and whether the problem in data collection is going to be rectified and ensure there is quality control on entering the data collection.

8. Neil Klaer to check anomalies in port and on board frequency data for Western Gemfish and Bight Redfish which adds "tails" to graphs. **Status: In progress - carried over from GABRAG 1, 2011 – Refer to Action Item 6.**

9. AFMA Manager to check AFMA Data Entry is punching data correctly into port sampling database for Bight Redfish and Flathead. June 2010 data was noted to be inconsistent. **Status: Incomplete.**

10. Tom Kompas to include probability values in final report for MEY project. **Status: Incomplete.**

Action Item 6 – Neil Klaer to report back on Tom Kompas probability values in final report for MEY project.

11. Neil Klaer to check if there is a filtering issue with regard to the port sampling in 2006, 2007/08. AFMA to investigate if the data for 2006, 2007/08 exists and if so provide this to Neil Klaer. **Status: Incomplete – see Action Item 8.**

12. Neil Klaer to look at inserting data for flathead otoliths in base case assessments. **Status: Completed.**

13. Research sub group to collect further data on Western Gemfish spawning grounds for analysis. **Status: Ongoing.**

14. Jeff Moore to locate terms of reference for Sub-Group and send to EO for dissemination. **Status: Completed.**

15. AFMA Manager to ensure an observer is taken on the Danish Seine vessel to understand catch composition and if any additional bycatch devices should be used. **Status: Completed - observer coverage. Incomplete - Whether or not there needs to be any additional bycatch measures/mitigation.**



Action Item 7 – AFMA Manager to report on bycatch data and the report from the observer coverage on the GABTF Danish Seine vessel.

16. Simon Viera to adjust TRF application to include elasticity measure. **Status: Withdrawn.**

17. AFMA manager to write to CTS to get information on any spawning or pre-spawning Western Gemfish. Data to be collected is length frequency, age data and reproductive data. Whole adult fish to be collected in January/February 2012 to check for gonad development. **Status: Incomplete.**

Action Item 8 – AFMA Manager to forward on information from Kevin Rowling in regards to gonad ranking in various stages.

18. Neil Klaer to rerun the Tier 4 Western Gemfish assessment with the addition of discards. **Status: Completed.**

19. Length frequency data and sex data on Western Gemfish to be collected for future assessments. Whole adult fish to be collected in January/February from 126° – 128°E for developing gonads. **Status: Completed.**

20. Research Sub Group to organise workshop in early 2012 to discuss research priorities. **Status: Incomplete.**

21. Neil Klaer to include effort in all data summaries for the SESSF. **Status: Completed.**

Action Item 9 - Neil Klaer to provide fishery effort breakdown in the GAB fishery/operations/year.

1.7 AFMA Managers Report

AFMA Manager thanked Jeff Moore for developing and disseminating the agenda last week and provided a succinct report on what is happening within AFMA that would be of interest to the RAG.

Quota Administration Policy

The Quota Administration Policy which has been developed over the past few months has gone to the commission who accepted it but would like it shortened and redrafted.

Action Item 10 – AFMA Manager to provide summary on the Quota Administration Policy.

Blue Warehou

Blue Warehou has been nominated for listing under the *Environment Protection and Biodiversity Conservation Act 1999* and a decision is due by September 2014. AFMA has drafted a submission which was sent to ShelfRAG for consideration and feedback. Some industry groups and CSIRO will also be providing information.

AFMA Commission

The Commission has provided information on timeliness of minute distribution and indicated that minutes from RAG meetings should be finalized within two weeks of the



meeting. The Commission has also asked that scientific advice from RAGs be highlighted in the minutes.

Harvest Strategy Framework

The Harvest Strategy Framework is currently being reviewed by DAFF, and anticipates recommendations on suggested changes made late 2012. Jeff Moore advised the RAG that a paper will be coming out in early December for public submission on the Commonwealth Fisheries Harvest Strategy Policy and Guidelines Review. He also advised a discussion paper on the Commonwealth Policy on Fisheries Bycatch Review will be released for public consultation period prior to DAFF making any decisions.

Bycatch

AFMA is currently redrafting the Great Australian Bight Trawl Fishery (GABTF) Bycatch and Discard Workplan and anticipate a draft copy being available for comments at the next RAG meeting.

Action Item 11 – AFMA Manager to draft GABTF Bycatch and Discarding Workplan 2012-14.

Orange Roughy Conservation Review

AFMA is waiting on advice from CSIRO regarding appropriate reference points for this species and anticipate having the review completed at the end of year.

Research Catch Allowance

AFMA is undertaking a review of the research catch and effort allowance policy; it is primarily being driven by concerns over the integrity of the FIS when the catches may be constrained by the lack of research catch allowance. AFMA is looking at developing a policy that would remove that impediment by decrementing the research catch taken from the following years Total Allowable Catch (TAC). AFMA aims to have this policy in place by this year's TAC setting process.

Borthwick review

The AFMA submission is due by close of business today and David Borthwick is due to have his response to government by mid to late December 2012.

The RAG asked what impact the listing of Blue Warehou would have on the GABTF and recommends an out of session discussion on Threatened Species Scientific Committee (TSSC) nominations.

The RAG adjourned at 11:45 am and resumed at 12:07am

Ryan Keightley (AFMA) joined the RAG at 12:07 pm

Upper Slope Dogfish Management Strategy

The Chair welcomed Ryan Keightley and asked for any declarations of interest. Ryan Keightley advised he has no pecuniary interest.

Ryan Keightley presented an update on the Upper Slope Dogfish Management Strategy (the Strategy).



AFMA has developed the Strategy, which has been forwarded to the TSSC for consideration. There is a meeting scheduled for 19-20 November, where AFMA will present the Strategy to TSSC for feedback. The TSSC will make a recommendation to the Environment Minister whether this species should be listed and this is due in February 2013.

AFMA believes the Strategy is strong enough to prevent the listing of Harrison and Southern Dogfish as higher than conservation dependent. The Strategy consists of a network of spatial closures and some complementary management arrangements. If these species are listed as higher than conservation dependent trawling could be listed as a key threatening process.

GABIA provided feedback on the Strategy that AFMA circulated. GABIA didn't support any additional closure due to the range of measures, minimal catch from the GAB and significant closures that already exist. GABIA's understanding is that AFMA has recommended small additional closures which link the very eastern end of the GAB trawl and the CTS through "Macca's" canyon.

GABIA would like to confirm whether this is the only potential impact on the GABTF. Ryan Keightley responded that in the draft Strategy this is still the only potential closure; however, it may be subject to change after feedback received from the TSSC.

The RAG asked if the feedback from the TSSC to AFMA on the Strategy is only available to AFMA or is available to broader audience such as the RAG.

Action Item 12 – AFMA Manager to investigate whether the TSSCs feedback to AFMA on the Upper Slope Dogfish Management Strategy is only available to AFMA or is it available to a broader audience such as the RAG.

Ryan Keightley left the meeting at 12:27 pm

Agenda Item 2 - Stock Assessments

2.1 Deepwater Flathead Stock Assessment

The RAG discussed on-board industry data handling and entering.

The fish length measurements, collected by industry during 2010-11, were recently forwarded to CSIRO in Excel spreadsheets instead of a database. A database would contain quality checks. The data was unable to be utilised by CSIRO as it was in an unsuitable format, resulting in industry data from 2010-11 not being included in the assessment.

The RAG was presented with the options to either proceed with the stock assessment without the additional data, or to incorporate the additional data and re-do the stock assessment. These options were discussed taking into consideration the timeframe, work involved, the predicted outcome and the risk for the fishery.

The RAG noted that the request for industry to collect the on-board length data went through the RAG process, and industry has taken the time and effort to obtain all the data and forward it on to AFMA.



Industry noted that from an operator point of view, obtaining the best assessment with available data is the most ideal result. Industry can live with the results varying if they are accurate and using all the available information. In addition, industry pays for this data to be utilised and would like an undertaking from AFMA that this is not going to happen in future.

The RAG **accepted the Deepwater Flathead base case with the additional 2010-11 length frequencies included** and understands that due to time constraints on rerunning the assessment it will be difficult for the base case to be rejected in December.

Action Item 13 – Neil Klaer to re do the Deepwater Flathead stock assessment with the new data.

Action Item 14 - Ian Knuckey to organise for Matt Koopman to extract the industry length data from Excel spreadsheets and into a database with quality checks that Neil Klaer can utilise.

The RAG discussed possible solutions to ensure that data is being entered into a database. Jeff Moore informed the RAG that up until 2009 this sort of data was being entered into the ISMP data as port samples. The GABTF boat operating procedures manual has a whole section jointly written by AFMA and GABIA which clearly sets out the process; this agreement was made in 2008. From 2010/11 onwards; there has been a decision made not to enter this data in the ISMP database.

Neil Klaer informed the RAG that the ISMP database utilised by AFMA observers does not hold port length data. The crew don't collect all the data that the AFMA observers take so there is an access database that is set up to specifically to collect port samples. The database is assumed to have error corrections built in.

Marcia Valente asked the RAG if it was possible to download information from the trip into Olfish, by getting the crew sheets entered into the system by people that would have more experience and knowledge that would enter the data and then forward this to AFMA.

Ian Knuckey's response was that Olfish is set up for entering all the information required and that's how the observers do it. However there is an issue on how to get the FIS data to AFMA as well. Marcia Valentes solution will most likely happen in the future but at the moment it is important to investigate what is happening with the collection and management of data.

Action Item 15 – The Chair to write to SESSF that the RAG has identified a problem with the FIS and industry data availability which needs to be addressed as a matter of urgency.

The RAG adjourned at 1:40 pm and resumed at 2:20 pm

Neil Klaer explained the Deepwater Flathead assessment with the RAG.

- The latest catch estimate of 973,371 kg is from AFMA CDRs for financial year and is slightly larger than the previous year.
- The survey data from 2005 through to 2011 undertaken annually apart from 2010 is a useful series of abundance index information.



- The addition of industry measurements collected in 2011-12 resulted in the largest difference out of all the assessment changes made, the addition of data resulted in a decreased final biomass estimate.
- The final recruitment was changed from 2006 to 2004, with sensitivities on the 2005 and 2006 assessments resulting in minimal differences.
- The 2004 recruitment has the biggest influence on the final biomass.
- The main difference between the current stock assessment and the 2010 assessment is the size of the 2004 recruitment. The 2004 recruitment was above average but not as big as we thought it was in the 2010 assessment.
- The stock assessment estimates the long term RBC at around 1000 t, similar to the last assessment.
- The standardised CPUE agrees with industry in that the availability of stocks oscillates.

The RAG discussed age data and indicated that samples should be collected throughout the year. The RAG noted that the assessment is run on financial years so samples need to be collected not just at the end of the year but also between January and June.

Action Item 16 – AFMA Manager to ensure that ageing data from observers is collected between January and June.

Ian Knuckey confirmed that the ageing facility has received about 300 otoliths collected from Deepwater Flathead. These have been prepared and will be read in time for the results to be included in the assessment.

Action Item 17 – AFMA Manager to investigate why the otoliths in the observer report dated 16 July 2012 sent to GABMAC stating 375 otoliths were collected for Deepwater Flathead weren't forwarded on to the ageing facility in Queenscliff in a timely manner.

Action Item 18 – Ian Knuckey to forward on otolith data from ageing services to Neil Klaer by the 14 November.

The RAG **agreed** the **additional data should be included in the stock assessment**.

Jim Raptis left the meeting at 2:07 pm

The RAG noted a selectivity change occurred in January 2007 with the introduction of T-90 panels but has not been included as a sensitivity in the assessment. The RAG agreed to review the size of 50 per cent selectivity and possibly investigate comparisons between T-90 and diamond mesh codends next year. This selectivity may also affect Bight Redfish assessments.

2.2 Bight Redfish (update/review)

The RAG agreed to use the estimated RBC from the previous assessment if no break out rules were triggered, and to defer the CPUE analysis until the GABRAG 2 meeting in December.

2.3 Western Gemfish Discussion



Mark Chambers joined the meeting at 3:30 pm

The Chair welcomed Mark Chambers (ABARES) and asked for any declarations of interest. Mark Chambers has an interest in sources of funding for research purposes with no personal pecuniary interest.

Mark Chambers presented an update to last year's Western Gemfish Tier 1 assessment (*Quantitative Assessment of the Western Gemfish Stock - Reducing Uncertainty in Stock Status*), noting that it was still going through an internal clearance process at ABARES.

Key points on the updated assessment include:

1. Updates on stock structure and changes in the way previous data was categorised.
2. Updated length frequency data which resulted in an increase in the estimated biomass of the stock and had a sizable effect on the depletion levels.
3. The sensitivities, with the exception of those relating to changes in natural mortality, produced relatively consistent results with the base case (Table 6, p18).

The RAG provided feedback on a point raised by industry regarding a vessel which highly targeted Western Gemfish for a short period and the potential implications this could have on the data/assessment, should be noted in the document.

The Chair thanked Mark Chambers, Andy Moore and Belinda Barnes on behalf of the RAG for the assessment.

Mark Chambers left the meeting at 4 pm

Agenda Item 5 - Research

5.1 Outcomes of GABRAG sub-group

The RAG **agreed** that **the following research priorities** be presented to the AFMA Research Committee (ARC), recognising that the economic sustainability of the GAB is important.

1. Evaluation of the FIS – its costs and benefits to inform not only the GAB but the SESSF
2. Continuation of the GAB fishery independent survey
3. A research project to investigate Western Gemfish stock structure, boundaries and spawning behaviour (if Andy Moore's project is not approved by FRDC).
4. Research on improving the economic efficiency of the GAB trawl fishery

Anthony Moore left the meeting at 4:05 pm

The RAG discussed the ranking of the research priorities. Members agreed that the evaluation of the FIS is most important and a costly FIS that is not valuable is insufficiently utilising resources. The benefits/cost/risk of a FIS being undertaken every 3 years was also discussed, noting that a proposal for a FIS in 2014 is high priority.



The RAG concluded that the evaluation of the cost-effectiveness and importance of a FIS in relation to stock assessments should be placed as a high recommendation rather than medium and supports the undertaking of a 2014 FIS.

The Chair noted that the value of this project is across the whole SESSF and provides information not readily available.

Neil Klaer brought up the cost/risk/catch project analysis being undertaken by Cathy Dichmont. The Chair will attempt to gather more information from Cathy Dichmont as it would be beneficial in assessing research priorities.

Action item 19 – Chair to gather more information from Cathy Dichmont on the cost/risk/catch project analysis.

The letter from Simon Viera from ABARES regarding maximising the returns to the Australian Community was read out by the AFMA Manager. Jeff Moore provided clarification on the letter, explaining that due to the feedback Simon Veira was receiving from COMFrab the project was constantly adjusted. This resulted in the project not meeting the identified needs of the GAB and industry not being able to support it given the cost involved.

Jim Raptis returned to the meeting at 4:30 pm

5.2 Research review, including assessment/FIS and role as part of risk/catch/cost analysis

The RAG noted it was a high priority to set aside a day to develop a plan for the next five years of research in the GAB.

The RAG **agreed** to hold a **research meeting/workshop** post GABRAG – 2 to discuss research directions. The RAG Chair supported employing a Chair externally to facilitate the planning day. Jeff Moore undertook to write a letter a suitably qualified person to provide that service.

Action item 20 – Jeff Moore to provide a draft agenda for the research meeting in December.

Action item 21 – Jeff Moore to write a letter to a facilitator asking if they would like to Chair the workshop in December.

5.3 Research priorities for the upcoming ComFrab/ARC

The RAG members discussed the research priorities to be considered by the ARC as raised by the research sub-group in agenda item 5.1.

Members agreed on the following research priorities and their status:

1. Evaluation of the cost-effectiveness and importance of a Fishery Independent Survey in relation to stock assessments (High)
2. Fishery Independent Survey in the Great Australian Bight Trawl Fishery (High)
3. Western Gemfish stock boundaries ad spawning behaviour (High)



4. Information and analysis on increasing economic efficiency and industry profitability (Medium)

5.4 Orange Roughy Research

The RAG **agreed to postpone** this standing agenda item to be discussed in GABRAG - 2 in December. Jeff Moore noted that if there are no concrete changes to the conservation plan flagged, industry would propose status quo arrangements in terms of the GAB Orange Roughy research plan including access to the research zones by scientific permit be carried over for 2013.

Agenda Item 4 – Data/monitoring

RAG **agreed to postpone Agenda Item 4** until the GABRAG 2 Meeting in December 2012.

Agenda Item 3 - Harvest Strategy

The RAG **agreed to discuss and consider Agenda Item 3 in more detail at GABRAG 2** in December.

3.1 GAB HSP into SESSF (standalone section)

The RAG was informed that the MAC agreed on a single SESSF HSP with the GABTF identified in a separate section. The RAG agreed to a single SESSF HSP with the GAB specific harvest strategy policy and decision rules issues being identified in an overarching document.

Action Item 22 - AFMA Manager to provide a draft of the GABTF harvest strategy policy and decision rules section to be included in the SESSF HSP.

3.2 TAC/s, Harvest Strategy and decision rules

The RAG noted this is a standing agenda item and will discuss further at GABRAG 2 in December.

Agenda Item 6 - Other Business

6.1 GABRAG to consider fisheries closures in context of future Commonwealth marine parks

RAG **agreed to postpone Agenda Item 6.1** until GABRAG 2 in December 2012 as visual aids would be beneficial.

6.2 Seismic Surveys

The RAG members discussed the recent seismic surveys in the GAB and whether or not they have an impact on fish movements as this could affect CPUE data and stock assessments.



RAG members noted a current project being conducted in Bass Strait by FRDC and TAFI. It was suggested that GABRAG writes to FRDC for more information on this project.

Action Item 23 - Ian Knuckey to write to FRDC on behalf of the RAG for more information on the seismic survey project.

Action Item 24 – Jeff Moore to follow up directly with BP regarding the sound logger information that the company had previously agreed to provide.

Agenda Item 7 – Next Meeting

The RAG discussed the next meeting of GABRAG being held at the Stamford Grand in Adelaide on the 3 (GABRAG) and 4 (Research) December 2012.

Meeting closed at 5:05 pm

Actions arising from GABRAG 1 – 2 November 2012

Action Item	Action Person	Timeframe
1. EO to update GABRAG 1 – October 2011 minutes.	EO	2 weeks
2. EO to update GABRAG 2 – December 2011 minutes.	EO	2 weeks
3. EO to produce rolling calendar for RAG Chair and members.	EO	December 2012
4. Chair to write to Semi Skoljarev, Steve Auld and Mark Elford thanking them for their contribution to the RAG.	Chair	2 weeks
5. AFMA Manager to investigate FIS and industry data collection and availability and whether the problem in data collection is going to be rectified and ensure there is quality control on entering the data collection. Provide a report on the outcomes at the GABRAG 2 – December 2012 meeting.	AFMA Manager	December 2012
6. Neil Klaer to report back on Tom Kompas probability values in final report for MEY project.	Neil Klaer	December 2012
7. AFMA Manager to forward on bycatch data and observer report from the observer coverage on the GABTF Danish Seine vessel.	AFMA Manager	December 2012
8. AFMA Manager to forward on information from Kevin Rowling in regards to gonad ranking in various stages.	AFMA Manager	December 2012
9. Neil Klaer to provide fishery effort breakdown in the GAB by fishery/operations/year.	Neil Klaer	December 2012
10. AFMA Manager to provide summary on the Quota	AFMA Manager	December



Action Item	Action Person	Timeframe
administration policy.		2012
11. AFMA Manager to draft GABTF Bycatch and Discarding Workplan 2012 – 14.	AFMA Manager	December 2012
12. AFMA Manager to investigate whether the TSSCs feedback to AFMA on the Upper Slope Dogfish Management Strategy is only available to AFMA or is it available to a broader audience such as the RAG.	AFMA Manager	December 2012
13. Neil Klaer to re do the Deepwater Flathead stock assessment with the new data.	Neil Klaer	December 2012
14. Ian Knuckey to organise for Matt Koopman to extract the industry length data from Excel spreadsheets and into a database with quality checks that Neil Klaer can utilise.	Ian Knuckey	November 2012
15. Chair to write to SESSF that GABRAG has identified a problem with the FIS and industry data availability which needs to be addressed as a matter of urgency.	Chair	December 2012
16. AFMA Manager to ensure that data is collected between January and June.	AFMA Manager	Out of Session
17. AFMA Manager to investigate why the otoliths in the observer report dated 16 July 2012 sent to GABMAC stating 375 otoliths were collected for Deepwater Flathead weren't forwarded on to the ageing facility in Queenscliff in a timely manner.	AFMA Manager	December 2012
18. Ian Knuckey to forward on otolith data from ageing services to Neil Klaer by the 14 November.	Ian Knuckey	November 2012
19. Chair to gather more information from Cathy Dichmont on the cost/risk/catch project analysis.	Chair	December 2012
20. Jeff Moore to provide a draft agenda for the research meeting in December.	Jeff Moore	3 weeks
21. Jeff Moore to write a letter to a facilitator asking if they would like to Chair the workshop in December.	Jeff Moore	2 weeks
22. AFMA Manager to provide a draft of the GABTF harvest strategy policy and decision rules section to be included in the SESSF HSP.	AFMA Manager	December 2012
23. Ian Knuckey to write to FRDC on behalf of the RAG for more information on the seismic survey project.	Ian Knuckey	Out of Session
24. Jeff Moore to follow up directly with BP regarding the sound logger information that the company had previously agreed to provide.	Jeff Moore	Out of Session

