



Australian Government
Australian Fisheries Management Authority



Tropical Tuna Management Advisory Committee (TTMAC)

**DRAFT MINUTES
TTMAC 12
12 MAY 2015
SYDNEY AIRPORT**



**TWELTH MEETING OF THE TROPICAL TUNA MANAGEMENT ADVISORY
COMMITTEE (TTMAC)**

**12 MAY 2015
SYDNEY AIRPORT**

Agenda Item 1: Preliminaries/matters arising

1.1: Welcome and apologies

1. The TTMAC Chair, Ms Catherine Barnett, opened the meeting at 10.00am and welcomed members, invited participants and observers to the 12th meeting of TTMAC.

Apologies

2. Apologies were received from; Mr Gary Heilmann, industry member, the research member Dr Cathy Dichmont and the State Government invited participant, Dr Veronica Silberschneider.

3. Participants at TTMAC 12 were:

Chair

Ms Catherine Barnett

Members

Mr Trent Timmiss (AFMA)
Mr Terry Romaro OAM (industry)
Mr Paul Williams (industry)
Mr Joe Basile (industry)
Mr Peter Trott (environment/conservation)
Mr Bill Edwards (recreational/charter fishing)

Invited Participants

Mr Cathal Farrell (industry)
Mr Angelo Maiorana (industry)
Mr Grahame Williams OAM (recreational/charter fishing)
Mr Brian Jeffriess AO (industry)

Executive Officer

Ms Sarah Kirkcaldie

Observers

Mr Steve Auld (AFMA)
Mr Phil Bolton (NSW Fisheries)
Mr Jim Uttley Moore (Industry)

1.2: Adoption of agenda

4. The agenda was adopted by TTMAC (Attachment A).



1.3: Pecuniary interest declarations

5. The Chair stated that as outlined in the *Fisheries Administrations Act 1991* and Fisheries Management Paper No. 1, all members of TTMAC must declare any pecuniary interest in the Fishery at the commencement of the meeting (Table 1) and also at the commencement of each agenda item. The Committee noted that if a member discloses an interest in an item, the member must absent themselves from the meeting before the item is considered. The MAC must make a decision as to whether the member can participate in the discussion and in the making of a recommendation, or remain absent from the meeting for the item.

6. TTMAC noted the requirement to declare an interest at the beginning of each agenda item. It was agreed that members would declare interests at the beginning of each main agenda item, that is, at the beginning of discussion on agenda items numbered 1 through 5.

Table 1: TTMAC members/invited participants' declarations of interest

Member	Declared interests
Catherine Barnett	Member Fisheries Council of SA and CEO Food SA. No pecuniary interest in tropical tuna fisheries.
Trent Timmiss	Employee of AFMA, no pecuniary interest in tropical tuna fisheries.
Terry Romaro OAM	Director of a company that owns ETBF boat SFR's, minor line SFR's, ETBF longline SFR's, WTBF boat SFR's, WTBF longline SFR's, Coral Sea Trawl permit, Western Skipjack purse seine permit, SPF purse seine, mid-water trawl SFR's, and SPF quota SFR's. Shareholder of a company that owns shares in a proposal to fish with foreign long liners in the WTBF. Member of SPFRAG and invited participant of SBTMAC.
Paul Williams	Director of a company that holds an ETBF boat SFR and ETBF longline SFR's, minor line SFR's and a Commonwealth fish receiver permit. Member of TTRAG.
Angelo Maiorana	No pecuniary interest in tropical tuna fisheries.
Joe Basile	Manager of two longline vessels in the ETBF and holder of boat and quota SFRs.
Peter Trott	Employee of the World Wildlife Fund (WWF), no pecuniary interest in tropical tuna fisheries.
Bill Edwards	Retired charter boat operator, member of Moreton Bay Game Fishing Club, member of Broadwater Tower

	Body Corporate Committee and retired pharmacist.
Sarah Kirkcaldie	Employee of AFMA, no pecuniary interest in Tropical Tuna fisheries.
Invited participant	Declared interests
Steve Auld	Employee of AFMA, no pecuniary interest in the tropical tuna fisheries.
Cathal Farrell	Manager of fish receiving business and holder of an ETBF boat SFR. Director of fishing company that holds boat and quota SFRs.
Grahame Williams OAM	Immediate Past President of the Game Fishing Association of Australia, no pecuniary interest in tropical tuna fisheries.

1.4: Acceptance of minutes from TTMAC 11

7. TTMAC adopted the minutes as a true and accurate account of the discussions from TTMAC 11.

1.5: Status of actions arising from TTMAC 11

8. The AFMA member outlined progress on the 3 action items identified at TTMAC 11 (Table 2).

Table 2: Status of actions arising since TTMAC 11

#	ISSUE	ACTION REQUIRED	RESPONSIBILITY	STATUS
1	Conversion factors in the ETBF.	Complete report on conversion factors in the ETBF and provide the report to TTRAG for consideration.	AFMA	TTMAC agreed to remove this item from the actions arising. Members noted that it was resolved at the last TTRAG meeting.

#	ISSUE	ACTION REQUIRED	RESPONSIBILITY	STATUS
2	Review of NSW baitfishing arrangements.	Inform ETBF fishers of NSW review of baitfishing arrangements	AFMA	Ongoing. Members noted that the draft paper on the review has been through the relevant advisory committees in NSW fisheries and should be distributed for comment to ETBF operators soon. TTMAC noted that the recreational sector supported the proposed amendments (Action arising 1).
3	Multi-year TACCs	Examine implications of setting TACCs over a longer time-frame.	AFMA	TTMAC noted that TTRAG support multi-year TACCs. AFMA agreed to prepare a paper for the next TTRAG meeting on introducing 3 year TACCs and distribute to TTMAC for comment. Members noted that the AFMA Commission agreed to 3 year TACCs in the WTBF but recognised that Striped Marlin may cause issues and impact on the Harvest Strategy.

1.6: Correspondence/intersessional work arising between TTMAC 11 and TTMAC 12

TTMAC noted that the following issues were addressed out-of-session since the previous meeting in October 2014:

- a) An email dated 23 October 2014 from Stephanie Johnson providing a letter from Senator the Hon. Richard Colbeck informing stakeholders that there will be a public consultation process in early 2015 regarding the development of a revised harvest strategy policy, bycatch policy and overarching fisheries policy;
- b) An email dated 28 October 2014 from Sarah Kirkcaldie circulating the TTMAC 11 Chair's summary;
- c) An email dated 16 December 2014 from Stephanie Johnson providing a letter regarding the collection of information on quota pricing;
- d) An email dated 22 December 2014 from Stephanie Johnson circulating the draft TTMAC 11 minutes for comment;
- e) An email from Stephanie Johnson dated 30 January 2015 distributing an email from Dr Tim Emery (IMAS) requesting the opportunity to give a presentation on a fishing industry economic research survey. Dr Emery will be attending TTMAC 12 to give his presentation;

- f) An email dated 19 January 2015 from Stephanie Johnson providing a letter regarding the ETBF TACC determinations for the 2015/16 fishing season;
- g) An email dated 16 February 2015 from Stephanie Johnson seeking comments on the out of session e-monitoring paper and Directions for ETBF and WTBF;
- h) An email dated 18 February 2015 from Mandy Goodspeed calling for new members of NORMAC, SouthMAC and TTMAC;
- i) 26 March 2015, an out-of-session TTMAC teleconference was held to discuss the ETBF and WTBF e-monitoring Directions;
- j) An email dated 27 March 2015 from Stephanie Johnson seeking comments on the proposed regulator performance framework;
- k) An email dated 13 April 2015 from Steve Auld seeking comments on the draft minutes of the TTMAC teleconference held on 26 March 2015;
- l) An email dated 14 April 2015 from Sarah Kirkcaldie providing a letter from Dr James Findlay regarding the draft 2015/16 budget; and
- m) An email dated 29 April 2015 from Sarah Kirkcaldie seeking comments on a revised Fisheries Management paper No. 1.

Agenda Item 2: Background Information/Discussion Items

No conflicts of interest were declared under this agenda item. TTMAC noted that no recommendations were being made and that members/observers were just providing information reports.

2.1: AFMA Management report on the ETBF and WTBF fisheries

9. The AFMA member informed TTMAC that membership on the current MAC expires on 30 June 2015 and that AFMA is currently running a process to appoint new members. Members noted that the Chair, Catherine Barnett, had been re-appointed and that she would be on the panel with the Executive Manager of Fisheries, AFMA, as well as an external stakeholder to appoint the new MAC. It is expected that the panel will meet in the first week in June and applicants would be informed shortly after if they are successful or not.

10. TTMAC noted that AFMA had recently received an application to deem eight freezer longliners to fish in the WTBF. Mr Romaro noted that the boats would be introduced in a staggered approach with initially 3 boats fishing off Cocos and Christmas islands and the North-West Cape. The company is aiming for the vessels to then fish for SBT around Tasmania later in the season. It is anticipated that the boats will start fishing in October 2015 targeting Bigeye Tuna and Yellowfin Tuna and will be fitted with e-monitoring. Mr Romaro highlighted that the company had never been involved in illegal fishing and will need to show that they are committed to employing Australians for the vessels to be deemed Australian. If the fishing is successful it is anticipated that the vessels would eventually be re-flagged Australian. Mr Romaro noted that the deeming of the vessels would be publicly available and agreed that the environment member could inform colleagues about the vessel.

11. The AFMA member informed TTMAC that there is currently no effort in the Skipjack Fishery, although a company had expressed an interest in having a 60m purse seiner fish under an Australian flag later this year. Members noted that 100% observer coverage would

be required if fishing north of 20°S and that costs associated with the observer would be cost recovered from the operator. Members noted that Australia has a 30,000 tonnes limit with a 6,000 tonnes trigger to review management arrangements. Members asked if the vessel could tranship at sea and were informed that this is prohibited under WCPFC rules but operators can tranship in Port. AFMA agreed to circulate information about the operation when it became available (**Action arising 2**).

12. The AFMA member informed TTMAC that on 29 April 2015, an industry meeting was successfully held to discuss current issues in the Fishery including e-monitoring. It has been suggested that two industry meetings are held each year (April and October/November) with all of industry invited to attend.

13. Members noted that an Eastern Tuna and Billfish Fishery operator was seeking the Marine Stewardship Council blue tick of sustainability for Mahi Mahi, Yellowfin Tuna, Albacore Tuna and Swordfish. Members noted that the process was nearly completed with an announcement expected at the end of this month. If certified the operator will need to meet a number of conditions/recommendations to remain certified.

2.2: WCPFC Commission update

14. AFMA provided an update to TTMAC on the outcomes from the Western and Central Pacific Fisheries Commission (WCPFC) Commission meeting held in Samoa in December 2014. TTMAC noted that a new Chair has been elected from the Federated States of Micronesia.

15. TTMAC noted that Australia had drafted a conservation and management measure to go to WCPFC that sets out a process to implement harvest strategies for the key fish stocks. The measure was scaled back, but a four year workplan to develop the harvest strategies was agreed.

16. Mr Ian Cartwright and the Department of Agriculture will be working together to convene a two day workshop to progress harvest strategies immediately before the WCPFC meeting in Bali to be held in December 2015.

17. Members noted that purse seine effort is increasing in equatorial waters and it is also expected that in 2015 there will be a record number of longline days/effort in the Western and Central Pacific.

18. In response to a question, the AFMA member noted that a number of e-monitoring trials were underway in the Pacific and he expected that in 5 years the majority of longliners will have e-monitoring.

19. The AFMA member also noted that catch limits for key species currently apply to WCPFC members, but that these combined limits are greater than the fishery can handle.

20. The AFMA member noted that the Department of Agriculture holds a stakeholder forum in November every year before WCPFC and urged industry to attend the workshop. AFMA also encouraged industry to attend the Commission meeting noting that industry from other nations attend. It was highlighted that Industry members could benefit from attending and forming links with industry from other countries with similar interests.

2.3: IOTC annual meeting update

21. The Tropical Tuna Manager provided an update to TTMAC on the outcomes from the Indian Ocean Tuna Commission (IOTC) meeting held in Korea, in April 2015.

22. TTMAC noted that IOTC agreed to target limit reference points which are equivalent to B₄₀ target and B₂₀ limit reference points. Australia submitted a proposal (along with the European Union (EU)) to ban shark finning. Members noted that the Asian nations would not agree to banning shark finning.

23. TTMAC congratulated Mr Steve Auld on being elected Chair of the Indian Ocean Coastal States and noted that the next IOTC meeting will be held in La Reunion in 2016. TTMAC noted that a number of industry representatives are now attending IOTC including industry from EU, Japan, Spain, Korea and China.

Agenda Item 3: Consideration/Decision Items

The following members declared their interest under Consideration/Decision items:

Mr Paul Williams: agenda items 3.1, 3.2, 3.3

Mr Terry Romaro OAM: agenda item 3.1, 3.2, 3.3

Mr Joe Basile: agenda items 3.1, 3.2, 3.3

Mr Cathal Farrell: agenda items 3.1, 3.2, 3.3

In line with the requirements as a MAC industry member who has declared interests under an agenda item, Mr Williams left the room. The remaining members of TTMAC agreed that Mr Williams should be allowed to return for all discussions and recommendations made under Agenda item 3.

In line with the requirements as a MAC industry member who has declared interests under an agenda item, Mr Romaro left the room. The remaining members of TTMAC agreed that Mr Romaro should be allowed to return for all discussions and recommendations made under Agenda item 3.

In line with the requirements as the MAC industry member who has declared an interest under an agenda item, Mr Basile left the room. The remaining members of TTMAC agreed that Mr Basile should be allowed to return for all discussions and recommendations made under Agenda item 3.

In line with the requirements as a MAC invited participant who has declared interests under an agenda item, Mr Farrell left the room. The remaining members of TTMAC agreed that Mr Farrell should be allowed to return for all discussions and recommendations made under Agenda item 3.

3.1: 2015-16 Budget

24. Members noted that AFMA has drafted the 2015/16 cost recovered budget based on the 2010 cost recovery implementation statement (CRIS) arrangements but has decided to not distribute the draft budget until after the government's budget is released on the evening of 12 May 2015. The government has signaled the next budget will be tight and AFMA is unaware at this stage of any additional measures or proposals by the government that may influence delivery of AFMA's services.

25. TTMAC agreed to form a TTMAC budget sub-committee and recommended that Mr Terry Romaro, Mr Cathal Farrell, Mr Gary Heilmann, Mr Brian Jeffriess and Mr Steve Auld be appointed as members. Members noted that the draft budget would be distributed to industry in the next 2 weeks and that TTMAC through the budget sub-committee would be given about 4 weeks to respond.

26. TTMAC noted that the current 2015-16 draft cost recovered budget currently includes:

- the same FTEs as the 2014/15 budget (ETBF 1.56, WTBF 0.76, STF 0.23);
- two port visits for two AFMA officers to Mooloolaba, Coffs Harbour and Ulladulla;
- other expenses such as printing management arrangement booklets and legal requirements;
- two industry meetings per year in a similar format to the recent electronic monitoring meeting at the Sydney airport;
- AFMA have not budgeted for observers in the draft budget noting that a fully-functioning e-monitoring system is required on-board a boat before human observers are not needed (anticipated savings in 2015/16 of \$312,313 in the ETBF and WTBF with the implementation of e-monitoring).

27. Industry members raised a concern regarding the impact of the review of the CRIS as well as AFMA introducing standard practices across all fisheries. It was agreed that these issues would be discussed by the budget sub-committee. TTMAC agreed that the next TTMAC agenda would include outcomes from budget sub-committee and the industry meeting (**Action arising 3**).

3.2 E-monitoring in the ETBF and WTBF

28. TTMAC noted that the AFMA Commission at its meeting on 10 December 2010, agreed that e-monitoring would be implemented in the ETBF, WTBF, shark gillnet and auto longline fisheries. AFMA tested the market for these services through a Request for Proposal process and Archipelago Marine Research (AMR) was selected as the preferred provider.

29. Members noted that AFMA introduced electronic monitoring (e-monitoring) into the ETBF and the WTBF through the *E-MONITORING (EASTERN TUNA AND BILLFISH FISHERY) DIRECTION 2015* and the *E-MONITORING (WESTERN TUNA AND BILLFISH FISHERY) DIRECTION 2015*. The MAC considered the Directions out-of-session and AFMA had incorporated all of the changes suggested by the MAC.

30. Members noted AMR are in the process of installing e-monitoring systems in the ETBF and the WTBF. It is expected that 18 boats in the ETBF will be installed with e-monitoring by the 15 May 2015 with the remaining 18 boats requiring to be installed by 1 July 2015. The AFMA member noted that if an operator wanted to go fishing without e-monitoring but with 100% observers coverage (at \$1500/day) AFMA would consider the request. Members noted that operators would need to pay for the installation after 30 June 2015.

31. Members noted that AFMA had a contingency plan if AMR were to no longer exist and that the Australian government is the custodian of the data and treat it as commercially

sensitive data and were yet to release any video footage through freedom of information requests. The AFMA member explained that the video footage will only be retained for six months unless it was flagged for follow up. The hard drives are sent to AFMA and then a forensic copy is made before they are sent to AMR. AMR randomly select 10% to observe then they are wiped forensically and sent back out to be re-used. AFMA's systems automatically delete the copy after 6 months. It was agreed that AFMA would provide written confirmation that the back-up is deleted after 6 months (**Action arising 4**).

32. TTMAC noted that the e-monitoring system replaces 90% of vessel monitoring system (VMS) functions. Industry members asked if they could go fishing if their VMS wasn't working but they had cameras installed. AFMA agreed to discuss this with Compliance and inform Industry (**Action arising 5**).

33. The AFMA member clarified that the document Australian Fisheries Management Authority Electronic Monitoring Program (program overview) applies to all fisheries not just ETBF and WTBF.

3.3: SBT zones

34. TTMAC noted that the introduction of e-monitoring in the ETBF will change how SBT zones are managed. AFMA has agreed that there will be no additional charges for fishing in the SBT zones if e-monitoring is installed and operators will only require uncaught SBT quota to enter the zones. All landed SBT will continue to be required to be tagged before unloading and all vessels landing SBT will still require SBT Catch Monitoring forms (CMAU02B) and Catch Tagging forms (CTAU02A). The release of SBT that are alive and vigorous is allowed. The release of these fish and any cut-offs must be performed at the tuna door in full view of an e-monitoring camera.

35. Members noted that discards of dead Yellowfin Tuna, Bigeye Tuna and Albacore Tuna are allowed, but they must be brought on deck in full view of an e-monitoring camera so that they can be identified before they can be discarded. Also sharks or large marine mammals, such as whales, can be cut off the line before they reach the boat for safety reasons. If they are hauled up to the swivel, they will still be captured by e-monitoring cameras, however, large animals cut off at the clip may not be seen by camera's. Members noted that these catches must be recorded in logbooks.

36. Members noted that if operators are found to not comply with the above requirements for fishing in the SBT zones, they will be required to carry an AFMA observer, charged at the full cost-recovered rate of \$1500 per day.

37. TTMAC noted that all operator are required to have e-monitoring systems installed by 1 July 2015.

3.4: Offal discharge during hauling

38. Members noted that Regulation 76(2) of the *Fisheries Management Regulations 1991* prohibits the discharge of offal while hauling for pelagic longline, demersal longline, trotline and dropline fishing gear. The intention of the Regulation is to mitigate against seabird interactions while the vessel is hauling its gear. Industry has indicated that the Regulation is difficult to comply with as the deck space and setup of the processing areas on most vessels in the ETBF and WTBF has not allowed for the retention of all offal. Industry raised concerns that they may not be currently complying with the Regulation if cleaning fish whilst hauling and that they do not have the capacity to store offal on an eight hour haul. The AFMA observer noted that there is no evidence that exists to suggest that offal discharge on hauling longline increases seabird mortality.

39. TTMAC agreed that AFMA should amend the *Fisheries Management Regulations 1991* to remove pelagic longline gear from regulation 76(2) to allow for offal discharge during hauling. However, as changing regulations takes significant time AFMA has suggested amending the ETBF Statutory Fishing Rights conditions to provide an exemption to Regulation 76(2). Members noted that Regulation 76(1) which prohibits discharge of offal while setting gear will still remain in force. Members agreed that the SFR conditions should be amended as soon as possible.

40. The Environment member requested that in future when a significant change of conditions is suggested that AFMA include a risk and impact analysis in the paper to ensure due consideration. AFMA agreed to provide additional information on the analysis of bird interactions on hauling to the Environment member and that in future TTMAC papers recommending changes to conditions would include a risk analysis (**Action arising 6**).

Agenda Item 4: Other Information/Discussion Items

No interest were declared under agenda item 4.

4.1: E-business update

41. TTMAC noted the update on the availability of a range of electronic services including online licensing services, electronic logbooks (e-logs) and electronic catch disposal records (CDRs).

42. Members noted that there are currently some issues with electronic logbooks from the providers as well as AFMA. Once the issues are sorted out the AFMA member noted that there would be around \$40,000 cost saving for the industry if everyone uses e-logs.

43. Members noted that AFMA was committed to introducing electronic catch disposal records. Members noted that the Lakes Entrance Co-op currently use electronic CDRs.

44. Industry members asked whether boat Statutory Fishing Rights (SFRs) were still required given operators had quota SFRs. The AFMA member agreed to circulate a paper he had written about simplifying AFMA's licensing system based on the system currently in place in New Zealand (**Action arising 7**).

4.2: Environment update

45. TTMAC noted the environment update provided by AFMA.

46. Members noted that in the ETBF the majority of interactions in the last half of 2014 have been with Shortfin Mako Sharks. There have been six interactions with turtles, five were released alive and one was of unknown status. Members further noted that there has been two interactions with albatrosses, both the Black Browed Albatross and Shy Albatross had a dead status.

47. In the WTBF, interactions were reported with Shortfin Mako and Porbeagles sharks. There were two interactions with Leatherback Turtles with both released alive.

48. The recreational invited participant questioned why the life status of a number of protected species interactions was listed as 'unknown'. The AFMA member explained that the logbook only enables the interaction to be listed as 'dead' therefore, if there was an interaction and the animal is not dead it is reported as 'unknown'. Members noted that the

number of reported interactions is expected to increase with the introduction of electronic monitoring given all current reported interactions are on vessels carrying observers.

4.3: Fishery Catch Data – 2014 Season

49. TTMAC noted the ETBF and WTBF catch data information for 2014. Members noted that 27% of Albacore, 44% of Bigeye, 76% of Broadbill, 76% of Striped Marlin and 73% of Yellowfin were caught in the 2014/15 season. An industry member expressed concern about the amount of undercatch in the fishery each season. AFMA agreed to distribute the current fishing season (2015/16) data (**Action arising 8**).

4.4: Fishing industry economic research survey presentation

50. TTMAC noted the fishing industry economic research survey presentation given by Dr Tim Emery from the Institute for Marine and Antarctic Studies (IMAS). Dr Emery is contributing to a project that aims to examine the existence and effectiveness of fishing cooperative or industry associations, the perceived security of a fisher's individual transferable quota rights and the role of government and industry in attaining legislated economic objectives.

51. Six industry members and invited participants voluntarily agreed to complete a survey for Dr Emery during the MAC meeting.

Agenda Item 5: Other business

5.1 Proposed external access by MAC and RAG members to AFMA's Sharepoint – Committee Management System

52. TTMAC noted that AFMA is currently developing a Committee Management System for use by MAC and RAG members which will allow members external access to specific MAC and RAG information. AFMA will allow members to log on and access and provide comment on proposed meeting dates, agendas, meeting papers, sitting fees and travel claim forms and review correspondence. Members noted that this would hopefully reduce the need for printing of meeting papers and allow members to share information on line. It is expected that access to this system will be available after 1 July 2015.

5.2 Other Business

53. Mr Bill Edwards announced that this would be his last TTMAC meeting as he is retiring. Mr Edwards noted that he had been on the MAC for 19 years and had seen many issues over the years. Mr Edwards noted that he now thinks everyone involved in the fisheries is working well together. TTMAC thanked Mr Bill Edwards for his participation on TTMAC and for his dedication and hard work over many years.

Agenda Item 6: Date and venue for next meeting

54. TTMAC agreed that the next meeting should be held in October or November 2015 subject to the appointment and availability of the new MAC members.

Catherine Barnett

TTMAC Chair, June 2015



Australian Government

Australian Fisheries Management Authority

ATTACHMENT A

Tropical Tuna Fisheries Management Advisory Committee (TTMAC) 12

QANTAS meeting rooms

Sydney Airport

12 May 2015 (commencing at 10:00am)

FINAL AGENDA

- 1. Preliminaries/Matters Arising**
 - 1.1. Welcome and apologies
 - 1.2. Adoption of agenda
 - 1.3. Declaration of interest
 - 1.4. Acceptance of Minutes from TTMAC 11
 - 1.5. Actions Arising from TTMAC 11
 - 1.6. Intersessional correspondence between TTMAC 11 and TTMAC 12
- 2. Background Information/Discussion Items**
 - 2.1. AFMA Management report on the ETBF and WTBF fisheries
 - 2.2. WCPFC annual meeting update
 - 2.3. IOTC annual meeting update
- 3. Consideration/Decision Items**
 - 3.1 ETBF and WTBF budget
 - 3.2 E-monitoring in the ETBF and WTBF
 - 3.3 SBT Zones
 - 3.4 Offal discharge during hauling
- 4. Other Information/Discussion Items**
 - 4.1. E-Business Update
 - 4.2. Environment update
 - 4.3. Fishery Catch Data – 2015/16 Season to date
 - 4.4. Fishing industry economic research survey presentation (Dr Tim Emery)
- 5. Other Business**
 - 5.1 Sharepoint access for MAC & RAG members
- 6. Date and venue for next meeting**