

Crustacean Fisheries Advisory Committee (CFAC)

1 November 2022

Lands Building, 134 Macquarie Street, Hobart (and via Microsoft Teams)

CFAC 90 Minutes.

Members present:

Ian Cartwright	Chair
Rene Hidding	CEO TRLFA
Karl Krause	TRLFA representative
Troy Rainbird	TRLFA representative (online)
Dawn Jordan	Rock Lobster industry representative
Brian Adkins	Rock Lobster industry representative
Dave Ponsford	Giant crab industry representative
Ian Heathorn	Processor representative
Craig Crawford	Marine Police representative
Klaas Hartman	IMAS Scientific Representative
Julian Harrington	TSIC representative
Jonathan Hammond	TRLFA representative

NRE Advisers:

Sonja Hempel	NRE Tas Fishery Manager
James Parkinson	CFAC Executive Officer
Malcolm Budd	NRE Tas Compliance & Licensing

Apologies:

Rachel McKay	Marine Police representative
Michael Blake	Processor representative
Clive Perryman	Rock lobster industry representative

Observers

Mark Hursey

Item	Title	Discussion Points	Action	Who	Timing
1 A	Welcome	The Chair welcomed members to the meeting	-	-	-
B	Apologies	Clive Perryman, Michael Blake, Rachel McKay.	-	-	-
C	Declaration of pecuniary interests	Register of interests was reviewed, with no changes made.	-	-	-
D	Adoption of agenda	The agenda was amended with minor changes to the order of business and agreed.	-	-	-
E	Minutes of the previous meeting 89	The FAC was reminded that the minutes for meeting 89 were distributed to members post meeting, with comments and edits accepted. The FAC accepted the minutes (with minor changes made) as a true and accurate record.	-	-	-
F	Actions arising				
	Meeting 88 Item 1:	<p><i>Permanent transfer of caught units. Presently not allowed within the rules. Suggested to determine need to investigate if there is a need to allow.</i></p> <ul style="list-style-type: none"> • Transfer of fully caught units – NRE Tas Compliance and Licensing has looked at FILMs and has no issues with transferring to fully caught units. This is not outlined in the rules. Industry will need to satisfy NRE Tas that there are benefits to justify the costs of the change to architecture of FILMS. • An industry representative raised that current model means people aren't getting money due to it sitting in trust. • Transferring partially caught units – NRE Tas Compliance and Licensing outlined this is not feasible as the change would require as significant change to the architecture of FILMS is an expensive and long process and would essentially represent sub-dividing units. As soon as package is sold with partially caught unit it breaks up the unit. 	Provide justification of benefits of enabling the transfer of fully caught units to NRE Tas Compliance & Licensing	TRLFA	ASAP

		An industry representative noted that quota units should be transferable whether they are caught or not.			
	Meeting 89 Item 1:	<i>Chair to write to the Harts expressing sorrow for their loss noting the great contribution Louise made.</i> The FAC was informed this action item has been completed			
	Meeting 89 Item 2:	<i>Chair to write to Hilary Revill thanking her for her service on the FAC.</i> The FAC was informed this action item has been completed			
	Meeting 89 Item 3:	<i>NRE Tas to cross reference catch and effort with research pot data.</i> Completed by NRE Tas, the data are now with IMAS for cross-referencing.		-	-

Item	Title	Discussion Points
2.	Brief updates – IMAS	<p>The IMAS member provided the FAC with a research update, points raised included:</p> <ul style="list-style-type: none"> • Work is continuing on developing a new rock lobster stock assessment model. The new model will have the ability to assess defined areas of the fishery other than the current assessment areas. This is expected to assist the development of the Rock Lobster Harvest Strategy • Research pot data update – the data is being entered and the program will be reviewed to determine if it is meeting its objectives. • Katie Cresswell from IMAS is doing a larval dispersal model for southern rock lobster and <i>Centrostephanus</i> urchin to provide information on connectivity and movement of larvae • Rafael Leon from IMAS is developing a large-scale rock lobster tagging proposal to improve understanding of spatial and temporal changes in lobster growth and to better understand drivers of rock lobster productivity <p>An Industry member raised difficulty with using research pots on King Island, with concerns that they are not catching well and may be being incorrectly used for other purposes. TRLFA also noted the issues with non-compliance with research pot conditions. IMAS will be reviewing the research pot data to see if this is borne out in the data. The industry member noted that there is an opportunity to send observers to verify the efficacy of research pots, and queried whether</p>

Item	Title	Discussion Points
		<p>research permits could be altered in future to allow the use of alternative pots for research. NRE Tas noted that permit provisions are being worked on with compliance to better define the conditions covering the use of research pots. At present, only unaltered pots issued by IMAS can be used as research pots.</p>
	<p>Brief updates – TRLFA</p>	<p>The TRLFA CEO provided an update on:</p> <ul style="list-style-type: none"> • The TRLFA Draft Plan to rebuild the East Coast rock lobster fishery: <ul style="list-style-type: none"> ○ TRLFA members have agreed to submit the Draft Plan to government, which includes solutions for resource sharing with the recreational sector and the rebuild of the East Coast fishery. ○ There has been positive engagement with other sector representatives in the development of the Draft Plan, including in principle agreement by the recreational sector to the proposed resource sharing arrangements. ○ TRLFA intends to provide the Draft Plan to NRE Tas in November and the CFAC in due course. ○ The Draft Plan includes targeted translocations to the East Coast. To fund this translocation program, the TRLFA needs to commit to raise levy in March 2023 when renewals go out, for the program which is planned to start later in 2023/24. • The 2022/23 translocation program: <ul style="list-style-type: none"> ○ The TRLFA is using remanent funds for translocation to zones 2 & 3 to assist the rebuild of the East Coast stock. <p>NRE Tas noted that the TRFLA’s Draft Plan will be considered by government and the CFAC. The outcomes of these considerations and any decisions taken by the Minister will be considered when developing the Rock Lobster Harvest Strategy.</p>
	<p>Brief updates – Processors</p>	<p>The seafood processor representative gave a brief update on the market:</p> <ul style="list-style-type: none"> • The live market into China is likely to continue to be disrupted in the medium to long term. • Live lobsters are still getting into China, but this access to market cannot be relied upon. • Continued lockdowns in China and cautious behavior in Australia after lockdowns were lifted are reducing demand for product.
	<p>Brief updates – Compliance</p>	<p>Tasmanian Police update:</p>

Item	Title	Discussion Points
		<ul style="list-style-type: none"> • Announcement that Craig Crawford is retiring in February and this will be his last CFAC meeting. The FAC acknowledged and thanked Craig for his many years of excellent service and contributions to marine policing and the CFAC. • TasPol reported 141 marine offenders. • Minimal police numbers mean marine officers are needed to help other areas and will result in a reduction in inspections. • Preparing for recreational opening by increased surveillance due to the expected significant increase in offenders. <p>A TRLFA representative discussed the requirement for mandatory recreational catch reporting, which NRE Tas intends to implement for November 2023, and noted the TRLFA’s intention to write to the police commissioner and request additional police resources to support compliance and enforcement. Marine Police and NRE Tas Compliance and Licensing outlined the current funding arrangements, noting that an increase in funding would likely be difficult to achieve.</p> <p>NRE Tas Compliance and Licensing update:</p> <ul style="list-style-type: none"> • Numbers of licenses: <ul style="list-style-type: none"> ○ Increasing numbers of licences are moving out of the state and the rules do not reference overseas ownership of licences. This has been scheduled for consideration when the Fisheries Rules are reviewed in future. The TRLFA CEO noted there is a need for policy to clarify the level of Tasmanian ownership required to ensure Tasmanians can benefit from the resource. The CFAC supported this. • VMS rollout update: <ul style="list-style-type: none"> ○ The rollout is progressing well, with 105 vessels currently fitted with units, and excellent levels of willingness and collaboration from industry. ○ It is expected that about 20-30 vessels may not be fitted in time for the start of the season – provided these license holders comply with the direction to fit, NRE Tas intends to endorse their licence to allow them to continue to fish. ○ CSIRO have developed software to analyse vessel movements and fishing behaviours (stage 1 has been trialed, and funding is being sought for phase 2, which could compare licence data with fishing area). • Substitute licence holders:

Item	Title	Discussion Points
		<ul style="list-style-type: none"> ○ The Department is dealing with deceased estates more commonly, which is consuming considerable time for Licencing. Industry should encourage fishers to approach the Department to nominate substitute licence holders in the case of serious injury or death, and be clear about what they would like to happen with their licence and fishing assets
	Brief updates – NRE Tas	<p>NRE Tas Fishery Manager provided an update on:</p> <ul style="list-style-type: none"> ● New Rock Lobster Fisheries Management Plan (Rock Lobster Rules): <ul style="list-style-type: none"> ○ The CFAC’S recommendations from CFAC 89 were put to the Minister in NRE Tas’ report. ○ Overall, the new Rules have landed in a good place – acknowledging certain decisions may be disappointing for some. ○ Asked CFAC members to give the new Rules some time (e.g., 12 months) to bed in before proposing changes/future reviews. NRE Tas intends to circulate an operational guide for the new Rules before the commercial season opens on 15 November. ● <i>Centrostephanus</i>: <ul style="list-style-type: none"> ○ AIRF funding runs out this year. Meetings are being held with NRE Tas and the Abalone and commercial dive industries to determine the way forward. ○ The Climate-Related Marine Invasive Species Senate Inquiry is ongoing, with submissions now published on the Australian Parliament website (click here). There will be a workshop in Launceston on 1 & 2 February 2023, and the CFAC is encouraged to attend and circulate amongst its networks. ○ The FAC expressed concern that the <i>Centrostephanus</i> strategy report from CSIRO, commissioned almost three years ago, is yet to be finalised and distributed. ● Fisheries Digital Transition Plan update: <ul style="list-style-type: none"> ○ Looking for rock lobster fishers to trial the beta version of the FishReport app from November. ○ The intention is to trial catch reporting for the abalone fishery next year due to it being a simpler fishery. This will allow the process to be well refined before moving over to rock lobster.

Item	Title	Discussion Points
3 a	Rock Lobster Stock Assessment	<p>The IMAS scientific research representative provided an update on the rock lobster stock assessment, key points raised included:</p> <p>Current fishing year update:</p> <ul style="list-style-type: none"> • CPUE increased substantially State-wide, above 1.5 kg per pot lift, at a 30-year high • Eastern CPUE has increased in all areas in 2021/22, with preliminary data suggesting catch rates for areas 2 and 3 are continuing to increase for 2022/23 • Western CPUE has increased in all areas in 2021/22 This increase appears to be partly due to a spike in recruitment • State-wide limit and target reference points are now being met with high (97-100%) certainty. <p>Regional reference points:</p> <ul style="list-style-type: none"> • Areas 2 and 3 continue to be of management concern (Area 2: 14.5% biomass and 25% egg production; Area 3: 19.5% biomass and 29% egg production). • Area 5 is also of potential concern with 16% biomass and 21% egg production. However, Area 5 is not currently as high a concern as the East Coast because: <ul style="list-style-type: none"> ○ Pre-European fishing, biomass is thought to have been extremely high (so 16% still means a reasonable level of biomass in the water), ○ Growth rates and stock productivity are high, ○ The stock's length frequency data show an increase in larger animals in 2020 compared to very low numbers in the 2010s – the stock structure appears to be improving, ○ The biomass estimates are likely to be conservative under-estimates of the state of the stock, because of uncertainty regarding pre-European-fishing growth rates etc, ○ The fishery is supporting consistently good commercial catches, and there is much less recreational effort compared to the East Coast, and ○ There are few/no ecological concerns (urchin barrens etc). • Area 7, which has comparatively high uncertainty because of a lack of data has 17% biomass but high 37% egg production. • An Industry representative questioned the accuracy of the data shown (1960s) as used to determine previous stock structure/abundance estimates.

Item	Title	Discussion Points
		<p>Model outputs:</p> <ul style="list-style-type: none"> • Area 1: rebuilding to over 25% biomass expected to happen in the next year • Area 2: expected to have rapid increase in egg production due to size limit change, translocation, and current recruitment pulse.

Item	Title	Discussion Points						
3 b	Recommended TACC for 2023/24 quota year	<p>NRE Tas proposed no change to TACC, 1050.7 tonnes because:</p> <ul style="list-style-type: none"> • The stock is projected to increase in coming years, and thanks to recent recruitment, the stock is now on track to reach rebuilding target on the East Coast and State-wide. • To take an increase now could decrease the certainty of achieving the rebuild. • Taking a decrease now is unnecessary given the stock is projected to meet rebuild targets. <p>The CFAC discussed the proposal:</p> <ul style="list-style-type: none"> • Industry representatives noted that while some members may wish for an increase, they accept no change, and note that market value is low, which supports keeping the TACC at status quo. • The IMAS representative noted that an increase is not recommended given uncertainty in the rebuild projections and catch rate volatility. • The CFAC agreed to retain the current TACC of 1,050.7 tonnes for the 2023/24 quota year. <p>Recommendation: CFAC recommended maintaining the TACC at 1,050.7 tonnes for the 2023/24 quota year</p>						
		<table border="1"> <thead> <tr> <th>Action</th> <th>Who</th> <th>Timing</th> </tr> </thead> <tbody> <tr> <td>NRE Tas to confirm the total number of quota units for the 2023/24 season</td> <td>NRE Tas</td> <td>Mid November 2023</td> </tr> </tbody> </table>	Action	Who	Timing	NRE Tas to confirm the total number of quota units for the 2023/24 season	NRE Tas	Mid November 2023
Action	Who	Timing						
NRE Tas to confirm the total number of quota units for the 2023/24 season	NRE Tas	Mid November 2023						

Item	Title	Discussion Points
4	North East and East Coast Catch Caps	<p>The NRE Tas representative proposed no change to the North East Catch Cap and for it to remain at 100 tonnes for the 2023/24 quota year. This was supported by the CFAC.</p> <p>The NRE Tas representative proposed no change to the east coast catch cap and for it to remain at 94 tonnes.</p> <p>TRLFA representative – Of view that 104 tonnes is the minimum commerciality of the east coast catch cap and the 10 tonnes taken off to reduce it to 94 tonnes has not been allocated anywhere. TRLFA presented the case for CFAC to consider that 10 tonne is put back into the catch cap. The reason for this proposal is to ease the race to fish currently occurring with the 94 tonne catch cap</p> <p>IMAS representative - If translocation did continue at same level the additional 10 tonnes could still allow to reach rebuild level by 2026 if all else stays the same.</p> <p>NRE Tas - Preference is status quo, but could consider a small increase (in the order of 5 tonnes) provided the East Coast stock is still projected to reach the rebuild target with reasonable certainty. Note a further discussion with the GM Marine Resources is required before confirming NRE Tas' position.</p> <p>Industry representative – In favour of any increase to the catch cap. Agreed with TRLFA that the east coast industry has been hit hard due to stock rebuilding and increasing recreational catch.</p> <p>Processor representative – Noted that the race to fish is not ideal from a processing perspective. CFAC supported increasing the East Coast Catch Cap to 100 tonnes for the 2023/24 quota year.</p> <p>GM Marine Resources (present for Agenda Items 3 & 4) proposed splitting the Catch Cap into seasons when reintroducing it. Industry members noted the idea has been considered before and there is no consensus amongst industry.</p> <p>Recommendation: CFAC recommended that the North East Catch Cap remains at 100 tonnes for the 2023/24 season.</p> <p>Recommendation: CFAC recommend a six tonne increase to the East Coast Catch Cap (to 100 tonnes) for the 2023/24 season.</p>

Item	Title	Discussion Points
5.	Potential Next Steps for Area 5	<p>NRE Tas presented potential next steps for area 5 with key points being:</p> <ul style="list-style-type: none"> • NRE Tas asked for suggestions from the CFAC on what management tools could be considered for this area to improve biomass • The Industry members noted strong objections to a catch cap. TRLFA outlined that it would strongly prefer to not revisit catch cap discussion in area 5 for the next 5 years. • NRE Tas noted that other management tools include bag/size/boat limits, pot limits, and season opening times. • NRE Tas acknowledged that while biomass looks low, it is less of a concern for Area 5 than the East Coast (see Agenda Item 3a). • A potential closed season during periods of spawning/shelling/poor fish quality was discussed. There was general industry agreement to considering the idea in future. • IMAS representative noted no strong biological reason to reduce catch levels currently. <p>NRE Tas asked for CFAC suggestions on potential research to improve knowledge of the stock status of Area 5:</p> <ul style="list-style-type: none"> • NRE Tas suggested establishing a research area (no-take for rock lobster for all sectors) to improve understanding of rock lobster growth rates, biomass density, and stock assessment estimates for the area. • The CFAC supported this concept in general. • Industry members noted the importance of improving the biomass estimate in Area 5. <p>The IMAS representative suggested that approximately a few areas less than 1 km² each should be sufficient, and that the fast growth rate in area 5 means the areas should only need to be closed for approximately five years to yield useful results.</p>

Item	Title	Discussion Points
6.	Giant Crab Stock Status	<p>IMAS provided the CFAC with an update of the giant crab stock status with key points being:</p> <ul style="list-style-type: none"> • Almost 100% TACC caught last season. • 2 years of steady CPUE increase. • Undersize crabs per pot lift data is stable.

Item	Title	Discussion Points
		<p>The CFAC was asked by NRE Tas representatives to make recommendation on giant crab TAC for 2023/24 quota year:</p> <ul style="list-style-type: none"> • NRE Tas outlined their default position would be to maintain the TACC but would hear arguments to increase. • It was noted that depleted stock status classification is highly likely to return to recovering due to increased CPUE and low TACC in recent years. • There was unanimous support from industry members for a 5 tonne increase of the TACC to bring the TACC to 25 tonnes. • One IMAS member noted it too soon to propose change in TACC given that recovery has only just commenced and one IMAS member noted it depended on whether recovery of the fishery can still occur with a 5 tonne increase. • The Industry members on the CFAC supported a TACC increase to 25 tonnes. <p>NRE Tas will consider the points raised by the FAC in making its recommendation.</p> <p>Recommendation: Industry members recommended a 5 tonne giant crab TAC increase.</p>

Item	Title	Discussion Points
7.	Rock Lobster Harvest Strategy update	<p>NRE Tas representative presented a paper on the way forward for developing state-wide Harvest Strategy Standard for rock lobster:</p> <ul style="list-style-type: none"> • NRE Tas is currently developing harvest strategy policy and guidelines to set out how each fishery harvest strategy will be developed • Hope to have the policy out for consultation in the first quarter of 2023 <p>Rock Lobster Harvest Strategy Working Group:</p> <ul style="list-style-type: none"> • Wants to develop diverse working group with members of industry including commercial and Aboriginal fishers. • Outline and develop primary (biological) and secondary (cultural/social/environmental/economic) objectives. • CFAC Chair outlined the difficulty surrounding secondary objectives and the actions to be taken when indicators based on them are triggered (other than 'review management arrangements'. Additionally, recruitment assumptions can have a significant impact on the success of a harvest strategy, which needs to be considered when developing a

Item	Title	Discussion Points		
		<p>harvest strategy Noted that MSE can help test the how robust a harvest strategy is to recruitment downturns and other impacts.</p> <p>TRLFA CEO suggested that if NRE Tas outlines what people they require for the working group then the FAC and TRLFA can help facilitate this.</p>		
		Action	Who	Timing
		NRE Tas to decide on composition of working group and notify CFAC.	NRE Tas	Before next meeting

Item	Title	Discussion Points
8.	Elephant Rock and North Bay research area opening	<p>Due to the current government commitment to open the Elephant Rock and North Bay rock lobster research areas in an orderly manner, NRE Tas presented some current ideas for discussion, including:</p> <ul style="list-style-type: none"> • Opening areas just to recreational take for a limited period of time (e.g., one year) to allow research to illustrate recreational choice and the benefit of the resource to recreational fishers. • Putting in maximum legal size to protect the large lobsters present in the area. • Restricting catch (such as with a bag limit of one) to limit the amount of recreational take. <p>CFAC agreed to the opening of North Bay for rock lobster for all fishers, as the area is more isolated and harder to enforce. The CFAC noted the Elephant Rock research area currently has a number of benefits. These includespill over benefits of higher egg biomass levels, research opportunities for local schools, the general amenities of experiencing a reef with greater number of larger lobsters than the rest of the East Coast, and that local fishers already understand the boundaries. CFAC proposed to keep Elephant Rock closed as is, but ideas for research could be needed to justify the decision and this will be investigated by IMAS, if reason for research cannot be found then it could potentially be considered for opening.</p> <p>The CFAC noted that it remains strongly opposed to any recreational only areas.</p> <p>It was clarified by NRE Tas Compliance that transitioning through these areas could be monitored by VMS units.</p>

Item	Title	Discussion Points		
		Action	Who	Timing
		IMAS to consider research opportunities for retaining the Elephant Rock lobster research area	IMAS	Before next meeting

Item	Title	Discussion Points		
9.	Giant Crab Management Plan	<p>NRE Tas noted the Giant Crab Management Plan expires 1 March 2024 and presented the following proposed amendments, noting that they focus on compliance elements:</p> <ul style="list-style-type: none"> • Rationalisation of giant crab telephone reporting requirements for leaving port, entry of port and unloading. <ul style="list-style-type: none"> ○ NRE Tas clarified that just the unloading report would be required at the end of a trip, whereas a port entry report would be needed if coming back after setting pots. <p>The CFAC generally supported this proposal.</p> <ul style="list-style-type: none"> • Rationalisation Ports of Landing – reduce the accepted ports to those used in recent years to land giant crab, with no consideration of interstate unloading. <p>The CFAC generally supported this proposal.</p> <ul style="list-style-type: none"> • Closed period for entire fishery proposed to establish period of at least seven days where all pots must be pulled and bought back in, likely to be in a month where there is limited fishing: <ul style="list-style-type: none"> ○ Two industry representatives provided support for June/July closure for one week. ○ An industry representative did not support a one-week closed when doing pre fishing report, entry report an unloading report provided information on pots set. ○ The CFAC generally supported this proposal. • All giant crab fishing vessels to have a VMS, bringing it into line with the rock lobster fishery: <ul style="list-style-type: none"> ○ The CFAC generally supported this proposal. • Maximum soak time proposed for 21 days with defence provision for weather, emergency etc.: <ul style="list-style-type: none"> ○ The CFAC generally supported this proposal. • Maximum limit on number of giant crab traps to 20 on longline: <ul style="list-style-type: none"> ○ The CFAC generally supported this proposal. 		

Item	Title	Discussion Points
		<ul style="list-style-type: none"> • A process for reporting lost and found pots: <ul style="list-style-type: none"> ○ Compliance representative clarified that currently if pots are lost for lobster or giant crab then police should be notified. ○ CFAC supported a refined process for reporting lost and found traps. <p>The CFAC noted that the circulated paper missed the proposal that the new management plan will require a marker buoy at each end of pot strings.</p> <p>NRE Tas stated this will be progressed in the next month.</p> <p>Industry enquired about a change to pot design for two neck pots being allowed in management plan changes including the addition of research pots to trial this pot design. It was noted that the avenue for a permit to trial other pots still exists.</p>

Item	Title	Discussion Points
10.	Other Business	<p>10.1 Processor representative presentation</p> <p>Processor representative presented on lobster marketing with key points being:</p> <ul style="list-style-type: none"> • Salco, Red Rock Lobster, State Growth and attended Singapore event to market product with considerable success in the sales of green frozen crayfish • The value of re-introducing a concept of deep-water quota to encourage effort offshore and allocate that quota to export fresh frozen. • CFAC expressed interest in looking into the concept of deep water quota <p>Processor representative presented on dry weight with key points being:</p> <ul style="list-style-type: none"> • Lobster TACC should not include water; solution would be to shift to dry weight as is done in Western Australia; this could occur through some (2%) of future quota being allocated to move from wet to dry weight. • CFAC expressed interest in looking into the use of dry weight quota.

Item	Title	Discussion Points		
		<p>10.2 Transfer of entitlements</p> <p>A member of industry discussed the limitation of quota units on giant crab transferring to vessel over 20m. It is noted as an action item that the department respond to the question from industry.</p> <p>Suggestion from the CFAC for ministerial guidelines to be reviewed regularly.</p>		
		Action	Who	Timing
		Respond to question about transfer of entitlements to vessel over 20m.	NRE Tas	Before next meeting

Item	Title	Discussion Points		
11.	Next Meeting	Suggested dates for the next meeting will be circulated. It is likely the suggested meeting date will be in March 2023.		

Consolidated action list

Meeting	Item	Action	Who	Timing	Progress/ action/ notes
90	1	Provide justification of benefits of enabling the transfer of fully caught units to NRE Tas Compliance & Licensing	TRLFA	ASAP	
90	3b	NRE Tas to confirm the total number of quota units for the 2023/24 season	NRE Tas	mid November 2023	
90	7	NRE Tas to decide on composition of working group and notify CFAC	NRE Tas	Before next meeting	
90	8	IMAS to consider research opportunities for retaining the Elephant Rock rock lobster research area	IMAS	Before next meeting	
90	10	Respond to question regarding transfer of entitlements and have discussion	NRE Tas	Before next meeting	