



**COMMISSION  
FOURTEENTH REGULAR SESSION**  
Manila Philippines  
3 – 7 December 2017

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**Proposed Revisions to Harvest Strategy Work plan**

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**WCPFC14-2017-DP27\_rev2  
07 December 2017**

**Proposed by Australia**

## Proposal from Australia (Rev 2)

### Explanatory Note

Some suggested changes to the workplan for CCMs to consider include:

1. extending the current workplan out to 2021 to allow for the ongoing work towards adoption of harvest strategies for the 4 key stocks;
2. reframing the work on bigeye and yellowfin tuna given the recent scientific advice for the status of bigeye from rebuilding to developing a target reference point;
3. proposing a dedicated discussion in 2018 by SC and the Commission of management objectives in terms of candidate target reference points for bigeye and yellowfin.

Significant changes are highlighted in yellow.

We welcome feedback from CCMs on these possible revisions and any others as we work through the harvest strategy agenda items for WCPFC14 and before we adopt a revised harvest strategy workplan.

### Rev 1 notes and changes

- Clarification of language around need for discussion of management objectives and TRPs of BET and YFT (2018).
- Regarding the need for clarity on whether decisions on harvest strategy elements are “interim”. The proposed approach is for the workplan to not state whether a future decision will be interim or otherwise but to simply schedule the decision and then let the Commission determine its interim nature. Hence the references to ‘interim’ that occurred in 2017 have been removed.
- Added note regarding review of skipjack TRP by 2019, according to CMM2015-06.
- Note further revisions to this workplan may be required pending decisions of WCPFC14.

### Rev 2 notes and changes

- Deferred 2017 south Pacific Albacore TRP decision until 2018
- Edited 2017 items to reflect the actual activities and decisions of the WCPFC14 and its subsidiary bodies during 2017.

**2017 PROPOSED DRAFT (Rev 2)**  
**WORK PLAN FOR THE ADOPTION OF HARVEST STRATEGIES UNDER CMM 2014-06<sup>1</sup>**

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	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
<b>2015</b>	SC provided advice on implications of a range of Target Reference Points for South Pacific albacore.	<b>Commission agreed an interim Target Reference Point (b).</b>	Commission tasked SC to determine a biologically reasonable timeframe for rebuilding bigeye tuna to [or above] its limit reference point.	
<b>Commission agreed to workplan for the adoption of harvest strategies under CMM 2014-06 [WCPFC12 Summary Report, Attachment Y]</b>				

	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
2016	<p>Commission considered management objectives for the fishery or stock (a).</p> <p><b>Performance indicators and Monitoring strategy (d).</b></p> <ul style="list-style-type: none"> <li>• SC provided advice on a monitoring strategy to assess performance against reference points.</li> <li>• SC provided advice on a range of performance indicators to evaluate performance of harvest control rules.</li> <li>• Commission tasked SPC/SC to develop interim performance indicators to evaluate harvest control rules.</li> <li>• <i>[Commission agree to a <b>monitoring strategy</b> to assess performance against reference points.]</i></li> </ul>	<p>Commission considered management objectives for the fishery or stock (a).</p> <p><b>Performance indicators and Monitoring strategy (d).</b></p> <ul style="list-style-type: none"> <li>• SC provided advice on a monitoring strategy to assess performance against reference points.</li> <li>• SC provide advice on a range of performance indicators to evaluate performance of harvest control rules.</li> <li>• Commission agreed interim performance indicators to evaluate harvest control rules. <b>[see WCPFC13 Summary Report Attachment M]</b></li> <li>• <i>[Commission agree to a <b>monitoring strategy</b> to assess performance against reference points.]</i></li> </ul>	<p>Commission considered management objectives for the fishery or stock (a).</p> <p>Commission agreed timeframes to rebuild stock to limit reference point. <b>[see page 8 of HSW]</b></p>	<p>Commission considered management objectives for the fishery or stock (a).</p>
	Commission agreed on interim maximum acceptable risk level for breaching the LRP (c). <b>[see page 8 of HSW]</b>			
	Commission agreed to a refined workplan for the adoption of harvest strategies under CMM 2014-06 <b>[WCPFC13 Summary Report Attachment N]</b>			

**Progress Summary:**

Recognised the need for some harvest strategy elements to be adopted as 'interim' noting that they be reconsidered as the harvest strategy process develops.

Considered management objectives for the fisheries or stocks and made progress on identifying performance measures for tropical purse seine fisheries. For South Pacific albacore acknowledged the benefit of SPC adapting the same list of indicators to further similar work for south Pacific albacore. Commenced some early discussions on the relationship between harvest strategies for the different species and multispecies issues.

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	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
2017	<p><del>Agree Target Reference Point (b).</del>  <del>Commission agree a TRP for south pacific albacore.</del></p> <p><b>Performance indicators and Monitoring strategy (d).</b></p> <ul style="list-style-type: none"> <li>SC provided advice on a range of performance indicators for the Southern Longline Fishery to evaluate performance of harvest control rules.</li> <li>Commission <del>agree-noted interim</del> performance indicators for the Southern Longline Fishery to evaluate harvest control rules.</li> </ul> <p><del>Develop harvest control rules (e) and Management strategy evaluation (f).</del></p> <ul style="list-style-type: none"> <li>SC provide advice on candidate harvest control rules based on agreed reference points.</li> </ul>	<p><b>Develop harvest control rules (e) and Management strategy evaluation (f).</b></p> <ul style="list-style-type: none"> <li>SC provide advice on candidate harvest control rules based on agreed reference points <del>(ongoing)</del>.</li> <li>Commission consider advice on progress towards <b>harvest control rules</b> <del>-(ongoing)</del>.</li> </ul>	<p><del>Agree p</del><b>Performance indicators and Monitoring strategy (d).</b></p> <ul style="list-style-type: none"> <li>SC provide advice on a range of performance indicators <del>for the Tropical Longline Fishery</del> to evaluate performance of harvest control rules.</li> <li>Commission <del>noted agree interim</del> performance indicators <del>for the Tropical Longline Fishery</del> to evaluate harvest control rules</li> </ul> <p>[SC report on BET status following updated assessment.]</p> <p>[SC and SPC provide advice to the Commission on the likely outcomes of revised tropical tuna measure.]</p>	<p><del>Agree p</del><b>Performance indicators and Monitoring strategy (d).</b></p> <ul style="list-style-type: none"> <li>SC provide advice on a range of performance indicators <del>for the Tropical Longline Fishery</del> to evaluate performance of harvest control rules.</li> <li>Commission <del>noted agree interim</del> performance indicators <del>for the Tropical Longline Fishery</del> to evaluate harvest control rules</li> </ul>
	<b>Consider management objectives for stocks and fisheries (a).</b>			
	<b>Progress Summary:</b>			

	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
2018	<p><b>Agree Target Reference Point (b).</b></p> <ul style="list-style-type: none"> <li>Commission agree a TRP for south pacific albacore.</li> </ul> <p><b>Develop harvest control rules (e) and Management strategy evaluation (f)</b></p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>TCC consider the implications of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards <b>harvest control rules.</b> <u>-(ongoing).</u></li> </ul> <p>[SC updated advice on SP albacore status.]</p>	<p><b>Develop harvest control rules (e) and Management strategy evaluation (f)</b></p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>TCC consider the implications of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards <b>harvest control rules.</b> <u>-(ongoing).</u></li> </ul>	<p>[SC updated advice on BET status.]</p> <p>[SC and SPC provide advice to the Commission on the likely outcomes of revised tropical tuna measure.]</p> <p>[SC and Commission discussion of management objectives for fisheries and/or stocks, and subsequent development of candidate TRPs for BET and YFT.]</p>	<p><del>Agree Target Reference Point (b).</del></p> <ul style="list-style-type: none"> <li><del>SC provide advice on a range of Target Reference Points for yellowfin.</del></li> <li><del>Commission agree a Target Reference Point for yellowfin.</del></li> </ul> <p>[SC and Commission discussion of management objectives for fisheries and/or stocks, and subsequent development of candidate TRPs for BET and YFT.]</p> <p><del>Develop harvest control rules (e).</del></p> <p><del>Management strategy evaluation (f).</del></p>
	<b>Consider management objectives for stocks and fisheries (a).</b>			
	<b>Progress Summary:</b>			

	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
2019	<p>Develop harvest control rules (e) and Management strategy evaluation (f)</p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>TCC consider the implications of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards <b>harvest control rules.</b> <u>-(ongoing).</u></li> </ul> <p><u>["TRP shall be reviewed by the Commission no later than 2019" – CMM2015-06]</u></p>	<p>Develop harvest control rules (e) and Management strategy evaluation (f)</p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>TCC consider the implications of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards harvest control rules. <u>-(ongoing).</u></li> </ul>	<p><b>Agree Target Reference Point (b).</b></p> <ul style="list-style-type: none"> <li>SC provide advice on potential Target Reference Points for bigeye.</li> <li>Commission agree a TRP for bigeye.</li> </ul> <p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards harvest control rules. <u>-(ongoing).</u></li> </ul>	<p><del>Agree performance indicators and Monitoring strategy (d).</del></p> <ul style="list-style-type: none"> <li><del>SC provide advice on a monitoring strategy to assess performance against reference points.</del></li> <li><del>Commission agree to a monitoring strategy to assess performance against reference points.</del></li> </ul> <p><b>Agree Target Reference Point (b).</b></p> <ul style="list-style-type: none"> <li>SC provide advice on potential Target Reference Points for yellowfin.</li> <li>Commission agree a TRP for yellowfin.</li> </ul> <p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>SC provide advice on performance of candidate harvest control rules. <u>-(ongoing).</u></li> <li>Commission consider advice on progress towards harvest control rules. <u>-(ongoing).</u></li> </ul>
	<p><u>Consider management objectives for stocks and fisheries (a).</u>  <u>NB: SC may need to reassess acceptable levels of risk for 3 key stocks. SKJ won't need to be reassess given process with HCR work.</u></p>			
	<p><u>Progress Summary:</u></p>			



	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
<b>2020</b>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules. -(ongoing).</u></li> </ul>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules.</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules.</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules. -</u></li> </ul> <p><b>Adopt a Harvest Control Rule</b></p>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules. -(ongoing).</u></li> </ul>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules. -(ongoing).</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules. -(ongoing).</u></li> </ul>
	<u>Consider management objectives for stocks and fisheries (a).</u>			
	<u>Progress Summary:</u>			

	South Pacific Albacore	Skipjack	Bigeye	Yellowfin
<b>2021</b>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules.</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules.</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules.</u></li> </ul> <p><b>Adopt a Harvest Control Rule.</b></p>	<p><u>Harvest Strategy for Skipjack in place</u></p>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules.</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules.</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules.</u></li> </ul> <p><b>Adopt a Harvest Control Rule</b></p>	<p><u>Develop harvest control rules (e) and Management strategy evaluation (f)</u></p> <ul style="list-style-type: none"> <li>• <u>SC provide advice on performance of candidate harvest control rules.</u></li> <li>• <u>TCC consider the implications of candidate harvest control rules.</u></li> <li>• <u>Commission consider advice on progress towards harvest control rules.</u></li> </ul> <p><b>Adopt a Harvest Control Rule</b></p>
	<u>Consider management objectives for stocks and fisheries (a).</u>			
	<u>Progress Summary:</u>			