

## ***Schedule of work for the development of management procedures for key species in the IOTC***

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Resolution 15/10 notes that the objectives of the Commission are *'to maintain stocks in perpetuity and with high probability, at levels not less than those capable of producing their maximum sustainable yield'*. To that end, interim and alternate interim limit and target reference points have been adopted by the Commission, and the Scientific Committee has been instructed to *'develop and assess, through the management strategy evaluation process, the performance of harvest control rules to achieve target reference points on average and avoid limit reference points with a high probability'*.

The development of management procedures for key IOTC species is underway. The development and review of management procedures through the IOTC committees and sub-committees, and the adoption of management procedures by the Commission, is a complex and iterative process that will likely require several rounds of advice, consideration and review.

The 20<sup>th</sup> Session of the IOTC Commission noted the substantial work underway in developing management procedures for IOTC stocks and requested *'the SC to develop a work plan reflecting key elements to be agreed and developed, including roles and responsibilities of each of the Commission, Scientific Committee, Compliance Committee and other subsidiary bodies, and also including decision points on these elements for the Commission'*. The following draft schedule of work has been developed to address this request from the Commission.

The schedule of work outlines the process that will need to be followed and the decisions that need to be made to give effect to management procedures for target species in the IOTC area of competence. The timeframes presented are indicative only, and may be subject to change. However, the schedule provides a guide for the IOTC committees and sub-committees, and the Commission, to understand their roles and responsibilities in the process of developing and adopting management procedures in the IOTC.

This paper is intended for consideration and discussion by the WPM ahead of endorsement by the Scientific Committee and presentation, with any necessary revisions, to the Technical Committee on Management Procedures and the Commission in 2017.

### **References:**

Resolution 12/01 On the implementation of the precautionary approach

Resolution 14/03 On enhancing the dialogue between fisheries scientists and managers.

Resolution 15/10 On target and limit reference points and a decision framework.

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<sup>1</sup> Australian Bureau of Agricultural and Resource Economics and Sciences, Department of Agriculture and Water Resources, Canberra ACT 2601 Australia.

## Overall plan:

Year	Yellowfin	Bigeye	Albacore
2016	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>• Provide recommendations to the Commission on appropriate reference points under Resolution 15/10</li> <li>• Undertake MSE and provide initial advice on the performance of candidate MPs (1<sup>st</sup> round)</li> </ul>	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>• Provide recommendations to the Commission on appropriate reference points under Resolution 15/10</li> <li>• Undertake MSE and provide initial advice on the performance of candidate MPs (1<sup>st</sup> round)</li> </ul>	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>• Provide recommendations to the Commission on appropriate reference points under Resolution 15/10</li> <li>• Undertake MSE and provide advice on the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul>
2017	<p>CoC:</p> <ul style="list-style-type: none"> <li>• Provide advice on operational or compliance matters for candidate MPs (1<sup>st</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>• Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (1<sup>st</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>• Consider preliminary work and advice from subcommittees</li> <li>• Provide direction to the WPM/SC on the need to evaluate appropriate target reference points and undertake further MSE of candidate or alternative MPs</li> </ul>	<p>CoC:</p> <ul style="list-style-type: none"> <li>• Provide advice on operational or compliance matters for candidate MPs (1<sup>st</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>• Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (1<sup>st</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>• Consider preliminary work and advice from subcommittees</li> <li>• Provide direction to the WPM/SC on the need to evaluate appropriate target reference points and undertake further MSE of candidate or alternative MPs</li> </ul>	<p>CoC:</p> <ul style="list-style-type: none"> <li>• Provide advice on operational or compliance matters for candidate MPs (1<sup>st</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>• Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>• Consider work and advice from subcommittees</li> <li>• Provide direction to the WPM/SC on the need to evaluate appropriate target reference points</li> </ul>

	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>Consider recommendations from the Commission, including the evaluation of appropriate target reference points</li> <li>Undertake MSE and provide advice on the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul>	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>Consider recommendations from the Commission, including the evaluation of appropriate target reference points</li> <li>Undertake MSE and provide advice on the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul>	<p>and undertake further MSE of candidate or alternative MPs</p> <p>WPM/SC:</p> <ul style="list-style-type: none"> <li>Consider recommendations from the Commission, including the evaluation of appropriate target reference points</li> <li>Undertake MSE and provide advice on the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul>
<b>2018</b>	<p>CoC:</p> <ul style="list-style-type: none"> <li>Provide advice on operational or compliance matters for candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>Consider work and advice from subcommittees</li> <li>Decision and adoption of an MP <u>or</u> provide direction to the WPM/SC on the need for further MSE of candidate or alternative MPs</li> </ul>	<p>CoC:</p> <ul style="list-style-type: none"> <li>Provide advice on operational or compliance matters for candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>Consider work and advice from subcommittees</li> <li>Decision and adoption of an MP <u>or</u> provide direction to the WPM/SC on the need for further MSE of candidate or alternative MPs</li> </ul>	<p>CoC:</p> <ul style="list-style-type: none"> <li>Provide advice on operational or compliance matters for candidate MPs (2<sup>nd</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>Provide advice to the Commission on elements of the MPs that require a decision by the Commission, including target reference points and the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>Consider work and advice from subcommittees</li> <li>Decision and adoption of an MP</li> </ul>

	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>• Undertake MSE and provide advice on the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul>	<p>WPM/SC:</p> <ul style="list-style-type: none"> <li>• Undertake MSE and provide advice on the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul>	
<b>2019</b>	<p>CoC:</p> <ul style="list-style-type: none"> <li>• Provide advice on operational or compliance matters for candidate MPs (3<sup>rd</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>• Provide advice to Commission on elements of the MPs that require a decision by the Commission, including the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>• Consider work and advice from subcommittees</li> <li>• Decision and adoption of an MP</li> </ul>	<p>CoC:</p> <ul style="list-style-type: none"> <li>• Provide advice on operational or compliance matters for candidate MPs (3<sup>rd</sup> round)</li> </ul> <p>TCMP:</p> <ul style="list-style-type: none"> <li>• Provide advice to Commission on elements of the MPs that require a decision by the Commission, including the performance of candidate MPs (3<sup>rd</sup> round)</li> </ul> <p>Commission:</p> <ul style="list-style-type: none"> <li>• Consider work and advice from subcommittees</li> <li>• Decision and adoption of an MP</li> </ul>	