

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

At its 21<sup>st</sup> Session in 2017, the Commission adopted the ‘Schedule of work for the development of management procedures for key species in the IOTC Area’ (the Schedule). The Schedule ran from 2017 to 2020 and during that time substantial progress has been made to develop management procedures, ranging from early MSE work for swordfish to the consideration of a draft management procedure measure for yellowfin tuna.

At its 23<sup>rd</sup> Session in 2019, the Commission endorsed a request by the Technical Committee on Management Procedures (TCMP) that the Scientific Committee develop a revised work plan for Management Procedure development. This proposed update to the Schedule fulfils this request and is presented for the consideration of relevant scientific working parties and the Scientific Committee in 2019. Based on feedback from the scientific bodies, the update will be revised and submitted for consideration by the TCMP and endorsement by the Commission at their 2020 sessions.

This updated Schedule outlines the process that will need to be followed and the decisions that need to be made to develop management procedures for key IOTC species (at the stock or fishery level) in the IOTC area of competence. It provides a guide for the IOTC committees and sub-committees, as well as the Commission, to understand their roles and responsibilities in the process of developing and adopting management procedures. It also provides indicative timeframes for this work, which may be subject to change. The schedule of work is intended to continue to be a ‘living’ document that the Commission owns and uses (including updating as required) to catalyse, track and confirm its ongoing commitment to the development of management procedures.

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

*A more detailed explanation of the roles of the Working Parties (WPs), Scientific Committee (SC), Technical Committee on Management Procedures (TCMP) and the Commission are provided at Annex 1.*

<b>Year</b>	<b>Albacore</b>	<b>Skipjack</b>	<b>Yellowfin</b>	<b>Bigeye</b>	<b>Swordfish</b>
<b>2020</b>	<p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p><b>WPs/SC:</b> Apply harvest control rule (HCR) using results from 2020 stock assessment to calculate total annual catch limit. (Secretariat to advise CPCs of catch limit.)</p> <p>Extend the HCR to develop full candidate MPs and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>
<b>2021</b>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p>	<p><b>TCMP:</b> Provide advice to the Commission on outcomes from the application of the HCR.</p> <p>Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p>
	<p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need for</p>	<p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need for</p>	<p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP.</p>	<p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need to</p>	<p><b>Commission:</b> Consider work and advice from subsidiary bodies and provide direction to the WPs/SC on the need to</p>

	<p>further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p>further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>		<p>undertake further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p>undertake further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>
2022	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need for further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need for further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>		<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP.</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need to undertake further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs.</p>
2023	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision</p>	<p><b>TCMP:</b> Provide advice to Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision</p>			<p><b>TCMP:</b> Provide advice to the Commission on elements of candidate MPs, and any proposed Resolutions for an MP, that require a decision</p>

	<p>by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP.</p>	<p>by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP.</p>			<p>by the Commission, including the performance of candidate MPs against Commission objectives.</p> <p><b>Commission:</b> Consider work and advice from subsidiary bodies. Decision and adoption of an MP <u>or</u> provide direction to the WPs/SC on the need for further MSE of candidate or alternative MPs.</p> <p><b>WPs/SC:</b> Consider recommendations from the Commission and undertake MSE to provide advice on the performance of candidate MPs,</p>
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## **Annex 1: Explanation of roles in the development of candidate Management Procedures**

### **Working Parties and Scientific Committee**

The Scientific Committee (SC) and Working Parties (WPs) are responsible for undertaking the technical development of candidate management procedures (MPs), through formal Management Strategy Evaluation (MSE), and providing advice on candidate MPs to the Commission.

The Working Party on Methods (WPM) is the primary WP for the development of candidate MPs, but other WPs, such as the Working Party on Tropical Tuna (WPTT), Working Party on Temperate Tuna (WPTmT) and the Working Party on Billfish (WPB), may also contribute to MP development for relevant species.

#### *'Undertake MSE'*

- This involves developing operating models and evaluating the performance of candidate management procedures, which include harvest control rules and the pre-specification of data inputs and analyses, against the Commission's objectives.

#### *'Provide advice on the performance of candidate MPs'*

- This involves using the agreed performance statistics and standardised figures and tables to communicate results from MSE. Advice from the SC and WPs to the Commission also includes advice on the appropriateness of limit reference points (LRP) and target reference points (TRP), as required under Resolution 15/10.

### **Technical Committee on Management Procedures**

Resolution 16/09 states that the objectives of the Technical Committee on Management Procedures (TCMP) include to *'Enhance the decision making response of the Commission in relation to management procedures, including recommendations made by the Scientific Committee'* and to *'Enhance communication and foster dialogue and mutual understanding between the Scientific Committee and the Commission on matters relating to management procedures'*.

#### *'Provide advice to Commission'*

- This involves assisting the Commission to consider the elements of MPs that require a decision by the Commission, including identifying and evaluating candidate MPs that aim to meet the Commission's objectives.

#### *'On elements of candidate MPs that require a decision by the Commission'*

- Elements of the MPs to be considered include the overarching management objectives, target and limit reference points, harvest control rules, and the performance of MPs against management objectives.

### **Commission**

The Commission is ultimately responsible for guiding the MP process and making decisions on the adoption of MPs, drawing on the advice provided by subsidiary bodies.

*'Decision and adoption of an MP'*

- This involves considering a proposed MP, which may take the form of a conservation and management measure proposed by a Commission member, or endorsement of a candidate MP.

*'Consider work and advice from subsidiary bodies'*

- This involves the Commission considering advice from the WPs, SC and TCMP on the performance of MPs in achieving the Commission's objectives. In making decisions on adopting MPs, the Commission may also seek advice on compliance and implementation issues from the Compliance Committee.

*'Provide direction to the WPs/SC on the need for further MSE of candidate or alternative MPs'*

- This involves the Commission providing direction to the WPs and the SC on the need to further refine candidate MPs or develop new candidate MPs through formal MSE. This advice will in turn assist the Commission in its consideration and adoption of MPs.