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## Update on actions arising from the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010)

PREPARED BY: IPHC SECRETARIAT (07 APRIL 2018)

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### PURPOSE

To provide the MSAB with an opportunity to consider the progress made during the inter-sessional period in relation to the recommendations and requests of the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010).

### BACKGROUND

At the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010), participants agreed on a series of actions to be taken by the Commission, Subsidiary Bodies, and the IPHC Secretariat on a range of topics as detailed in [Appendix A](#).

### DISCUSSION

Noting that best practice governance requires the prompt delivery of core tasks assigned by the Commission, at each subsequent session of the Commission and its subsidiary bodies, attempts will be made to ensure that any recommendations and requests for action are carefully constructed so that each contains the following elements:

- 1) a specific action to be undertaken (deliverable);
- 2) clear responsibility for the action to be undertaken (i.e., a specific Contracting Party, the IPHC Secretariat, a subsidiary body of the Commission, or the Commission itself);
- 3) a desired time frame for delivery of the action (i.e., by the next session of an subsidiary body, or other date).

This involves numbering and tracking all action items (see [Appendix A](#)) from the MSAB in 2017, as well as including clear progress updates and document reference numbers.

### RECOMMENDATION/S

That the MSAB:

- 1) **NOTE** paper IPHC-2018-MSAB011-04, which provided the MSAB with an opportunity to consider the progress made during the inter-sessional period in relation to the recommendations and requests of the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010).
- 2) **AGREE** to consider and revise as necessary, the actions arising from the MSAB010, and for these to be combined with any new actions arising from the MSAB011.

### APPENDICES

[Appendix A](#): Update on actions arising from the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010)

## APPENDIX A

Update on actions arising from the 10<sup>th</sup> Session of the IPHC Management Strategy Advisory Board (MSAB010)

Action No.	Description	Update
MSAB010– Rec.01 ( <a href="#">para. 11</a> )	<p><b>A review of the goals and objectives of the IPHC MSE process</b></p> <p>The MSAB <b>AGREED</b> to further revise the goals, objectives, and performance metrics, as detailed at <a href="#">Appendix IV</a>, at MSAB11, and also <b>RECOMMENDED</b> that the Commission review and provide guidance on them at the 94<sup>th</sup> Session of the Commission, thereby providing clear direction for the IPHC Secretariat and MSAB for action in 2018.</p>	<p><b>Completed:</b> The Commission reviewed goals, objectives, and performance metrics at the 93<sup>rd</sup> Interim Meeting (IM093) (see report <a href="#">IPHC-2017-IM093-R</a>) and followed up with Circular <a href="#">2017-CR-022</a>, which was forwarded to the Commission and the MSAB in order to solicit input from stakeholders prior to the AM094. The Commission reviewed these inputs at the AM094 (see paper <a href="#">IPHC-2018-MSAB011-06</a>) and the Commission's guidance from AM094 has been incorporated into the materials prepared for the MSAB011.</p>
MSAB010– Rec.02 ( <a href="#">para. 32</a> )	<p><b>Discussion of the performance metrics reported</b></p> <p>The MSAB <b>RECOMMENDED</b> that future iterations of the simulations focus on the reduced range of SPR targets (greater than 40%, less than 55%) based on preliminary interpretation of results, and that 2% intervals between SPR values is sufficient to interpret future results.</p>	<p><b>Completed:</b> The recommended a range of SPR targets has been incorporated into the simulation analysis, and takes into account the Commission recommendation in paragraph 31 from IPHC-2018-AM094-R to expand the lower range of SPR values.</p>
MSAB010– Rec.03 ( <a href="#">para. 41</a> )	<p><b>MSAB Program of Work 2018-22</b></p> <p>The MSAB <b>RECOMMENDED</b> the updated Program of Work provided at <a href="#">Appendix VI</a>, for the Commission's further consideration.</p>	<p><b>Completed:</b> The Commission considered the proposed MSAB Program of Work at its 94<sup>th</sup> Annual Meeting (AM094), and made a number of additional recommendations, as detailed in Section 7.2 and 7.3 of the AM094 Report.</p>
<b>REQUESTS</b>		
MSAB010– Req.01 ( <a href="#">para. 15</a> )	<p><b>Performance metrics for evaluation</b></p> <p>The MSAB <b>REQUESTED</b> that the IPHC Secretariat link the goals and objectives to each reported performance metric and provide a summary of key performance metrics over the range of Management Procedures evaluated for presentation to the Commission at the 93<sup>rd</sup> Interim Meeting and the 94<sup>th</sup> Annual Meeting.</p>	<p><b>Completed:</b> Papers <a href="#">IPHC-2017-IM093-10</a> and <a href="#">IPHC-2018-AM094-12</a> presented this information as requested by the MSAB to the Commission at the IM093 and the AM094.</p>

Action No.	Description	Update
MSAB010– Req.02 ( <a href="#">para. 21</a> )	<p><b>Simulations to evaluate fishing intensity: A review of variability and scenarios</b></p> <p><b>NOTING</b> the current simulated bycatch mortality probability distribution is unrelated to the total mortality in the operating model, the MSAB <b>REQUESTED</b> the IPHC Secretariat to consider alternative methods to simulate bycatch mortality at various Pacific halibut abundances.</p>	<p><b>In Progress:</b> Bycatch mortality is treated as a scenario in simulations using the operating model, using a range of mortality levels at various Pacific halibut abundances. Alternative methods will be discussed at MSAB011 and incorporated into the future simulations.</p>
MSAB010– Req.03 ( <a href="#">para. 22</a> )	<p>The MSAB <b>AGREED</b> that additions to the simulation framework are required. These include adding variability to the simulated selectivities for all sectors (e.g. changes in selectivity of bycatch due to future management changes), incorporating time-varying maturity-at-age, improvements to simulating weight-at-age, using an estimation model to introduce estimation error (and data generation with error if necessary), and incorporate implementation variability in the simulations. The MSAB <b>REQUESTED</b> that these modifications be added to the simulation framework and assumptions.</p>	<p><b>In Progress:</b> The simulation framework and any additions needed to evaluation of fishing intensity will be discussed at MSAB011 and incorporated into the future simulations.</p>
MSAB010– Req.04 ( <a href="#">para. 29</a> )	<p><b>Closed-loop simulations results</b></p> <p><b>CONSIDERING</b> the need to determine appropriate methods for producing and reporting short-term, medium-term, and long-term results, the MSAB <b>REQUESTED</b> the IPHC Secretariat to review literature of past MSEs with regard to principles to help define appropriate time periods, consider the development of informative methods, and communicate any concerns at the MSAB11 meeting.</p>	<p><b>In Progress:</b> A review will be presented at MSAB011, followed by discussion for further input from MSAB members.</p>
MSAB010– Req.05 ( <a href="#">para. 30</a> )	<p>The MSAB <b>AGREED</b> that recent realized SPRs are within the range of target SPRs described in <a href="#">para. 24</a>, and <b>REQUESTED</b> that the management procedures described in MSAB09-R should continue to be evaluated under the revised simulation framework.</p>	<p><b>Completed:</b> The management procedures described in MSAB09-R continue to be evaluated in the simulation framework.</p>
MSAB010– Req.06 ( <a href="#">para. 31</a> )	<p><b>CONSIDERING</b> the effect that operational control points (OCPs) have on the conservation, yield, and stability objectives, the MSAB <b>REQUESTED</b> that in addition to 30:20 and 40:20, additional OCPs should be evaluated as determined at subsequent meetings.</p>	<p><b>Completed:</b> The simulation framework can accommodate testing additional OCPs specified at MSAB011.</p>

Action No.	Description	Update
MSAB010– Req.07 ( <a href="#">para. 43</a> )	<b>IPHC meetings calendar (2018-20): MSAB</b> The MSAB <b>AGREED</b> that MSAB11 should take place 7-10 May 2018, and the MSAB12 take place 22-25 October 2018, and <b>REQUESTED</b> that the IPHC Secretariat include these dates in the IPHC meetings calendar for the Commissions consideration.	<b>Completed:</b> The Commission considered the consolidated dates for the IPHC bodies, and agreed to a modified meeting calendar as provided at: <a href="https://iphc.int/meetings/calendar/">https://iphc.int/meetings/calendar/</a>