



Update on the Actions Arising from the 19th Session of the IPHC Management Strategy Advisory Board (MSAB019)

PREPARED BY: IPHC SECRETARIAT (20 SEPTEMBER 2024)

PURPOSE

To provide the Management Strategy Advisory Board (MSAB) with an opportunity to consider the progress made during the intersessional period, on the recommendations/requests arising from the MSAB019.

BACKGROUND

At the MSAB019, the members recommended/requested a series of actions to be taken by the IPHC Secretariat, as detailed in the MSAB019 meeting report ([IPHC-2023-MSAB019-R](#)) available from the IPHC website, and as provided in [Appendix A](#).

DISCUSSION

During the 20th Session of the MSAB (MSAB020), efforts will be made to ensure that any recommendations/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 (such as the IPHC Staff or MSAB officers);
- 3) a desired time frame for delivery of the action (such as by the next session of the MSAB or by some other specified date).

RECOMMENDATION/S

That the MSAB:

- 1) **NOTE** paper IPHC-2024-MSAB020-04, which provided the MSAB with an opportunity to consider the progress made during the inter-sessional period, in relation to the consolidated list of recommendations/requests arising from the previous MSAB meeting (MSAB019).
- 2) **AGREE** to consider and revise the actions as necessary, and to combine them with any new actions arising from MSAB020.

APPENDICES

Appendix A: Update on actions arising from the 19th Session of the IPHC Management Strategy Advisory Board (MSAB019)

APPENDIX A
Update on actions arising from the 19th Session of the IPhC Management Strategy
Advisory Board (MSAB019)

RECOMMENDATIONS

Action No.	Description	Update
MSAB019– Rec.1 (para 51)	NOTING paragraph 48, the MSAB RECOMMENDED developing an objective and identifying a management procedure that addresses the current circumstances and differences in perception of the stock status.	In progress The 4 th Meeting of the Ad Hoc MSAB Working Group took place on 18 July 2024 and began this discussion.
MSAB019– Rec.2 (para 52)	The MSAB RECOMMENDED adopting the following exceptional circumstances: a) The coastwide all-sizes FISS WPUE or NPUE from the space-time model falls above the 97.5th percentile or below the 2.5th percentile of the simulated FISS index for two or more consecutive years. b) The observed FISS all-sizes stock distribution for any Biological Region is above the 97.5th percentile or below the 2.5th percentile of the simulated FISS index for two or more consecutive years. c) Recruitment, weight-at-age, sex ratios, other biological observations, or new research indicating parameters that are outside the 2.5th and 97.5th percentiles of the range used or calculated in the MSE simulations	Completed These three exceptional circumstances were presented to the SRB at SRB024 and the SRB suggested retaining only a). See paragraph 25 of IPHC-2024-SRB024-R .
MSAB019– Rec.3 (para 55)	The MSAB RECOMMENDED adopting the follow actions if an exceptional circumstance occurs: a) Consult with the SRB and MSAB to identify why the exceptional circumstance occurred, what can be done to resolve it, and determine a set of MPs to evaluate with a possibly updated OM. b) If a multi-year MP was implemented and an exceptional circumstance occurred in a year without a stock assessment, a stock assessment would be completed as soon as possible along with the re-examination of the MSE. c) Further consult with the SRB and MSAB after simulations are complete to identify whether a new MP is appropriate.	Completed These actions are currently listed in the draft Harvest Strategy Policy. See IPhC-2024-MSAB020-07.

Action No.	Description	Update
MSAB019– Rec.4 (para 57)	The MSAB RECOMMENDED a one- to two-day hybrid MSAB meeting in the fall of 2024, prior to the 100th Session of the IPHC Interim Meeting (IM100), to discuss results from the ad-hoc working group (para. 56) and review any simulation designs and results.	Completed MSAB020

REQUESTS

Action No.	Description	Update
MSAB019– Req.1 (para 32)	The MSAB REQUESTED that outreach materials be developed by the Secretariat that synthesize the effect of the PDO (e.g. via recruitment) on the coastwide and regional stock dynamics and the relative effect of fishing in simple terms with interpretation and consequences of the outcomes. This may be a pamphlet or a short document to be reviewed via email by MSAB members before the 100th Session of the IPHC Interim Meeting (IM100).	In progress This is in progress and a draft is planned to be made available before MSAB020 as an informational document.
MSAB019– Req.2 (para 39)	The MSAB REQUESTED that the evaluation of annual, biennial, and triennial assessments include, but is not limited to, the following concepts. a) Annual changes in the coastwide TCEY is driven by an empirical rule in nonassessment years of a multi-year MP; b) A constraint on the coastwide TCEY to reduce inter-annual variability and the potential for large changes in every year or only assessment years. This may be a 10%, 15%, or 20% constraint, a slow-up fast-down approach, or similar approach; c) SPR values ranging from 35% to 52%.	Completed Results of simulations are presented in document IPHC-2024-MSAB020-06.
MSAB019– Req.3 (para 40)	RECALLING paragraph 39 item a) the MSAB REQUESTED the Secretariat and SRB develop empirical rule options using the following possible sources of data: a) A static coastwide TCEY determined from the stock assessment; b) FISS O32 WPUE; c) Incorporation of commercial and FISS age data with FISS O32 WPUE	In progress Empirical rules continue to be developed.

Action No.	Description	Update
MSAB019– Req.4 (para 42)	<p>The MSAB REQUESTED that the Commission provide guidance on whether and how to incorporate distribution in the MSE simulations. Three potential options are:</p> <p>a) Integrating over multiple distribution procedures;</p> <p>b) Use a single distribution procedure and add uncertainty;</p> <p>c) Use recent years to define percentage of TCEY in each IPHC Regulatory Area and add uncertainty.</p>	<p>Completed</p> <p>With the assistance of the SRB, distribution is included in the MSE simulations using a combination of b) and c).</p>
MSAB019– Req.5 (para 47)	<p>The MSAB REQUESTED that the Secretariat report performance metrics noted in paragraph 44 and 45 over ten (10) and fifteen (15) year periods.</p>	<p>Completed</p> <p>These performance metrics and time-periods are reported in document IPHC-2024-MSAB020-06.</p>
MSAB019– Req.6 (para 54)	<p>The MSAB REQUESTED that the SRB and Secretariat work together to consider different ways to incorporate fishery-dependent data into an exceptional circumstance.</p>	<p>Pending</p> <p>Will be discussed with the SRB as time allows.</p>
MSAB019– Req.7 (para 56)	<p>The MSAB REQUESTED that the Secretariat assist with hosting an ad-hoc working group (in accordance with the MSAB Terms of Reference and Rules of Procedure (Appendix V, Sect. V, para 10), in 2024 to discuss potential management procedures that include adjusting fishing intensity at low spawning biomass, low FISS WPUE, low commercial fishery catch-rates, or low productivity.</p>	<p>Completed</p> <p>An informal meeting of the 4th MSAB Ad-Hoc Working Group was held on 18 July 2024. A summary is provided in IPHC-2024-MSAB020-INF01.</p>