

INTERNATIONAL PACIFIC



HALIBUT COMMISSION

MSE update and Program of Work for 2021-2023: Timeline

Agenda Item 7.1

IPHC-2022-AM098-12

(A. Hicks & I. Stewart)



MSE Program of Work 2021-2023

[IPHC-2021-MSE-02](#)

ID	Category	Task	Deliverable
F.1	Framework	Develop migration scenarios	Develop OMs with alternative migration scenarios
F.2	Framework	Implementation variability	Incorporate additional sources of implementation variability in the framework
F.3	Framework	Develop more realistic simulations of estimation error	Improve the estimation model to more adequately mimic the ensemble stock assessment
F.5	Framework	Develop alternative OMs	Code alternative OMs in addition to the one already under evaluation.
M.1	MPs	Size limits	Identification, evaluation of size limits
M.3	MPs	Multi-year assessments	Evaluation of multi-year assessments
E.3	Evaluation	Presentation of results	Develop methods and outputs that are useful for presenting outcomes to stakeholders and Commissioners

Tasks timeline 2022

AM098 (January)

- MSE PoW update
- MSAB schedule

SRB020 (June)

- Framework
- OMs
- MPs
- Communication

MSAB018 (October)

- MSE results
- Evaluation

MSE Info Session (Spring)

- OMs
- MPs to evaluate
- Communication

SRB021 (Sept)

- MSE results
- Evaluation

IM098 (November)

- MSE results
- Evaluation



Tasks timeline 2022

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Framework Tasks

- OMs complete
- Other elements

MP Tasks

- Size Limits
- Multi-year

Evaluation Tasks



2022 milestones

- Framework tasks
 - **F.1:** Migration hypotheses
 - **F.5:** Updated OMs
 - **F.2:** Implementation variability
 - **F.3:** Improved estimation error
 - Length approximations for **M.1**
 - **All tasks completed in February**
- MPs
 - **M.1:** Size limits:
 - **M.3:** Multi-year assessments
 - Preliminary results at MSE info session
 - **Full results for SRB021**
- **E.3:** Evaluation
 - **Throughout 2022**



MSAB017

- Potentially 25-27 October 2022
- Preliminary agenda
 - Framework updates completed
 - MPs simulated
 - Evaluation
 - Objectives and performance metrics
 - Identifying best performing MPs
 - Size limits
 - Multi-year assessments
 - Recommendations

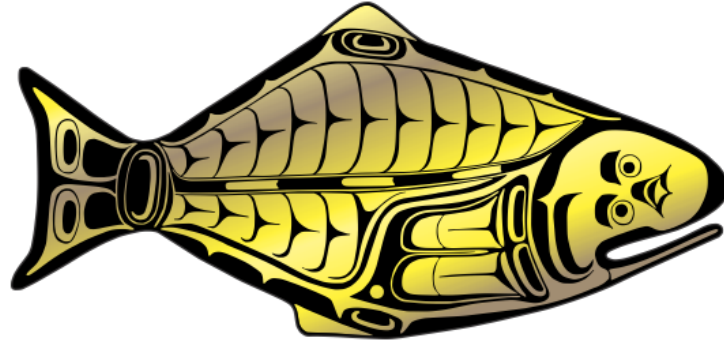


Recommendations

- c) **RECOMMEND** elements of size limit management procedures for evaluation, which may include no size limits, minimum size limits, and maximum size limits.
- Staff Plan: 32”, no size limit
 - *Additional Commission recommendations*
- d) **RECOMMEND** elements of management procedures related to multi-year assessments, including holding the TCEY constant, incorporating empirical approaches in non-assessment years, and the number of years between stock assessments.
- Staff Plan: Biennial
 - Staff Plan: Constant TCEY, Simple empirical rule using FISS data
 - *Additional Commission recommendations*



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