

INTERNATIONAL PACIFIC



HALIBUT COMMISSION

Report of the IPHC Management Strategy Advisory Board (2025)

Agenda item: 3.3
IPHC-2025-MSAB021-R
(G. Mason & P. Hulson)

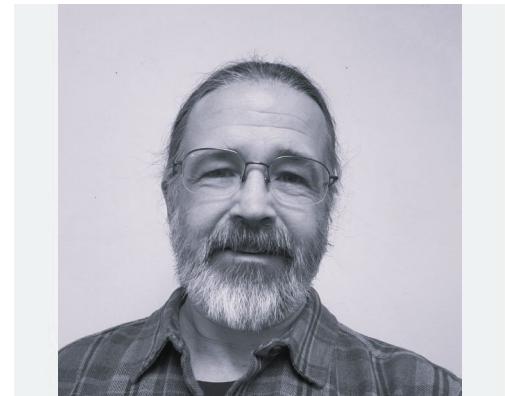


MSAB Membership in 2025

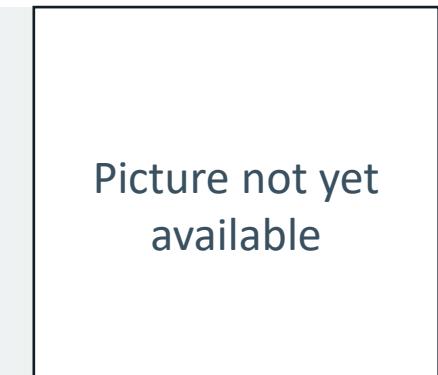
- Commercial Harvesters
 - 7 members (max 8)
 - 1 new member in 2024
- First Nations/Tribal Fisheries
 - 3 members (max 4)
- Processors
 - 2 members (max 4)
- Recreational fisheries
 - 3 members (max 4)
- Government agencies
 - 7 members
 - 2 new members in 2024



Doug Duncan
NOAA-Fisheries
U.S.A.



Phil Joy
ADFG
USA



Picture not yet
available

Garrett Elwood
Commercial
U.S.A.



MSAB021

- 3 days in Juneau, AK from 13-15 May 2025
- (Re-) Introduction to MSE
- Development of an MSE Program of Work for 2025-2026
- Review of the draft Harvest Strategy Policy

13-15 MAY 2025

21st Session of the IPHC Management Strategy
Advisory Board (MSAB021)

Management Strategy Advisory Board (MSAB)

📍 JUNEAU, AK



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Further evaluations of Management Procedure (MP) elements

IPHC-2025-MSAB021-R, para 36: The MSAB REQUESTED further evaluations of the following MP elements, after the OM is conditioned following the full 2025 stock assessment:

- a) **fishing intensities** including, but not limited to, SPRs of 40%, 43%, 46%, 52%, 55%, and 100% (no directed fishing);
- b) **a triennial assessment frequency;**
- c) **various empirical rules** to determine the reference coastwide TCEY in non-assessment years;
- d) **control rules** with triggers at higher values than RSB30% or based on absolute spawning biomass relative to the spawning biomass estimated at the beginning of 2024



Evaluating constraints and smoothers

IPHC-2025-MSAB021-R, para 37: The MSAB REQUESTED evaluating constraints and smoothers, along with MP elements listed in para. 36, that would potentially reduce the interannual variability in the TCEY, including:

- a) a **3-year rolling average** (arithmetic or geometric) **on the FISS O32 WPUE** used in the empirical rule in a triennial stock assessment frequency;
- b) **constraints** applied only to non-assessment years and/or applied only to assessment years;
- c) a **phase-in approach for the change in TCEY** in assessment years;
- d) **using the trends in fishery CPUE and/or FISS WPUE** to determine if a bigger reduction should be taken than suggested by the unconstrained reference TCEY to curtail further reductions in the SB.



Evaluate MP elements with three FISS designs

IPHC-2025-MSAB021-R, para 38: The MSAB REQUESTED the evaluation of some elements (e.g. SPR=43%, SPR=52%, and triennial assessment) in paras. 36 and 37 with **each of the three FISS designs.**



Examine productivity regimes

IPHC-2025-MSAB021-R, para 39: The MSAB REQUESTED conducting simulations assuming the following productivity regimes with a subset of the MPs from paras. 36 and 37 and all other sources of variability:

- a) low recruitment and low weight-at-age;
- b) low recruitment and current weight-at-age;
- c) high recruitment and low weight-at-age

IPHC-2025-MSAB021-R, para 41: The MSAB REQUESTED presenting dynamic unfished spawning biomass along with simulated spawning biomass, and **trace plots** [...] **with uncertainty for the productivity regimes** at MSAB022 for productivity regimes described in para. 39, with SPRs of 43% and 52%.

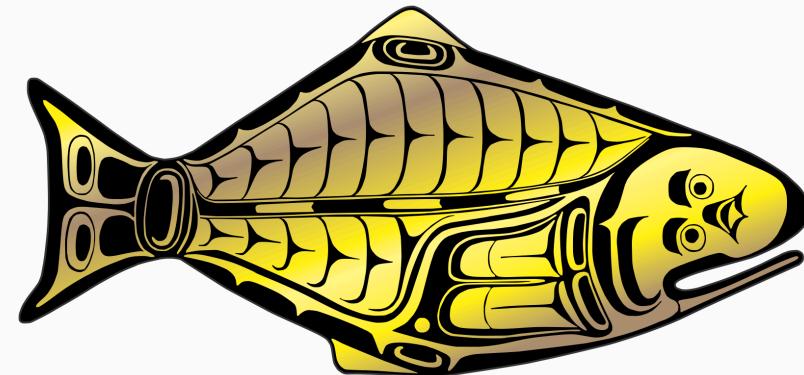


MSAB022

To be held electronically over 3 days in early or mid-May before SRB028



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