



**DRAFT ANNOUNCEMENT FOR THE IPHC MSE PEER REVIEW – EXTERNAL
EXPERT/CONSULTANT**

PREPARED BY: IPHC SECRETARIAT (30 DECEMBER 2019)

PURPOSE

To provide the Commission with the draft announcement for the IPHC MSE peer review, as requested.

BACKGROUND

At the 95th Session of the IPHC Annual Meeting (AM095) in January 2019, the Commission recommended the following:

(para. 130) The Commission RECOMMENDED that the IPHC Secretariat finalise terms of reference for a expert/consultant to undertake a peer review of the IPHC Pacific halibut MSE, for implementation in early November 2019 and July 2020. The terms of reference and budget shall be endorsed by the Commission inter-sessionally.

At the 95th Session of the IPHC Interim Meeting (IM095) in November 2019, the Commission noted the following:

(para. 74) The Commission NOTED that an independent peer review of the MSE will take place in April 2020 and August 2020 with a report supplied to the SRB017, MSAB016, and to the Commission before AM097.

DISCUSSION

The IPHC Secretariat developed the draft announcement and associated MSE peer review principal duties, scope and tasks, in conjunction with members of the SRB. The final draft is provided at [Appendix A](#) and will be published early in 2020.

RECOMMENDATION

That the Commission **NOTE** paper IPHC-2020-AM096-INF03, which provided the Commission with the requested draft announcement for the IPHC MSE peer review

APPENDICES

[Appendix A](#): IPHC MSE PEER REVIEW – EXTERNAL EXPERT/CONSULTANT



Appendix A
IPHC MSE PEER REVIEW – EXTERNAL EXPERT/CONSULTANT

DRAFT ANNOUNCEMENT

IPHC Job Reference Number 2020-xx

**Advertisement for the position of
Management Strategy Evaluation Peer Reviewer: Consultant**

The International Pacific Halibut Commission (IPHC) is seeking a qualified expert in Management Strategy Evaluation (MSE) to review and advise the development of an ongoing MSE for the Pacific halibut fishery, and act in the role of external peer reviewer. This will be a temporary contract position of approximately 24 days in duration, with travel to and accommodation in Seattle provided. The 24 days will be split into two distinct periods of activity, one in early 2020, and again in mid-2020.

The International Pacific Halibut Commission (IPHC) is currently developing a Management Strategy Evaluation (MSE) to evaluate alternative harvest policies for Pacific halibut. A Management Strategy Advisory Board (MSAB) was formed in 2013 and has been meeting twice a year since then (May and October). It is comprised of stakeholders and managers from all sectors with an interest in the directed fishery for Pacific halibut. More information and meeting materials can be found at. <https://www.iphc.int/library/documents/meeting-documents/iphc-meeting-index>.

The IPHC manages the Pacific halibut resource for the governments of Canada and the United States of America, with offices in Seattle, Washington, U.S.A.

Principal duties, scope and tasks

The consultant will be expected to spend at least one week at the IPHC offices in Seattle sometime during March or April 2020 and August 2020. The consultant will provide advice on and contribute to a subset of the following topics, both in terms of peer review and technical contribution.

- Review the goals and objectives used to evaluate management procedures
- Review the IPHC MSE closed-loop simulation framework
- Review and advise on the operating model and how it is conditioned to mimic the Pacific halibut population
- Review tools and methods used to communicate simulation results for the evaluation of management procedures.



- Evaluate the process of soliciting objectives from stakeholders and managers, and creating performance metrics from those objectives.
- Assist with developing and defining reference points and management procedures
- Advise on methods to communicate results of the simulations, the trade-offs between various management procedures, and the ranking of management procedures.

Project Deliverables

Deliverables by early October 2020 include

- A succinct written review of the IPHC MSE process, evaluating results, and any other aspects identified;
- A report summarizing contributions made by the consultant to the simulation framework and other aspects of the MSE framework

Qualifications and Experience

Education: Ph.D. degree in a relevant scientific discipline related to quantitative sciences and natural resource management. M.S. degree may be considered with exceptional experience.

Professional experience: Five or more years of experience in fisheries management strategy evaluation. Specific qualifications considered are as follows.

- Knowledge and experience with the MSE process
- Experience developing and conditioning operating models
- Proficiency in R and ADMB, and possibly C++, or other similar programming languages and applications
- Skill in writing computer programs for simulating fish populations
- Experience interacting with and soliciting objectives from fishery stakeholders and managers
- Ability to collaborate with other scientists
- Proficiency in writing scientific reports and papers
- Ability to communicate complex concepts, models, and results, especially those related to simulation, through technical reports, discussion and oral presentation