

2012 SALMON METHODOLOGY REVIEW

Each year, the Scientific and Statistical Committee (SSC) and Salmon Technical Team (STT) complete a methodology review to help assure new or significantly modified methodologies employed to estimate impacts of the Council's salmon management use the best available science. The Methodology Review is also used as a forum to review updated stock conservation objective proposals. This review is preparatory to the Council's adoption, at the November meeting, of all anticipated methodology and conservation objective changes to be implemented in the coming season, or in certain limited cases, of providing directions for handling any unresolved methodology problems prior to the formulation of salmon management options in March. Because there is insufficient time to review new or modified methods at the March meeting, the Council may reject their use if they have not been approved the preceding November.

This year the SSC and STT are expected to report on:

- Implementation and Assessment of Proposed Bias-Correction Methods for Mark-Selective Fisheries into Fishery Regulation Assessment Model (FRAM) for Coho (Agenda Item C.3.a, Attachment 1).
- Impacts of Mark-Selective Ocean Recreational Fisheries on Washington Coast Coho Stocks (Agenda Item C.3.a, Attachments 2).
- Technical Revision to the Oregon Coastal Natural (OCN) Coho Work Group Harvest Matrix (Agenda Item C.3.a, Attachment 3).
- Comparison of Two Methods for Estimating Coho Salmon Encounters and Release Mortalities in the Ocean Mark-selective Fishery (Agenda Item C.3.a, Attachment 4).
- Review of Modifications to Chinook FRAM Size Limit Algorithms Implemented to Allow Evaluation of Size Limit Changes (Agenda Item C.3.a, Attachment 5).

Council Action:

- 1. Approve new and modified methodologies as appropriate for implementation in the 2013 salmon season.**
- 2. Provide guidance, as needed, for any unresolved methodology issues.**

Reference Materials:

1. Agenda Item C.3.a, Attachment 1: Implementation and Assessment of Proposed Bias-Correction Methods for Mark-Selective Fisheries into Fishery Regulation Assessment Model (FRAM) for Coho.
2. Agenda Item C.3.a, Attachment 2: Impacts of Mark-Selective Ocean Recreational Fisheries on Washington Coast Coho Stocks.
3. Agenda Item C.3.a, Attachment 3: Technical Revision to the Oregon Coastal Natural (OCN) Coho Work Group Harvest Matrix.
4. Agenda Item C.3.a, Attachment 4: Comparison of Two Methods for Estimating Coho Salmon Encounters and Release Mortalities in the Ocean Mark-selective Fishery.

5. Agenda Item C.3.a, Attachment 5: Review of Modifications to Chinook FRAM Size Limit Algorithms Implemented to Allow Evaluation of Size Limit Changes.
6. Agenda Item C.3.b, STT Report.
7. Agenda Item C.3.b, Supplemental SSC Report.

Agenda Order:

- a. Agenda Item Overview
- b. Reports and Comments of Advisory Bodies and Management Entities
- c. Public Comment
- d. **Council Action:** Adopt Final Methodology Changes for 2013

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PFMC
10/16/12