

SCIENTIFIC AND STATISTICAL COMMITTEE REPORT ON
SALMON METHODOLOGY REVIEW PRELIMINARY TOPIC SELECTION

The Scientific and Statistical Committee (SSC) met with the Salmon Technical Team (STT) represented by Dr. Michael O'Farrell (Southwest Fisheries Science Center) to discuss possible methodology review topics for 2019.

The SSC reiterates its annual request for documentation of the Fisheries Regulation Assessment Model (FRAM). The most recent FRAM documentation published on the Council website is dated October 2008. The Model Evaluation Workgroup (MEW) plans to update the FRAM documentation to reflect changes that have been incorporated into the model.

Items for possible review are listed below with the responsible party listed in parentheses:

1. FRAM documentation including FRAM algorithms and a user's manual. (MEW)
2. Evaluation of FRAM performance. This may include description of methods currently used to assess FRAM performance and proposals for how to compare pre-season forecasts to outcomes. (MEW)
3. Technical analysis to inform a change of the salmon management boundary line from 40° 05' N. latitude (Horse Mt.) five miles north to 40° 10' N. latitude. (STT)
4. Willapa Bay coho forecast. The SSC is tasked with endorsing acceptable biological catch (ABC) and overfishing limit (OFL) values for Willapa Bay coho. The SSC has reviewed F_{MSY} and S_{MSY} reference points for these stocks, but the SSC has not reviewed the forecast methods that are also part of determining the ABC/OFL. (STT)

It may also be necessary to review the Upper Columbia River Summer Chinook exploitation rate. However, the MEW and Council staff should determine whether this issue requires a change in methodology or is a data error that can be corrected without review (MEW and Council staff).

PFMC
04/12/19