

SALMON TECHNICAL TEAM REPORT ON
SALMON METHODOLOGY REVIEW – FINAL TOPIC SELECTION

At the April 2018 Pacific Fishery Management Council (Council) meeting, three topics were selected as candidates for Methodology Review. They included: (1) complete the documentation of the development of the new Chinook Fishery Regulation Assessment Model (FRAM) base period including algorithms, and review and update the FRAM documentation and User Manual that is currently on the Council website; (2) evaluate postseason metrics of model performance for FRAM; and (3) conduct the technical analysis needed to inform a change of the salmon management boundary line from latitude 40°05' (Horse Mt.) five miles north to latitude 40°10'.

The Salmon Technical Team (STT), Salmon Advisory Subpanel (SAS), and Model Evaluation Workgroup (MEW) held a joint webinar on August 22, 2018 to discuss these Methodology Review topics, as well as progress on the salmon rebuilding plans and other salmon-related business on the agenda of the Council's September meeting.

With regard to the Methodology Review, Mr. Jon Carey (MEW/STT) briefed the group on progress made in documenting the development of the new Chinook FRAM base period, and updating the User Manual as needed. This continues to be a work in progress, and will not be finished in time for the Methodology Review in October 2018, as updates and improvements to the new base period are currently ongoing and of high priority. Mr. Carey also indicated that it is unlikely that an evaluation of FRAM performance relative to postseason metrics would be ready for the Methodology Review this year, as there currently are no years where both pre- and post-season model runs exist using the new base period.

On the same webinar, Dr. Michael O'Farrell briefed the group on progress toward developing the technical analysis needed to inform a change of the salmon management boundary line from latitude 40°05' (Horse Mt.) five miles north to latitude 40°10'. This is the boundary separating the California Klamath Management Zone (KMZ) and the Fort Bragg management area. Because of workload issues associated with the development of salmon rebuilding plans, sufficient progress has not been made on this topic and thus it will not be ready for Methodology review this year.

PFMC
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