# SALMON ADVISORY SUBPANEL REPORT ON SACRAMENTO RIVER FALL CHINOOK SPAWNER ABUNDANCE AT MAXIMUM SUSTAINABILE YIELD ($S_{MSY}$): PEER REVIEW RESULTS AND NEXT STEPS

The Salmon Advisory Subpanel (SAS) received a presentation from Dr. Scott Rumsey, Dr. Thomas Buehrens, and Dr. Tim Copeland on the outcomes of the Sacramento River fall Chinook (SRFC) $S_{MSY}$ Peer Review Panel. The SAS thanks the presenters and the entire Panel for their thorough review and clear explanation of the Panel's conclusions.

The SAS discussed the Panel's future near- and long-term recommendations and looks forward to further providing input on potential interim and proxy management approaches.

In particular, of the potential approaches listed by the Panel the SAS is interested in reviewing additional analysis on the model averaging, unweighted averaging approach and approach that utilizes the current conservation objective range. Model averaging is already used for other Pacific salmon stocks, and the current conservation objective range is familiar to the fishing industry and falls within the range of $S_{MSY}$ estimates produced by the four datasets reviewed by the Panel. The SAS sees value in further exploring these approaches because they could provide consistency and stability for the fishery while more years of data are collected and incorporated into the cohort reconstruction, which the SAS agrees is the preferred long-term approach.

PFMC
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