

CHINOOK FISHERY REGULATION ASSESSMENT MODEL (FRAM)
CO-MANAGER UPDATE

There has been considerable work done in recent years to update the base period in the Chinook Fishery Regulation Evaluation Model (FRAM) for use in Council management. The Council and the Federal, State, and Tribal Comanagers of our salmon resources north of Cape Falcon, Oregon have worked on and reviewed several stages of this large task.

During the 2015 methodology review, the Council and its advisory groups reviewed work done on the new base period for the Chinook FRAM and focused on new algorithms in the model that address growth and sublegal encounters. Following the recommendation of the Salmon Technical Team (STT) and the Scientific and Statistical Committee (SSC), the Council adopted the two model algorithm changes for use once the new base period goes into effect. The Council did not approve other updates to the Chinook FRAM that result in moving to a new base period. The supporting datasets for the new base period were not complete in time for the November Council meeting. It was anticipated that this work and the validation and review of the new base period would occur over the winter and that the Comanagers would update the Council on their progress and findings by letter on or before February 1, 2016.

In a letter dated January 19, 2016, the comanagers (Agenda Item E.3, Attachment 1) informed the Council and the National Marine Fisheries Service (NMFS), that “while substantial progress has been made, work remains to be done prior to completion and implementation of the new model base period.” It is not expected that the remaining work on the new base period will be completed in time for use in 2016 and work is anticipated to continue for potential application of the new base period for use in 2017 fishery management.

The Council is scheduled to receive an update from the Comanagers at the March Council meeting. In the absence of a new base period, it is anticipated that the existing base period would be used for 2016 salmon fishery management. The two new algorithms approved by the Council in November are incompatible with the existing base period. Therefore, as stated in the Council’s November 2015 motion, it is not expected that the new algorithms can be employed until the new base period work is completed and approved for implementation. The Council will consider the reports of the Comanagers, the Council advisory groups, and the public before recommending the most appropriate Chinook FRAM methodology for use in analyzing the 2016 salmon fishery alternatives.

Council Task:

- 1. Consider the Comanager update on the new Chinook FRAM base period.**
- 2. Consider revisions to Chinook FRAM methodology for analyzing 2016 salmon fisheries.**

Reference Materials:

1. Agenda Item E.3, Attachment 1: January 19, 2016 letter from the Comanagers to Dr. McIsaac and Mr. Turner regarding the Chinook FRAM base period.

Agenda Order:

E.3 Chinook Fishery Regulation Assessment Model (FRAM)

Co-manager Update

Mike Burner

- a. Reports and Comments of Advisory Bodies and Management Entities
- b. Public Comment
- c. **Council Action:** Consider Revisions to Chinook FRAM Methodology for Analyzing 2016 Salmon Fisheries

PFMC

02/11/16