

## REVIEW OF 2017 FISHERIES AND SUMMARY OF 2018 STOCK ABUNDANCE FORECASTS

Each year, the Council reviews the Stock Assessment and Fisheries Evaluation (SAFE) document (Review of Ocean Salmon Fisheries) and stock abundance projections (Preseason Report I). Stock status for non-Endangered Species Act (ESA)-listed and non-hatchery stocks are evaluated in the SAFE document relative to status determination criteria (SDC) for overfishing, overfished, not overfished/rebuilding, and rebuilt. These stocks are initially evaluated relative to SDC in the Preseason Report I for being at risk of approaching an overfished condition based on current forecasts and last year's preseason fishery structure. The evaluation is updated in Preseason Report III once the upcoming salmon seasons are determined.

Three stocks are required to have annual catch limits (ACLs) specified – the Sacramento River fall Chinook (indicator stock for the Central Valley fall Chinook complex), Klamath River fall Chinook (indicator stock for the Southern Oregon/Northern California Chinook complex), and Willapa Bay natural coho. The ACLs are equivalent to acceptable biological catch (ABC), and are specified based on formulas described in the Salmon Fishery Management Plan (FMP) (Agenda Item E.2, Attachment 1) and the abundance forecasts in Preseason Report I.

Preseason Report I also contains an analysis of 2017 regulations on projected 2018 abundance for coho and some Chinook stocks. This analysis is intended to provide perspective for how fisheries might need to be modified in 2018 to accommodate the new abundance forecasts.

The Salmon Technical Team (STT) will review the results of the SAFE document for 2017, the stock abundance projections and ACLs for 2018, and stock status determinations.

The Scientific and Statistical Committee (SSC) will review the forecasts and recommend approval for using them in modeling 2018 ocean salmon fisheries, specifying ABCs, and setting ACLs.

### **Council Action:**

- 1. Adopt 2018 stock abundance forecasts, ABCs, and ACLs.**
- 2. Take action relative to stock status determinations as necessary.**

### **Reference Materials:**

1. Review of 2017 Ocean Salmon Fisheries (**Electronic Only**).
2. Agenda Item E.2, Attachment 1: Excerpts from Chapter 3 of the Pacific Coast Salmon Fishery Management Plan.
3. *Supplemental Preseason Report I: Stock Abundance Analysis and Environmental Assessment Part 1 for 2018 Ocean Salmon Fishery Regulations (**Electronic Only**)*.

Agenda Order:

- E.2 Review of 2017 Fisheries and Summary of 2018 Stock Forecasts Robin Ehlke
- a. Reports and Comments of Management Entities and Advisory Bodies
  - b. Public Comment
  - c. **Council Action:** Review and Discuss Relevant Fishery Information, Adopt 2018 Abundance Forecasts and Annual Catch Limits, and Act on Relevant Conservation Objectives or Status Determinations, as Necessary

PFMC  
02/09/18