

REVIEW OF 2022 FISHERIES AND SUMMARY OF 2023 STOCK FORECASTS

Each year, the Pacific Fishery Management Council (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-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 Pacific Salmon Fishery Management Plan (Agenda Item D.2, Attachment 1) and the abundance forecasts in Preseason Report I.

Preseason Report I also contains an analysis of 2022 regulations on projected 2023 abundance for coho and some Chinook stocks. This analysis is intended to provide perspective for how fisheries might need to be modified in 2023 to accommodate the new abundance forecasts.

The Salmon Technical Team will review the results of the SAFE document for 2022, the stock abundance projections and ACLs for 2023, and stock status determinations.

The Scientific and Statistical Committee will review the forecasts for stocks that are required to have ACLs specified and determine if the forecasts represent the best scientific information available for use in modeling 2023 ocean salmon fisheries, specifying ABCs, and setting ACLs.

Council Action:

- 1. Adopt 2023 stock abundance forecasts, ABCs, and ACLs.**
- 2. Take action relative to stock status determinations as necessary.**

Reference Materials:

1. Agenda Item D.2, Attachment 1: Excerpts from Chapter 3 of the Pacific Coast Salmon Fishery Management Plan
2. *Supplemental Review of 2022 Ocean Salmon Fisheries: Stock Assessment and Fishery Evaluation Document for the Pacific Coast Salmon Fishery Management Plan (Electronic Only).*
3. *Supplemental Preseason Report I: Stock Abundance Analysis and Environmental Assessment Part 1 for 2023 Ocean Salmon Fishery Regulations (Electronic Only).*
4. If received, Public Comments are electronic only – (see [e-portal](#)).

Agenda Order:

- D.2 Review of 2022 Fisheries and Summary of 2022 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 2023 Abundance Forecasts and Annual Catch Limits, and Act on Relevant Conservation Objectives or Status Determinations, as Necessary

PFMC
02/02/23