

## SALMON TECHNICAL TEAM REPORT ON REVIEW OF REBUILDING PLANS

Five salmon stocks, including two Chinook and three coho, were declared overfished by National Marine Fisheries Service in June 2018 and draft rebuilding plans were submitted for Council consideration at the November 2018 Council meeting. At that meeting, the Council provided direction to the Salmon Technical Team (STT), co-managers, and collaborators for further development of the rebuilding plans. Also at that meeting, members of the STT met with the Scientific and Statistical Committee (SSC) who reviewed aspects of the draft plans and submitted suggested revisions to the analyses in a statement (Agenda Item D.2.a, Supplemental SSC Report 1).

Here at the March 2019 Council meeting, updated draft rebuilding plans have been submitted for Council consideration. Below we summarize the changes to these plans that have been made since November 2018.

### Chinook

For both the Sacramento River fall Chinook (SRFC) and Klamath River fall Chinook (KRFC) draft rebuilding plans, model results pertaining to rebuilding times for each of the management strategy alternatives have been removed. The STT has been working to address SSC recommendations to the rebuilding time modeling approach, though updated results were not available in time for this meeting. The economic impacts associated with the Alternatives have been removed as well, as they are dependent on the rebuilding time projections.

Several additions have been made to the draft SRFC rebuilding plan. Additions include new content regarding hatchery release practices for the broods contributing to the overfished status, hatchery-origin contributions to in-river harvest and escapement, additional information on the river recreational fishery, a new early marine survival index, and additional information regarding ocean conditions.

The draft KRFC rebuilding plan has only minor changes, aside from the removal of the rebuilding time and economic impact analyses.

### Coho

The draft rebuilding plans for Queets, Snohomish, and Strait of Juan de Fuca natural coho have benefitted from additional state and tribal co-manager involvement. For each of the coho plans, management strategy Alternative III (no fishing) has been removed and Alternative II has been modified. Additional co-manager recommendations have been added to all three plans. There have been updates to the marine conditions sections for each of the plans and recent year freshwater conditions have been included where available. There have also been updates to the harvest sections for each plan, including post-season estimates of harvest impacts.

As with the draft Chinook rebuilding plans, the rebuilding time and economic impact analyses have been omitted in the current drafts.

### Future Work

The STT anticipates the modeling and economic impact analyses will be completed in time for the April 2019 Council meeting. If this occurs, and the SSC approves the new analysis, then the Council may consider adopting the Chinook rebuilding plans as drafts for public review at the April 2019 Council meeting and consider final adoption in June 2019. A reasonable scenario for

the coho plans could include the coho plans being adopted by the Council as drafts for public review in June 2019 and considered for final adoption in September 2019.

The following table outlines a potential schedule for continued work on the rebuilding plans.

<b>2019 STT Extended Schedule for Developing Salmon Rebuilding Plans (Feb - Sept)</b>		
<b>Date</b>	<b>Task</b>	<b>Comments</b>
<b>Feb 7</b>	Submit for March Council Meeting	March advanced briefing book deadline
<b>Mar 8</b>	Council reviews draft plans	Agenda Item D.2; Council will consider the revised drafts and provide guidance
<b>Mar 11</b>	Due - Drafts from managers to STT	
<b>Mar 12</b>	Due - Drafts from STT to PFMC	
<b>Mar 15</b>	Submit for April Council Meeting	April advanced briefing book deadline
<b>Mar 27</b>	SSC begins review of the proposed model to evaluate rebuilding plan alternatives	Two-week advance deadline for April mtg; coho co-managers will also evaluate the model respective to the coho rebuilding plans
<b>Apr 13</b>	Council considers draft plans	Council will consider the SSC report on the proposed model; and may adopt the Chinook rebuilding plans for public review
<b>April 22</b>	STT/managers work on plans	Based on Council direction and SSC input provided at April Mtg
<b>May 20</b>	Due - Drafts from managers to STT	
<b>May 21</b>	Due - Drafts from STT to PFMC	
<b>May 23</b>	Submit for June Council Meeting	June advanced briefing book deadline
<b>June 18-25</b>	June Council Meeting (San Diego)	Council adopts final Chinook rebuilding plans (tentative action); and adopts coho rebuilding plans for public review
<b>Jun 26</b>	STT/Co-managers work on plans	Based on Council direction provided at June Mtg
<b>Aug 12</b>	Due - Final drafts from managers to STT	
<b>Aug 13</b>	Due - Final drafts from STT to PFMC	
<b>Aug 15</b>	Submit for Sept Council Meeting	Sept. advanced briefing book deadline
<b>Sep 11-18</b>	Sept. Council Meeting (Boise)	Council adopts final coho rebuilding plans
<b>Sep 18</b>	Rebuilding plans are sent to NMFS	Sept. 18 is the due date to send the Chinook and coho rebuilding plans; no extensions

PFMC  
03/08/19\*