SALMON TECHNICAL TEAM REPORT 2
SOUTHERN RESIDENT KILLER WHALES PRIORITY PREY STOCKS
WITH MODEL REPRESENTATION

At the March 2019 Council meeting, The National Marine Fisheries Service (NMFS) announced plans to re-initiate Endangered Species Act consultation on the effects of Council-area fisheries on Southern Resident Killer Whales (SRKW). The Council then directed the Salmon Technical Team (STT) to examine a draft list of SRKW priority Chinook salmon prey stock and identify the stocks that are represented in models used annually in the ocean salmon fishery planning process. In response the STT created a table identifying models that include priority prey stocks, as well as the stocks with no model representation. This table (Table 1) is appended to this statement.

PFMC
03/12/19
Table 1. NMFS' draft list of priority prey Chinook stocks for SRKW aligned with PFMC Chinook stocks with model representation (Page 1 of 2).

<table>
<thead>
<tr>
<th>Priority Chinook Stock Group</th>
<th>Model</th>
<th>Model Stocks</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern Puget Sound Fall</td>
<td>FRAM</td>
<td>Nooksack/Samish Fall</td>
<td>Includes production from the Dungeness and Elwha systems</td>
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<td></td>
<td></td>
<td>Skagit Summer/Fall Fingerling</td>
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<td></td>
<td></td>
<td>Skagit Summer/Fall Yearling</td>
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<td></td>
<td></td>
<td>Snohomish Fall Fingerling</td>
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<td></td>
<td></td>
<td>Snohomish Fall Yearling</td>
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<td></td>
<td></td>
<td>Stillaguamish Fall Fingerling</td>
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<td></td>
<td>Tulalip Fall Fingerling</td>
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<td></td>
<td></td>
<td>Strait of Juan de Fuca Tributaries</td>
<td>Includes production from the Dungeness and Elwha systems</td>
</tr>
<tr>
<td>Southern Puget Sound Fall</td>
<td>FRAM</td>
<td>Mid PS Fall Fingerling</td>
<td>Includes production from Lake Washington, Green/Duwamish, Puyallup, Grovers, and Gorst systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td>South Puget Sound Fall Fingerling</td>
<td>Includes production from Nisqually, Minter, Chambers, and Deschutes systems</td>
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<tr>
<td></td>
<td></td>
<td>South Puget Sound Fall Yearling</td>
<td>Includes yearling Hatchery production from Icy Creek Hatchery</td>
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<td></td>
<td></td>
<td>Hood Canal Fall Fingerling</td>
<td>Includes production from Skokomish, Hoodsport, and other miscellaneous Hood Canal systems</td>
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<tr>
<td></td>
<td></td>
<td>Hood Canal Fall Yearling</td>
<td>Includes yearling hatchery production from Hoodsport Hatchery</td>
</tr>
<tr>
<td>Lower Columbia Fall</td>
<td>FRAM</td>
<td>Columbia River Oregon Hatchery Tule</td>
<td>Lower River Hatchery stocks originating from Oregon</td>
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<tr>
<td></td>
<td></td>
<td>Columbia River Washington Hatchery Tule</td>
<td>Lower River Hatchery stocks originating from Washington</td>
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<td></td>
<td>Lower Columbia River Wild</td>
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<td></td>
<td></td>
<td>Columbia River Bonneville Pool Hatchery</td>
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<td></td>
<td></td>
<td>Lower Columbia Natural Tule</td>
<td></td>
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<tr>
<td>Strait of Georgia Fall</td>
<td>FRAM</td>
<td>Fraser River Late</td>
<td>Includes fall Chinook production from lower Fraser River tributaries</td>
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<tr>
<td></td>
<td></td>
<td>Lower Georgia Strait</td>
<td>Includes fall Chinook production from Lower Georgia Strait tributaries</td>
</tr>
<tr>
<td>Upper Columbia/Snake Fall &amp; Middle Columbia Fall</td>
<td>FRAM</td>
<td>Columbia R Upriver Bright</td>
<td>Includes Mid-Columbia Brights &amp; Lower River Brights</td>
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<tr>
<td></td>
<td></td>
<td>Snake River Fall</td>
<td></td>
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<tr>
<td>Fraser Spring &amp; Fraser Summer</td>
<td>FRAM</td>
<td>Fraser River Early</td>
<td>Includes Spring 1.3, Spring 1.2, Summer 0.3, and Summer1.3</td>
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<tr>
<td>Lower Columbia Spring</td>
<td>FRAM</td>
<td>Cowlitz River Spring</td>
<td>Includes spring Chinook production from Cowlitz, Kalama, and Lewis systems</td>
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<tr>
<td>Snake River Spring-Summer</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Northern Puget Sound Spring</td>
<td>FRAM</td>
<td>North Fork Nooksack Spring</td>
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<tr>
<td></td>
<td></td>
<td>South Fork Nooksack Spring</td>
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<td></td>
<td></td>
<td>Skagit Spring</td>
<td></td>
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<tr>
<td>Washington Coast Spring</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
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<tr>
<td>Priority Chinook Stock Group</td>
<td>Model</td>
<td>Model Stocks</td>
<td>Comment</td>
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<tr>
<td>Washington Coast Fall</td>
<td>FRAM</td>
<td>Washington North Coast Fall</td>
<td>Includes fall Chinook production from the Quillayute, Hoh, Queets, Quinault, and Grays Harbor systems</td>
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<tr>
<td>Central Valley Spring</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
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<tr>
<td>Middle &amp; Upper Columbia Spring</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
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<tr>
<td>Middle &amp; Upper Columbia Summer</td>
<td>FRAM</td>
<td>Columbia River Upriver Summer</td>
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<tr>
<td>Central Valley Fall and Late Fall</td>
<td>SHM</td>
<td>Sacramento Fall</td>
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<tr>
<td>Klamath River Fall</td>
<td>KOHM</td>
<td>Klamath River Fall</td>
<td></td>
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<tr>
<td>Klamath River Spring</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
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<tr>
<td>Upper Willamette Spring</td>
<td>FRAM</td>
<td>Willamette River Spring</td>
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<tr>
<td>Southern Puget Sound Spring</td>
<td>FRAM</td>
<td>White River Spring Fing</td>
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<td>White River Spring Year</td>
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<tr>
<td>Central Valley Winter</td>
<td>WRHM</td>
<td>Central Valley Winter</td>
<td></td>
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<tr>
<td>North &amp; Central Oregon Coast Fall</td>
<td>FRAM</td>
<td>North Oregon Coast Fall</td>
<td>Includes Oregon coastal fall Chinook production from the Necanicum in the north to the Siuslaw in the south</td>
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<tr>
<td></td>
<td></td>
<td>Mid Oregon Coast Fall</td>
<td>Includes Oregon coastal fall Chinook production from the Umpqua in the North to the Elk in the south</td>
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<tr>
<td>West Coast Vancouver Island Fall</td>
<td>FRAM</td>
<td>West Coast Vancouver Island Fall</td>
<td></td>
</tr>
<tr>
<td>Southern Oregon &amp; Northern California Coastal Fall</td>
<td>No Model Representation</td>
<td>NA</td>
<td></td>
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<tr>
<td>Southern Oregon &amp; Northern California Coastal Spring</td>
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<tr>
<td>California Coastal Fall</td>
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<tr>
<td>California Coastal Spring</td>
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<tr>
<td>Southeastern Alaska Spring</td>
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<td>Northern BC Spring</td>
<td>No Model Representation</td>
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<tr>
<td>Central BC mostly Summer</td>
<td>No Model Representation</td>
<td>NA</td>
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