

**Directions for Updating Fish Distribution information in ARIMS for
Commenting to NOAA Fisheries**

1. District Office fisheries biologists review data in ARIMS on Fish Distribution for each watershed that came from their data developed in the Hydro Update watershed processing. The ARIMS training materials are on the GIS website to review querying if a brush-up is needed.
2. Update in ARIMS the fish distribution reaches to accommodate all data collected on each watershed after it was processed by the district in the Hydro Update Project.
3. Compare this information with the draft critical habitat designations provide by NOAA Fisheries. The State Office is facilitating obtaining this information spatially for use in GIS.
4. Where there are differences between the BLM data and the NOAA Fisheries data, create in ARIMS a “NOAA Fish Critical Habitat Comment Reach - Presence Verified” or a “NOAA Fish Critical Habitat Comment Reach – Absence Verified”.
5. The State Office will develop a coverage for the BLM Streams and send that to NOAA Fisheries as part of the comments on the draft critical habitat designation.

This process of creating a separate comment reach is necessary for two reasons. NOAA is using as source material 1:100,000 streams plus some points from 1:24,000 streams, and we use 1:24,000 streams. This difference in underlying linework could create false differences if we were to just send them the results of a query against their draft critical habitat and ARIMS Fish Presence reaches. The other reason is that some districts have indicated that the timeframe left in this FY will not allow them to enter all of their updates from the data they previously had in the Hydro Update process. A less than district-wide approach to updating from local data coverages or field notes could also create false differences with the NOAA reaches, which are based on ODFW data.

The ARIMS application will soon include the following reach types and list of values to support this effort.

Level One	Level Two	Level Three	Level Four
NOAA Fish Critical Habitat Comments	Presence Verified		Species Code
NOAA Fish Critical Habitat Comments	Absence Verified		Species Code

The species code picklist will include the following choices to accommodate the 10 ESUs:

Sp_com_name_id	Sp_description
161980/H	Lower Columbia River Chinook Salmon
161980/A	Upper Willamette River Chinook Salmon
161980/C	Upper Columbia River Spring Chinook Salmon
161980/J	Upper Columbia Summer/Fall Chinook Salmon
161977/C	Oregon Coastal Coho Salmon
161976/C	Columbia River Chum Salmon
553418/D	Upper Columbia River Steelhead Trout
553418/C	Snake River Basin Steelhead Trout
553422/E	Lower Columbia River Steelhead Trout
553422/B	Upper Willamette River Steelhead Trout
553418/B	Middle Columbia River Steelhead Trout