

**Fiscal Year 2018 Performance Report
for the
Cooperative Agreement
between the
US Fish and Wildlife Service and
the Pacific States Marine Fisheries Commission**

**Recipient: Pacific States Marine Fisheries Commission
FWS Agreement Number: F16AC00045 Mod-3
Reporting Period: October 1, 2017-September 30, 2018**

Specific Objectives:

Pacific States Marine Fisheries Commission (PSMFC) staff will assist Idaho Department of Fish and Game (IDFG) staff in addressing objectives outlined in the 2017 Cooperative Agreement (F16AC00027 Mod-1) between the US Fish and Wildlife Service (USFWS) and the IDFG. A performance report addressing the status of the specified tasks in the Cooperative Agreement will be submitted to the USFWS Lower Snake River Compensation Plan office in Boise, ID by December 31, 2018.

In addition to tasks specified in the 2018 Cooperative Agreement between the USFWS and IDFG mentioned above, the following tasks will be completed by PSMFC staff:

Objective 1. Assist IDFG staff in estimating the age composition of natural-origin Chinook salmon and steelhead at Lower Granite Dam.

Task 1.1 Mount, read and determine the age of natural-origin spring/summer Chinook salmon and steelhead scales collected in fall of 2017 and the spring/summer of 2018.

During the spawn year 2018 sampling at Lower Granite dam, 2,964 unclipped steelhead were sampled and 2,601 scale samples were analyzed.

In addition, 2,269 unclipped Chinook scale samples were collected and 1,769 scale samples were analyzed.

Task 1.2 Validate the accuracy of the scale aging technique by using known age fish from PIT tagged Chinook and steelhead.

Readers accurately determined the ocean age of 96.1% (50 of 52) of the scale samples from known ocean-age PIT-tagged wild steelhead.

Readers accurately determined the ocean age of 94.5% (35 of 37) of the scale samples from known ocean-age PIT-tagged wild Chinook.