

**Fiscal Year 2012 Performance Report
for the
Cooperative Agreement
between the
US Fish and Wildlife Service,
the Pacific States Marine Fisheries Commission**

**Recipient: Pacific States Marine Fisheries Commission
FWS Agreement No.: F12AC00087 PSMFC IDFG 15.661
Reporting Period: October 1, 2011-Sep 30, 2012**

Specific Objectives:

Pacific States Marine Fisheries Commission (PSMFC) staff assisted Idaho Department of Fish and Game (IDFG) staff in addressing objectives outlined in the 2012 Cooperative Agreement between the US Fish and Wildlife Service (USFWS) and the IDFG (Agreement No.:F12AC00094) . A performance report addressing the status of the specified tasks in the Cooperative Agreement was submitted to the USFWS Lower Snake River Compensation Plan office in Boise, ID on December 28, 2012.

In addition to tasks specified in the 2012 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 2011 and the spring/summer of 2012.

During the spawn year 2012 sampling at Lower Granite dam, 4,406 unmarked/untagged steelhead were sampled and 1,975 scale sample were analyzed.

In addition, 2,344 natural Chinook scale samples were collected and analyzed.

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

*Accuracy of steelhead scale aging was 97.6% (82 of 84)
Accuracy of Chinook scale aging was 98.7% (76 of 77)*