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Salmon Age, Sex, and Length Catalog for the Kuskokwim Area, 2009

Final Report for Project 07-303
USFWS Office of Subsistence Management
Fisheries Resource Monitoring Program

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ABSTRACT

The Kuskokwim Area has the largest subsistence Chinook salmon fishery in Alaska, and sustains healthy stocks of sockeye, chum, and coho salmon harvested in local commercial and subsistence fisheries. To support these fisheries, numerous projects have been funded through the U.S. Fish and Wildlife Service, Office of Subsistence Management to monitor Pacific salmon *Oncorhynchus* spp. escapements and subsistence harvest in the region. These projects include the collection of samples that are used to estimate the age, sex, and length (ASL) composition of salmon escapement and subsistence and commercial harvests. *Kuskokwim Salmon Age-Sex-Length Assessment* project (FIS 07-303) provides the support required to process these ASL samples and compile the information into summary tables of use to managers, contributing project leaders, and other interested parties. The annual product of this project is *The Salmon Age-Sex-Length Catalog for the Kuskokwim Area*. This catalog is published in 2 parts, including this narrative, published on the web and in hardcopy, and a series of historical ASL summary tables (Appendices A through H), published only on the web. Both of these products can be found online at: <http://www.sf.adfg.state.ak.us/FedAidPDFs/RIR.3A.2010.05Appendices.pdf>

Key words: age-sex-length, ASL, Pacific salmon, *Oncorhynchus* spp., Kuskokwim River, age class composition, sex composition, length composition.

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