



COOPERATIVE AGREEMENT WITH THE NORTHWEST INDIAN FISHERIES COMMISSION

Agreement No. CA 13-192

This Agreement is by and between the Northwest Indian Fisheries Commission (NWIFC) and the Washington State Department of Natural Resources, (DNR).

DNR enters this agreement in accordance with RCW 79.10.130 (2009).

The Northwest Indian Fisheries Commission is a Native American tribally designated organization that engages in activities that, among other things, provides educational and scientific benefits.

The purpose of this Agreement is to enhance multiple uses of public lands by providing scientific data on tribal harvest and fishing activity to inform and advance marine spatial planning efforts on the Washington coast.

Attachment A

STATEMENT OF WORK

Scope of Work

Staff from Northwest Indian Fisheries Commission will develop and provide GIS data layers and shape files for the commercial harvest, intertidal fishing and gathering areas, and cultural sites for the Hoh, Quileute, and Makah Tribes and the Quinault Indian Nation (herein, the four Coastal Treaty Tribes).

Task 1. Collecting, analyzing, and mapping tribal commercial finfish, shellfish and groundfish harvest data

For each of the four Coastal Treaty Tribes, interviews will be conducted of tribal fishers and fishery staff to compile spatial and temporal information regarding commercial harvest activity. This information will be utilized to provide further spatial and temporal definition to existing catch data. The project will focus on the commercial catch of Dungeness crab (*Metacarcinus magister*), Pacific halibut (*Hippoglossus stenolepis*), whiting (*Merluccius productus*), sablefish (*Anoplopoma fimbria*), rockfish (*Sebastes* complex), steelhead (*Salmo gairdneri*) and salmon (*Oncorhynchus tshawytscha*; *Oncorhynchus kisutch*; *Oncorhynchus keta*; *Oncorhynchus gorbuscha*; and *Oncorhynchus nerka*).

Method: Commercial catch for each of the four Coastal Treaty Tribes will be compiled from the Washington Department of Fish and Wildlife's LIFT and Northwest Indian Fisheries Commission's TOCAS fish ticket data bases. Technical staff will compile annual harvest data and collate it by species, gear type, management area, statistical week, and catch. Survey staff will systematically sample tribal fishers to compile spatial and temporal information on their fishing location by gear type and management area. All of this data and information then will be converted by tribal GIS staff into GIS data layers and shape files by species and gear type at the conclusion of the project.

Staff from DNR will be responsible to provide the required parameters for the GIS data layers and shape files to be delivered at the conclusion of the project.

Deliverable: GIS data layers and shape files of the four Coastal Tribes' tribal commercial catch for the years 1980 through 2011 of Dungeness crab, pacific halibut, whiting, sablefish, rockfish, steelhead and salmon.

Due date: June 30, 2013.

Task 2. Defining and mapping tribal traditional fishing and cultural areas

For each of the four Coastal Treaty Tribes, interviews will be conducted of tribal fishers, elders, and cultural staff to compile spatial and temporal information regarding traditional fishing and cultural sites. This survey information will serve as the basis for delineating intertidal gathering

locations and cultural sites. The project will also focus on compiling a list of species of finfish, shellfish, and plants gathered in the intertidal areas.

Method: For each of the four Coastal Treaty Tribes, survey staff will conduct a stratified random sample of tribal fishers and elders to compile spatial and temporal information on their fishing and gathering activities along the shoreline and intertidal areas. Information will be compiled on the fish, shellfish and plants utilized. Interviews will also be conducted with cultural staff to identify cultural sites and area of special significances. Scientific staff will identify by genus and species the finfish, shellfish, and plants gathered in intertidal areas. This data and information then will be converted by tribal GIS staff into GIS data layers and shape files at the conclusion of the project. Best practices for boundary making as defined by the Federal Geographic Data Committee will be followed in delineating these harvesting and cultural areas.

Staff from DNR will be responsible to provide the required parameters for the GIS data layers and shape files to be delivered at the conclusion of the project.

Deliverable: GIS data layers and shape files of the four Coastal Tribes' traditional fishing and cultural areas along the outer coastal line of the Olympic Peninsula.

Due date: June 30, 2013.