



Electronic Monitoring Footage of Pot Cod Fishermen, Alaska | Credit: Saltwater, Inc.

paper-based fish tickets to electronic fish ticket reporting in all fisheries under the Northwest Indian Fisheries Commission jurisdiction. Project will outfit over 200 fish dealers and 800 seafood buyers with electronic reporting capabilities, while providing trainings to ensure faster and more accurate reporting.

8) Expand Electronic Fishing Logbooks for Commercial Passenger Fishing Vessels in Southern California

Grantee: Sportfishing Association of California
NFWF Award Amount: \$50,678
Matching Funds: \$50,679
Total Project: \$101,357

Implement electronic logbook reporting among the entire recreational commercial passenger fishing vessel fleet in Southern California. Project will build on previous efforts - that successfully equipped over 150 vessels - by distributing an additional 40 electronic logbook tablets and providing extensive trainings to achieve complete electronic reporting coverage among the fleet.

WESTERN PACIFIC

9) Develop Low-Cost Electronic Catch and Bycatch Monitoring System in Small-Scale Fisheries (HI)

Grantee: Gettysburg College
NFWF Award Amount: \$49,854
Matching Funds: \$50,000
Total Project: \$99,854

Develop a low-cost electronic monitoring system to augment human observers in small-scale fisheries in Hawaii. Project will develop electronic monitoring technology and software to efficiently and cost-effectively gather accurate fisheries data, including target catch rates and bycatch rates of marine megafauna – such as sea lions, sharks and sea turtles – to assist in the management of U.S. small-scale fisheries.

NATIONWIDE

10) Accelerate Development of Automated Fish Identification for Electronic Monitoring Systems (Multiple)

Grantee: Kate Wing Consulting
NFWF Award Amount: \$99,389
Matching Funds: \$100,000
Total Project: \$199,389

Build publicly available image datasets of fish species frequently caught in two major U.S. fisheries, the Eastern Tropical Pacific tuna fishery and the New England groundfish fishery. Project will host a competition among computer programmers to use the image datasets to write open source algorithms that efficiently automate data review, which will help increase accuracy while reducing cost and staff resources associated with reviewing electronically monitored fisheries data.