

2009 Preserve America Initiative Grant Program (PAIG)

FINAL Progress Report

Date: July 31.2009

Title: NWFSC 16mm film conversion to digital format

Award amount: \$2500

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1. This was a fairly straightforward project: selecting historic 16mm movie films of fisheries research and submitting them to a commercial vendor for processing to digital format. Initially 30 reels of film were sent to Digital Transfer Systems in Northbrook, IL. After receiving a generous discount on processing, we were able to locate an additional six reels of film (with cooperation from the Alaska Fisheries Science Center) for digital conversion. All the films were converted to uncompressed AVI files and stored on external hard drives (included in the PAIG budget) in both PC and Mac formats. The discount also allowed all AVI files to be converted to QuickTime format. The results were very successful, despite some of the reels having a fair amount of dust and scratches. The original soundtrack for the "Salmon: An International Problem" was successfully recaptured.

2-6. This project has been mostly completed. There is a minor problem with a malfunction with one of the hard drives. It needs to be fixed or replaced so the vendor can download the remaining digitized files in PC format. This should be completed by the end of August. The three new computer drives are in the process of being added/transferred to our property inventory list.

7-8. A total of \$2516.49 was spent: \$1786.46 on film conversion, \$506.69 on hard drive units (LaCie d2 quadra) and accessories, \$189.90 on video editing software (Final Cut Express 4) and \$33.74 for the purchase of a Final Cut tutorial manual. The expenditures were \$16.49 over budget due to a difference from the estimated and actual costs of the additional film conversion (\$699.50 vs. \$717.98). Hopefully all charges were completed today (August 7, 2009), so there should be no problem with the obligation of fiscal year funding. The NWFSC will fund the \$16.49 over budget. A list of the digitized films is attached.

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NWFSC 16mm film conversion to digital format inventory list

| Year | Number | Film Name | Length | Comments |
|------|--------|-------------------------------------|--------|--------------------------------------|
| 1969 | 1 | Anchovy - Lampara | 100' | Off Tuna Boat 1969 |
| ? | 2 | Coast Guard Station | 100' | PTA? Also boathouse Astoria Bridge |
| ? | 3 | Butchering Salmon | 100' | Flounder Uncooking Crabs |
| ? | 4 | Crab Boats | 100' | Fishers Hammond |
| 1967 | 5 | Sims catching Sturgeon | 50' | 1967 |
| 1968 | 6 | Aerial Wauna Mill | 25' | 1968 |
| ? | 7 | Bradwood/Clifton Raft Trip | 75' | Swane 19?? |
| ? | 8 | Detector at Bonneville | 100' | BUR COMM FISH (None Cut) |
| ? | 9 | Minter Creek | 100' | 19?? |
| ? | 10 | Ocean Trawl | 100' | ? |
| ? | 11 | Merwin Traps | 100' | ? |
| ? | 12 | Columbia River Bar | 100' | South Jetty |
| ? | 13 | Dawley Taking H2O samples | 60' | Indian Gillnet Wrecked Plane |
| ? | 14 | Princess Crossing Bar | 100' | ? |
| 1972 | 15 | Crabbing | 100' | April 1972 |
| ? | 16 | Gillnetters, Crabbers | 100' | ? |
| ? | 17 | Unloading Salmon at Cannery | 100' | Cannery Boats (Bumble Bee) |
| ? | 18 | Submarine 323 and crabbing | 100' | Hood Canal and Columbia River? |
| ? | 19 | Unloading Tuna at Cannery | 100' | Catching Salmon |
| ? | 20 | Minter Creek | 100' | ? |
| 1971 | 21 | Jetty Beach Seines | 100' | 1971 dead sea lion, birds |
| 1971 | 22 | Battery powered buoy | 100' | Strike Ducks on Youngs Bay |
| 1970 | 23 | Manchester Field Station | 100' | August 11, 1970 aquaculture |
| ? | 24 | Groundfish fishing | 100' | ? |
| 1970 | 25 | Manchester Field Station | 100' | Chinook pens, taking eggs |
| ? | 26 | Scallop processing research | 50' | Montlake Pilot Plant? |
| 1950 | 27 | Salmon an International Problem | 1000' | 23 minutes with magnetic sound |
| 1980 | 28 | Whiting processing | 1200' | 30 minute raw, unedited footage |
| 1970 | 29 | Dam STS | 200' | On large reel, no canister |
| 1970 | 30 | Mill Creek | 800' | Channel operations, survival studies |
| 1961 | 31 | Paragon | 100' | Paragon and Carl Sims lawn roller |
| ? | 32 | NOAA Operation Flare | 650' | Bill High, "color" |
| 1959 | 33 | Diving sled | 700' | Cobb and exploratory gear |
| 1970 | 34 | Tektite II | 700' | Bill High and Al Beardsley |
| ? | 35 | Longline: An Undersea Investigation | 700' | Labeled 16 min. |
| 1967 | 36 | Commercial Trawl Fishing | 800' | with M/V Westness |

This list of 36 reels of film total approximately 9210 feet of film or 256 minutes of viewing (the footages listed above were estimates). Some of the final digital copies have a fair amount of dust specs and scratches. Please note that reel number was successfully recaptured with its original sound track.

