

**Electronic Commercial Catch and Production Reporting  
Program Development**

**FY2007 Request: \$500,000  
Reference No: 41517**

**AP/AL:** Appropriation

**Project Type:** Information Systems

**Category:** Natural Resources

**Location:** Juneau Areawide

**Contact:** Denby S. Lloyd

**House District:** Juneau Areawide (HD 3-4)

**Contact Phone:** (907)465-4210

**Estimated Project Dates:** 07/01/2006 - 06/30/2009

**Brief Summary and Statement of Need:**

The Commercial Fisheries Division has successfully deployed an electronic reporting system for rationalized crab fisheries. This project seeks to extend the system to salmon and herring fisheries, eliminating the duplicative reporting systems (paper/electronic) currently in use.

<b>Funding:</b>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>Total</u>
Rcpt Svcs	\$500,000						\$500,000
<b>Total:</b>	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

None

**Project Description/Justification:**

For the Alaska Department of Fish and Game, fisheries data collection (fish tickets) is a paper form based system. Established over 30 years ago, this system is reliable, but slow and inefficient for all parties. The Department decided that a migration to web-based electronic reporting, where possible, would offer significant efficiencies and improved data quality for management agencies, and the seafood industry.

Work began in FY 2005 to write the code and implement a production system, initially to process Bering Sea/Aleutian Islands (BSAI) crab, followed by groundfish, then other shellfish. The system went into production for BSAI crab at the end of FY 2005. Groundfish and other shellfish are scheduled for implementation six months later.

With the successful implementation of eLandings for BSAI crab and the anticipation of groundfish and other shellfish by January 2006, the department is seeking a CIP project to extend the system to the other fisheries in Alaska – Salmon and Herring in FY 2007

Some highlights in the project:

- 1) For the first time, fish ticket landings can be reported electronically in real time. Fisheries managers will rely on reported data instead of estimated information;
- 2) Paper receipts are produced and signed on-site providing each party with their copy of the landing;
- 3) Data validation is locked down and happens in real time instead of contacting processors weeks after a landing and asking for corrections;
- 4) The burden of duplicative reporting on processors to multiple agencies has been eliminated;
- 5) As the system proliferates to more fisheries there will be a reduction in the cost of printing and distributing landing report forms;
- 6) Processors have the ability to download submitted data instead of manually re-entering landings into their in-house computer systems.

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More accurate and timely harvest data will assist fisheries managers in more effectively carrying out divisional performance strategies A1 and A2 and meeting the associated targets for achieving reproductive goals, taking maximum biologically sustainable harvests, and satisfying the allocation objectives set by the Alaska Board of Fisheries.

The primary expenditure is for contractual services for about \$390.0. The remaining budget of \$110.0 will be spent on personal services for an analyst programmer and for travel to provide training to processors.