

Westward Region DIDSON Sonar Purchase

FY2012 Request: \$105,000

Reference No: 39293

AP/AL: Appropriation

Project Type: Equipment / Commodities

Category: Natural Resources

Location: Kodiak

House District: Kodiak (HD 36)

Impact House District: Kodiak (HD 36)

Contact: John Hilsinger

Estimated Project Dates: 07/01/2011 - 06/30/2013 **Contact Phone:** (907)267-2324

Brief Summary and Statement of Need:

This project funds the acquisition of one Dual-Frequency Identification Sonar (DIDSON) long-range sonar unit to help commercial salmon fishery management and research within the Westward Region. The unit will be used to provide timely inseason escapement estimates, allow fish counts during emergencies when weirs are flooded or inoperable, and address applied research questions such as smolt avoidance of traps and salmon movement and distribution at counting sites. DIDSON sonar units have proven to be highly effective tools for salmon stock assessment, a core component of the department's mission.

Funding:	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
Gen Fund	\$105,000						\$105,000
Total:	\$105,000	\$0	\$0	\$0	\$0	\$0	\$105,000

<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
Totals:	0	0

Additional Information / Prior Funding History:

FY08 \$85,000; FY06 \$200,000; FY05 \$300,000; and FY04 \$300,000

Project Description/Justification:

This project provides one DIDSON unit to the Westward Region, the only Commercial Fisheries region without this technology. The DIDSON will count salmon at times or places that weirs are inoperable, thereby expediting estimates of run strength and escapement and improving commercial fisheries management and opportunity. The unit can be shared among multiple sites for maximum benefit, and will be used 120 to 150 days per year.