

Scope Change: Resolution Refurbishment and Repair

FY2017 Request:

\$0

Reference No:

47181

AP/AL: Appropriation

Project Type: Renewal and Replacement

Category: Natural Resources

Location: Ketchikan

House District:

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Impact House District:

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Contact: Jeff Regnart

Estimated Project Dates: 07/01/2012 - 06/30/2017

Contact Phone: (907)267-2350

Brief Summary and Statement of Need:

Replacement of the vessel has proven to be too costly. To address life/safety issues and extend the useful life of the vessel, ADFG will instead refurbish the existing boat. Projects include vessel repower, sponson hull (widening), new wheelhouse, bulbous bow, rewire, extend stern, etc. depending on cost of bids. The vessel is home-ported in Kodiak and supports commercial fisheries with exvessel value ranging from \$50-\$70 million annually.

Funding:	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>Total</u>
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<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

Prior Funding History / Additional Information:

Sec1 Ch17 SLA2013 P116 L25 160 \$3,700,000

Project Description/Justification:

This capital request provides funding to replace the *R/V Resolution*. As part of the overall funding plan, ADF&G anticipates selling the *R/V Resolution* and utilizing the proceeds towards the cost of the new vessel.

The *R/V Resolution* was built in 1970, and has been operated by the department for 39 years. The *R/V Resolution* is the oldest vessel in the division's inventory. The vessel is at sea approximately 130 days a year and engages in applied research for biological surveys and assessments, or fishery monitoring, that forms the core responsibility of the Division of Commercial Fisheries.

Because of the *R/V Resolution's* age, mechanical systems need periodic replacement or overhaul. This maintenance requires substantial annual capital funds to keep the vessel in a seaworthy condition. In 2009 and 2010, major maintenance costs were about \$500,000.

Research and stock assessment operations are becoming more sophisticated, and are tending toward more use of sophisticated electronics which are not “off the shelf” devices. Supporting these types of operations requires platform modifications. A larger trawl vessel in the 110-120 foot range would allow staff to configure the vessel to accommodate electronic-based data entry thereby speeding the time and reducing the expense of data entry.

The *Resolution's* size limits the quantity of fishing gear that can be carried on-deck and space is inadequate to accommodate a larger biological crew or separate accommodations for mixed-gender crews. Because space is limited the vessel is unable to accommodate additional research projects that could be conducted in coordination with the existing vessel schedule. A larger vessel would be capable of operating in rougher weather and accommodate more research projects utilizing the existing vessel schedule and work in offshore areas.

A new vessel is vital to continued long-term data collection and assessment of marine resources in the Gulf of Alaska. Without a replacement vessel the division runs the risk of interrupting the long-term data series to ensure reproductive goals are met, and may be unable to sustain fisheries on stocks of fish, and shellfish based upon the control and regulation of harvests through responsive management systems.

Replacement of the R/V Resolution will contribute to the mission of the Division of Commercial Fisheries by allowing the division to continue managing fisheries important to the economy. In 2011, fisheries where the R/V Resolution provided stock assessment data were valued at over \$40 million; additionally the R/V Resolution contributes logistical support to salmon fisheries that were valued at about \$28 million in 2011.

The vessel supports the core service of Stock Assessment and Applied Research through enumeration and assessment of salmon, herring, groundfish, and shellfish stocks. To achieve the end result of maintaining economic yield, the vessel monitors reproductive goals and biological reference points for all harvested stocks.