

**R/V Resolution Refurbishment and Repair**

**FY2018 Request: \$1,000,000**

**Reference No: 47181**

**AP/AL:** Appropriation  
**Category:** Natural Resources  
**Location:** Kodiak

**Project Type:** Renovation and Remodeling

**House District:** Kodiak/Cordova/Seldovia (HD 32)

**Impact House District:** Kodiak/Cordova/Seldovia (HD 32)

**Contact:** John White

**Estimated Project Dates:** 07/01/2017 - 06/30/2022 **Contact Phone:** (907)465-6178

**Brief Summary and Statement of Need:**

The research vessel Resolution sponson and refurbishment project is currently underway and requires additional resources to complete. Final design is complete and the department has awarded a \$4,460.0 contract to Fred Wahl Marine for the sponsoning, re-powering and upgrading the vessel. Preliminary work and material ordering will commence prior to the end of the calendar year, and the bulk of the work to begin in the fall of 2017.

<b>Funding:</b>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>Total</u>
1109 Test Fish	\$1,000,000						\$1,000,000
<b>Total:</b>	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<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>

**Prior Funding History / Additional Information:**

Sec22 Ch2 SLA2016 P41 L3 SB138 \$3,700,000

Funding is available from existing capital and test fish receipts, however, additional authority to expend the test fish funds is required. Capital funds available are approximately \$3,200.0. Engineer estimates target a bid price range of between \$4,200.0 and \$4,500.0 to finish the project. The balance will be comprised of test fish receipts that were generated from the sale of fish in the Westward Region Homeport.

**Project Description/Justification:**

The R/V Resolution is a 91 foot 1970's vintage steel research vessel located in Kodiak. It is used in that area, as well as across the Gulf of Alaska, the Aleutians, and the Bering Sea, for fishery management and support functions.

The department went through an extensive project design phase, and solicited bids for the work earlier this year. A contract was awarded to Fred Wahl Marine for the sponsoning, re-powering and upgrading the vessel. Phase 1 work includes the ordering of the new primary engine, reduction gears,

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and auxiliary gen-sets this fall. The phase 1 work amounts to approximately \$600.0, and is currently in the submittal review stage.

Remaining shipyard work to be performed next fall includes; sponsoning, which increases the width of the stern and work deck; exhaust system; ventilation upgrades; general ship-wide electrical; piping upgrades; heating and insulation; replacement of plating as needed; wheel house and crew accommodation upgrades; as well as other related general and structural upgrades. The entire vessel will also be sand blasted and repainted.

The balance of the work in the shipyard will commence after the field season in late summer of 2017.