

Replacement of Research Vessel**FY2005 Request: \$80,000,000****Reference No: 38921****AP/AL:** Appropriation**Project Type:** Equipment**Category:** University**Location:** Juneau Areawide**Contact:** Pat Pitney**House District:** Juneau Areawide (HD 3-4)**Contact Phone:** (907)474-5889**Estimated Project Dates:** 07/01/2004 - 06/30/2009**Brief Summary and Statement of Need:**

The request is for federal receipt authority for a federal appropriation to replace the Alpha Helix Research Vessel.

Funding:	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>Total</u>
Fed Rcpts	\$80,000,000						\$80,000,000
Total:	\$80,000,000	\$0	\$0	\$0	\$0	\$0	\$80,000,000

<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
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Additional Information / Prior Funding History:

This is the first year of the project.

Project Description/Justification:

The Research vessel R/V Alpha Helix is the oldest research vessel in the University National Oceanographic Laboratory System (UNOLS) fleet. Its replacement is a major priority in the UNOLS Federal Oceanographic Facilities Committee fleet renewal plan and has received strong support from the scientific community. The new vessel will perform not only traditional chemical, biological, and physical oceanography but also be able to conduct fisheries research and operate in the ice fringe. It will be a major improvement in scientific capability and sea keeping over the R/V Alpha Helix.

Project Description

The new, larger, more capable research vessel will replace the aged R/V Alpha Helix. The new vessel will be deployed much longer, will accommodate larger scientific parties, and will be capable of more diverse scientific missions than the R/V Alpha Helix.