

Alaska Marine Highway: M/V Taku - U.S Coast Guard Safety FY2006 Request: \$300,000
of Life at Sea (SOLAS) Certification Reference No: 42008

AP/AL: Appropriation **Project Type:** Health and Safety
Category: Transportation
Location: Statewide **Contact:** Robin Taylor
House District: Statewide (HD 1-40) **Contact Phone:** (907)465-6977
Estimated Project Dates: 05/10/2006 - 06/30/2006

Brief Summary and Statement of Need:

To meet the Safety of Life at Sea (SOLAS) requirements a Local Application Fire Fighting suppression sprinkler system needed to be installed in the M/V Taku's engine room and adjacent machinery spaces.

Funding:	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Gen Fund	\$300,000						\$300,000
Total:	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000

<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	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The *M/V Taku* was brought out of lay-up to cover the *M/V Columbia's* schedule when a defective cam shaft on the Columbia's starboard engine developed mechanical problems. To carry passengers to and from an international port (Prince Rupert, BC), a vessel must be in compliance with the U.S. Coast Guard's Safety of Life at Sea (SOLAS) requirements. These requirements are more stringent than those required for passenger service between U.S. ports – the routine route of the *M/V Taku*. To meet the SOLAS requirements, a Local Application Fire Fighting suppression sprinkler system needed to be installed in the Taku's engine room and adjacent machinery spaces. The cost of retrofitting a U.S. Coast Guard approved water misting system into a 40 year-old boat was significant and necessary to continue scheduled service to Prince Rupert. Total cost for installation at Alaska Ship and Drydock was \$225,000. Additional mechanical repairs to the vessel's controllable pitch propeller system brought the total cost to \$300,000.