

Alaska Marine Highway: M/V LeConte - Emergency Tube Shaft Couplings Repair **FY2006 Request: \$465,000**
Reference No: 42009

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:

In November 2005 the tube shaft couplings on the M/V LeConte showed signs of failure. The U.S. Coast Guard would not allow the M/V LeConte to carry passengers until the problem was fixed. The old couplings were reconditioned, as time constraints did not allow the fabrication of new couplings.

Funding:	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Gen Fund	\$465,000						\$465,000
Total:	\$465,000	\$0	\$0	\$0	\$0	\$0	\$465,000

<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 LeConte* was built in 1974 and has received routine maintenance and repairs. However, in November 2005 the tube shaft couplings showed signs of failure due to braking system operating pressures. The U.S. Coast Guard would not let the *M/V LeConte* carry passengers until the couplings were replaced. These couplings are the originals and have had over thirty years of service and millions of cycles of operation. The old couplings were reconditioned, as time constraints did not allow the fabrication of new couplings. This will be the last time that this reconditioning work can be done on these components. New couplings will be procured, and the shaft tapers built up, heat-treated and machined to original dimensions at the time of the next five-year American Bureau of Shipping required survey. Removing, reconditioning and replacing these couplings cost \$465,000.