

**Alaska Marine Highway System - Ferry Vessel Refurbishment**

**FY2011 Request: \$20,000,000**  
**Reference No: 40380**

**AP/AL:** Allocation

**Project Type:** Renewal and Replacement

**Category:** Transportation

**Location:** Statewide

**Contact:** Jim Beedle

**House District:** Statewide (HD 1-40)

**Contact Phone:** (907)465-6977

**Estimated Project Dates:** 07/01/2010 - 06/30/2015

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

Provide ferry refurbishment, meet regulatory requirements, and refurbish components on ferries as identified in the annual Alaska Marine Highway System (AMHS) Fleet Condition Survey Report. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$20,000,000						\$20,000,000
<b>Total:</b>	<b>\$20,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

FY2010 - \$18,000,000; FY2009 - \$17,500,000; FY2008 - \$25,000,000; FY2007 - \$3,500,000; FY2006 - \$28,500,000.

**Project Description/Justification:**

Funding refurbishment of the existing AMHS ferry fleet is critical to maintaining a reliable and efficient transportation system serving traffic between Bellingham throughout Southeastern Alaska, across the Gulf of Alaska to Kodiak and the communities out the Aleutian Chain. This funding will support a continuing refurbishment program to enable these vessels to continue to serve over the next five to ten years. Each vessel's propulsion, electrical, plumbing, sewage treatment, ventilation and communication systems and the crew and passenger lounges, dining rooms, cafeterias, hotel facilities, hull and components in general are all in various states of deterioration and in need of refurbishment. Other improvements relate to meeting regulatory requirements mandated by the U.S. Coast Guard and the Transportation Security Administration. This funding allows the AMHS to implement a periodic refurbishment of those components on each ferry most in need of refurbishment and equipment installations on a priority basis to provide for safe, reliable and comfortable service. Refurbishment and regulatory needs exceed the funding requested; however, this request will address the most urgent needs.

Recent projects have included:

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Refurbishment**

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**M/V Tustumena** - Machinery upgrade, electrical and mechanical system upgrade, security system upgrades, Americans with Disability Act (ADA) modifications, lifesaving equipment upgrade, navigational and control system upgrades.

**M/V Matanuska** - Evacuation system changeout; fire, bilge, and ballast system control modifications; fire protection upgrades; Bow Thruster Room Access Modifications; Observation Lounge Secondary Escape Installation; Fuel Oil and Lube Oil System Modifications and Upgrades; Main Engine Salt Water Circulation Pumps Renewal; Power Management System Installation; and Bow Thruster Room Access Modifications; etc.

Current Project:

**M/V Kennicott** - Safety of Life at Sea (SOLAS) Upgrade and Renovation; SATCOM / Wireless Internet Installation; Power Management System Installation; Marine Evacuation System Change-Out; Marine Growth Prevention System Upgrade; Reefer Condenser Salt Water Cooling System Installation; Side Port Door Track and Roller Renewal; Compressed Air System Upgrades; Sprinkler System Test Fitting Relocation; Bow Thruster Control System Upgrades; Exterior Doors and Access Ramps Renewal; Repair and Rebedding of Leaking Windows; etc.