

**Alaska Railroad Corporation - Positive Train Control**

**FY2015 Request: \$15,000,000**

**Reference No: 57818**

**AP/AL:** Appropriation

**Project Type:** Information Technology / Systems / Communication

**Category:** Development

**Recipient:** Alaska Railroad Corporation

**Location:** Statewide

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

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

**Contact:** JoEllen Hanrahan

**Estimated Project Dates:** 07/01/2014 - 06/30/2019

**Contact Phone:** (907)465-2506

**Brief Summary and Statement of Need:**

This project provides \$15,000,000 for the Alaska Railroad Corporation - Positive Train Control upgrades. The Alaska Railroad Corporation (ARRC) is required to install this federally-mandated technology in order to continue offering passenger rail services. It is estimated that approximately \$69.7 million will be needed between 2015 and 2018 to complete the project.

<b>Funding:</b>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>Total</u>
AK Cap Inc	\$15,000,000						\$15,000,000
<b>Total:</b>	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$15,000,000

<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	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec26 Ch16 SLA2013 P127 L5 SB18 \$19,100,000

**Project Description/Justification:**

Positive Train Control was implemented by the Federal Government in an effort to maximize passenger safety and reduce the risk of operator error onboard passenger rail lines. Computer systems are to be installed in every locomotive to monitor speeds - particularly through work zones and main line switches - and track other trains to prevent collisions and derailments. The computer system will ensure the speed of the train is regulated within the safety regulations for a given section of track.

Without the installation of Positive Train Control by December 31, 2015, the Alaska Railroad will be forced to cease passenger operations or risk being fined \$16,000 per violation and \$25,000 per "willful" violation. A separate violation is issued for each day the violation occurs.

Between 1997 and 2013, the Alaska Railroad Corporation (ARRC) invested \$63.8 million in Positive Train Control (PTC) development, and \$19.1 million was appropriated in the FY2014 capital budget. This funding will allow ARRC to continue development and implementation work on the project. Failure to implement PTC would force ARRC to severely curtail or eliminate passenger service.