



### Challenges (con't)

- Resource Management – PTC is a highly complex technology. Agencies implementing PTC are finding a shortage in qualified technical workforce. We are concerned that FRA may not have the resources to meet the demands of approving PTC implementation on a national level. We need to provide this agency with the tools and resources to proceed in a timely manner in their approval process.

### Next Steps:

Metrolink is aggressively working toward implementation of PTC in advance of the 2015 federal mandate. The agency is developing work around strategies as we face significant industry challenges. Metrolink is working with our federal partners to address the industry challenges and to develop a national implementation plan to ensure that PTC is successfully implemented.

### Chronology of PTC Implementation

<b>September 2008</b>	SCRRRA initiates pursuit of funding for developing, implementing, and operating a positive train control system
<b>October 2008</b>	The Rail Safety and Improvement Act of 2008 signed into law, requiring installation of Positive Train Control Systems by 2015.
<b>December 2009</b>	SCRRRA Board Approval of Competitive Negotiation Process and Evaluation Criteria.
<b>January 2010</b>	The Federal Railroad Administration (FRA) issues its final rule requiring railroads to install Positive Train Control technology.
<b>March 2010</b>	SCRRRA issues Request for Proposal (RFP) for the Vendor/Integrator component of the project.
<b>April 2010</b>	SCRRRA submits PTC Implementation Plan (PTCIP) to FRA, conducts Pre-Proposal Meeting, and issues Addenda to bidders.
<b>May 2010</b>	FRA conditionally approves SCRRRA PTC IP
<b>June 2010</b>	Vendor/Integrator contractor(s) submit proposals; SCRRRA evaluation begins.
<b>July 2010</b>	Peer Review Session held. Negotiations with V/I proposer begin.
<b>October 2010</b>	Notice To Proceed issued to Vendor/Integrator.
<b>February 2011</b>	PTC Development Plan (PTCDP) Variance Type Approval submitted to FRA.
<b>July 2011</b>	Began On-Board Pilot Installations.
<b>August 2011</b>	Draft PTC Safety Plan submitted to the FRA for informal review.
<b>October 2011</b>	Issue NTP to Communications Backhaul contractor.
<b>February 2012</b>	ETMS VII brake testing conducted on the BNSF San Bernardino Subdivision.

For more information visit [www.MetrolinkTrains.com](http://www.MetrolinkTrains.com) or contact Patricia Torres Bruno, Government and Regulatory Affairs Manager, 213.452.0259/ [BrunoP@scrra.net](mailto:BrunoP@scrra.net) or Jennifer Cohen, Government Relations Administrator at 213.452.0340/ [CohenJ@scrra.net](mailto:CohenJ@scrra.net).

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