

## At-risk Railroads as of Quarter 3 of 2018 (September 30, 2018)

The Federal Railroad Administration (FRA) considers railroads that had installed less than 95% of their PTC system hardware as of September 30, 2018, to be at risk of not meeting the statutory criteria necessary to qualify for an alternative schedule and sequence under the congressional mandate. Hardware installation is only an initial phase of implementing a PTC system and only one of the statutory criteria required to qualify for an alternative schedule, and FRA continues to provide technical assistance to all railroads, recognizing that significant work remains for other railroads to comply with the statutory mandate. To effectively monitor the current progress of each railroad that was at risk as of September 30th, based on hardware installation progress, FRA has requested that these railroads submit monthly status updates, in addition to the required Quarterly PTC Progress Report (Form FRA F 6180.165, OMB Control No. 2130-05533). FRA will also update this infographic at the end of November and December to provide the public with up-to-date information.

Statutory Criteria	September 2018	October 2018	November 2018	December 2018
<b>Amtrak (ATK)</b>				
Installed All PTC System Hardware	X (92%)	✓ (97%)		
Acquired All Spectrum, If Applicable	✓	✓		
Initiated Sufficient Revenue Service Demonstration (RSD)	✓	✓		
Completed Sufficient Employee Training	✓	✓		
<b>Peninsula Corridor Joint Powers Board (PCMZ) "Caltrain"</b>				
Installed All PTC System Hardware	X (91%)	✓ (98%)		
Acquired All Spectrum, If Applicable	✓	✓		
Initiated Sufficient RSD or Met Substitute Criteria	X	X		
Completed Sufficient Employee Training	X	X		
<b>New Jersey Transit (NJTR)</b>				
Installed All PTC System Hardware	X (66%)	X (79%)		
Acquired All Spectrum, If Applicable	✓	✓		
Initiated Sufficient RSD or Met Substitute Criteria	✓	✓		
Completed Sufficient Employee Training	✓	✓		
<b>Altamont Corridor Express (ACEX)</b>				
Installed All PTC System Hardware	X (55%)	X (70%)		
Acquired All Spectrum, If Applicable	✓	✓		
Initiated Sufficient RSD or Met Substitute Criteria	X	X		
Completed Sufficient Employee Training	✓	✓		
<b>Capital Metropolitan Transportation Authority (CMTY)</b>				
Installed All PTC System Hardware	X (46%)	X (85%)		
Acquired All Spectrum, If Applicable	✓	✓		
Initiated Sufficient RSD or Met Substitute Criteria	X	X		
Completed Sufficient Employee Training	X	✓		