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Research Publications on Positive Train Control (PTC) January 2015–July 2018

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Title of Report	Report Type	eLibrary Publication Date
Positive Train Control Interoperability Test Support: Radio Frequency Desense Testing	Research Results	July 13, 2018
Research on Methods for Enhancing Positive Train Control Freight Braking Algorithms	Technical Report	July 12, 2018
Positive Train Location: Final Report	Technical Report	June 11, 2018
Positive Train Control Track Data Auditing System	Technical Report	May 31, 2018
PTC Test Bed Siding Signal Upgrade at the Transportation Technology Center	Technical Report	May 30, 2018
PTC Test Bed Upgrades to Back Office and Computer-Aided Dispatch Systems	Technical Report	May 7, 2018
Positive Train Control Test Bed Verification	Technical Report	May 2, 2018
PTC Test Facility Assessment and Laboratory Development: Phase I	Technical Report	April 12, 2018
Next Generation Track Circuits	Technical Report	April 10, 2018
Northeast Corridor PTC Radio Frequency Network Design	Technical Report	April 4, 2018
PTC Radio Frequency Network Design for Dense Urban Areas	Technical Report	April 3, 2018
PTC Radio Desense Mitigation Research Phase 2: Filter Identification and Testing[1]	Technical Report	March 15, 2018
Appendix A. Requirements for Positive Train Control 220 MHz Locomotive Radio Filter	[1] Published separately; to accompany Technical Report published on March 15, 2018	March 15, 2018
Appendix B. 220 MHz PTC Locomotive Filter Test Plan and Procedures	[1] Published separately; to accompany Technical Report published on March 15, 2018	March 15, 2018
Signaling System and Advanced Civil Speed Enforcement System Upgrade to Transit Test Track at the Transportation Technology Center	Technical Report	September 19, 2017

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Title of Report	Report Type	eLibrary Publication Date
Providing Wireless Bandwidth for High-speed Rail Operations	Technical Report	July 26, 2016
Positive Train Control Desense Mitigation Test: Research Phase 1	Technical Report	May 31, 2016
Employee-In-Charge Portable Remote Terminal Phases 3 and 4 Summary Report	Technical Report	May 6, 2016
Status of the Transportation Technology Center - 2015	Technical Report	March 21, 2016
Positive Train Control Interoperability and Networking Research	Technical Report	December 4, 2015
PTC Test Bed Upgrades to Provide ACSES Testing Support Capabilities at Transportation Technology Center	Technical Report	June 12, 2015
Positive Train Control Shared Network	Research Results	May 8, 2015
Identity Management for Interoperable PTC Systems in Bandwidth-Limited Environments (Part 1)	Technical Report	January 8, 2015

Note: "PTC" may not appear in all report titles listed above; in such instances, PTC was an implicated element of the study.