Kansas City Terminal Railway Company
2015 Annual PTC Progress Report

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1   Introduction/Summary

As required by RSIA08 and the Surface Transportation Extension Act of 2015 (STEA 2015), KCT submits the following annual report describing its progress towards fulfilling the goals outlined in its PTC Implementation Plan (PTCIP):

This annual report is to be submitted to the Federal Railroad Administration (FRA) annually by March 31st until KCT's PTC system implementation is complete.

The following table contains a summary of progress during 2015:

Category	Quantity Installed During Calendar Year	PTCIP Year End Goal	Cumulative Quantity Installed at End of Calendar Year	Total Quantity Required for PTC Implementation
Locomotive Fully Equipped	2	1	2	4
Installation/Track Segments Completed	0	0	0	1
Radio Towers Fully Installed and Equipped	0	0	0	16
Employees Trained	0	0	0	14
Back Office Locations Completely Installed and Fully Operable	0	0	0	1
Dispatch Locations Completely Installed and Fully Operable	1	1	1	1
Route Miles in Testing or Revenue Service Demonstration	0	0	0	29
Route Miles in PTC Operation	0	0	0	29

2 Update on Spectrum Acquisition

KCT's revised PTCIP – *Section 1.4.1.6 Spectrum Acquisition [49 U.S.C. § 20157(a)(2)(A)(iii)(I)]*, calls for the necessary spectrum to be acquired in 2017, which remains the timeframe. The spectrum will be acquired from PTC-220 to ensure its availability for use by PTC radios.

Spectrum Location	Spectrum Acquired and Available for Use During Calendar Year	Cumulative Amount of Spectrum Acquired and Available for Use at End of Calendar Year	PTCIP Year End Goal for Spectrum Acquired and Available for Use	Total Spectrum Required for PTC Implementation, as Reported in PTCIP
Kansas City, MO/KS	None	None	None	

3   Quantity Update on Hardware Installation

The following tables show progress on various hardware categories.

3.1   Locomotive Status

Category/Installation Feature	Quantity Installed During Calendar Year	PTCIP Year End Goal	Cumulative Quantity Installed at End of Calendar Year	Total Quantity Required for PTC Implementation, as reported in PTCIP
Locomotive (Apparatus)				
On-board Computers	4	2	4	8
Software For Train Management and other applications	0	0	0	4
PTC Displays	2	1	2	4
Event Recorders	2	1	2	4
Onboard Antennas and/or Transponder Readers	2	1	2	4
GPS Receivers	2	1	2	4
Locomotive Radios – Primary Communications	2	1	2	4
Secondary Communications	2	1	2	4

3.2   Infrastructure/Back Office Status

Category/Installation Feature	Locations Completed During Calendar Year	PTCIP Year End Goal	Cumulative Quantity Complete at End of Calendar Year	Total Required for PTC Implementation, as reported in PTCIP
Infrastructure (Back Office)				
Dispatching Locations (installations complete)	0	0	1	1
Back Office Locations (installations complete)	0	0	0	1

3.3   Installation/Track Segment Status

Category/Installation Feature	Quantity Installed During Calendar Year	PTCIP Year End Goal	Cumulative Quantity Installed at End of Calendar Year	Total Quantity Required for PTC Implementation, as reported in PTCIP
Infrastructure – Wayside				
Installation/Track Segment Identification: 1001				
Wayside Interface Units	0	0	0	18
Communication Towers or Poles	8	0	8	16
Switch Position Monitors	0	0	0	0
Planned Fiber or Ground Wiring (per mile)	0	0	0	0
Wayside Radios	0	0	0	13
Base Station Radios	0	0	0	3

4   Quantity Update on Employees Trained

The following table shows progress in training employees.

Employee Category	Number of Employees Trained During Calendar Year	PTCIP Year End Goal	Cumulative Number of Employees Trained at End of Calendar Year	Total Reported in PTCIP
T&E Crew Employees	0	0	0	0
Mechanical Employees	0	0	0	0
MOW/Engineering/Roadway Worker Employees	0	0	0	0
Management Employees	0	0	0	4
Other Staff	0	0	0	10

5 Progress on Implementation Schedule/Milestones

During 2015, construction was substantially completed on all 15 wayside replacement projects. Cutovers of these constructed locations began in March 2016 and are scheduled to be completed during 2017. At this time, the schedule remains the same as in KCT's revised PTCIP.

6 Summary Update of Challenges/Risks

KCT's revised PTCIP – *Section 5.1 Summary of Remaining Implementation Challenges and Risks [49 U.S.C § 20157(a)(2)(A)(iii)(VI)]*, identifies several challenges which are unchanged as of this report.

7 Progress on Revenue Service Demonstration (RSD) or Implementation

Segment Identification	Number of Route Miles in Segment	Status at End of Calendar Year	Estimated Start Date for Revenue Service Demonstration
1001	29	Installing	October 2017

8 Update for Intercity or Commuter Rail Passenger Transportation

N/A

9 Update on Interoperability Progress and Other Formal Agreements

All agreements with tenant railroads remain in place as reported in the revised PTCIP. With the exception of Kansas City Switching Company, whose progress in equipping locomotives is provided above, all tenant railroads have their own PTC Implementation Plan.

10 Estimated PTC Safety Plan Submission Date

PTCSP Submission Date
March 2017

11 Testing and Integration Efforts

KCT has not begun testing/integration.

12 Updated Information That FRA Can Use to Maintain its Geographic Information System (GIS) Database – Segments Complete and Operable

KCT does not have any complete and operable track segments.