

Example Template for Revised PTCIP Schedule and Quantity Information

Use of this template is optional. The template is intended to serve only as informal and illustrative guidance to railroads.

Name of Railroad or Entity Subject to 49 U.S.C. § 20157(a): [Click here to enter railroad name.](#)

Railroad Code: [Click here to enter railroad code.](#)

Date: [Click here to enter a date.](#)

Railroads may use this revised positive train control (PTC) implementation plan (PTCIP) template to submit quantities and other information required under 49 U.S.C. § 20157(a)(2)(A) (2015). The use of this template is optional, is for drafting assistance purposes only, and its completion alone does not guarantee full statutory and regulatory compliance. In addition, the information in this template does not include all information a railroad must provide in its revised PTCIP under 49 U.S.C. § 20157. Railroads should verify that they have provided all information required under 49 U.S.C. § 20157(a)(2)(A) and 49 C.F.R. § 236.1011, including an appropriate schedule and sequence for timely PTC system implementation, and a summary of any remaining technical, programmatic, operational, or other challenges affecting PTC implementation.

Public reporting burden for this information collection is estimated to average 50 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for this information collection is **2130-0553**. All responses to this collection of information are voluntary. Send comments regarding this burden estimate or any other aspect of this collection, including suggestions for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave., SE, Washington DC 20590.

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I. Spectrum

Spectrum Area or Location (E.g., county)	Total Spectrum Required	Spectrum Available for Use (Owned/Leased)	Spectrum Needed	Calendar Year When Necessary Spectrum Will Be Acquired and Available for Use	Current Status
Spectrum Area or Location†: Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

†Note: To add rows for additional spectrum areas or locations, click on the blue “+” symbol at the bottom right-hand corner. Please be sure to first click anywhere inside the table to activate this function.

If this function is unavailable for your document, please manually add additional rows.

II. Summary

Category	Quantity Completed To Date	Total Quantity Required
Locomotives Fully Equipped	Click here to enter quantity.	Click here to enter quantity.
Installation/Track Segments	Click here to enter quantity.	Click here to enter quantity.
Towers	Click here to enter quantity.	Click here to enter quantity.
Personnel Trained	Click here to enter quantity.	Click here to enter quantity.
Back Office Locations Complete and Operable	Click here to enter quantity.	Click here to enter quantity.
Dispatching Locations Complete and Operable	Click here to enter quantity.	Click here to enter quantity.

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III. Installation Schedule

Category / Installation Feature	Quantity Installed To Date	Quantity Installed by End of 2016	Quantity Installed by End of 2017	Quantity Installed by End of 2018	Grand Total of Quantity Required
Locomotive (Apparatus)^x					
On-board Computers (e.g., Train Management Computer)	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Software For Train Management and other applications	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
PTC Displays	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Event Recorders	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Antennas and Transponder Readers	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
GPS	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Locomotive Radios – Primary Communications (e.g., 220 MHz radios)	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Secondary Communications (e.g., cell or Wi-Fi communications)	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.

^x For a complete list of the hardware categories that railroads are required to address in their revised PTCIPs, see 49 U.S.C. § 20157(i)(2). This template provides typical hardware categories and components for illustrative purposes. Railroads may also elect to add categories or subcategories if more detail is desired.

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Category / Installation Feature	Quantity Installed To Date	Quantity Installed by End of 2016	Quantity Installed by End of 2017	Quantity Installed by End of 2018	Grand Total of Quantity Required
Infrastructure (Back Office)					
Dispatching Locations (installations complete)	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Back Office Locations (installations complete)	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.	Click here to enter quantity.
Infrastructure - Wayside (by Installation/Track Segment)					
Installation/Track Segment Identification†: Click here to enter installation/track segment identification.					
Wayside Interface Units†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.
Communication Towers or Poles†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.
Switch Position Monitors†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.
Planned Fiber or Ground Wiring (per mile)†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.

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Wayside Radios†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.
Base Station Radios†	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.	Click here to enter sub-quantity.

†Note: To add rows for additional installation/track segments and associated sub-components, click on the blue “+” symbol at the bottom right-hand corner. Please be sure to first click anywhere inside the table to activate this function.

If this function is unavailable for your document,

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IV. Employee Training

Employee Category*	# Employees Trained To Date	# Employees Trained by End of 2016	# Employees Trained by End of 2017	# Employees Trained by End of 2018	# Employees Trained by End of 2019*	# Employees Trained by End of 2020*	Total # Employees Required to be Trained
T&E Crew (Operations) Employees	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.
Mechanical Employees	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.
MOW/Engineering/Roadway Worker Employees	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.
Management Employees	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.
Other Staff	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.	Click here to enter number of employees.

* These categories are suggestive. All categories may not apply, and additional categories may be added pending on the railroad's specific implementation needs. At a minimum, total number of employees required to be trained under FRA's PTC regulations, and the number to be trained per year, should be provided.

*Quantities for 2019 and 2020 are only applicable if an alternative schedule is requested and executed

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V. Interoperability

This section is provided to help railroads describe interoperability information. Railroads must provide any additional information necessary to comply with 49 U.S.C. § 20157(a)(2)(A)(i)(1), within its revised PTCIP (not necessarily within this template).

Plans for Interoperability
<i>Host Railroads: Insert agreements and key milestones for all tenant operations</i>
<i>Tenant Railroads: Insert agreements and key milestones for all operations over tracks hosted by another railroad</i>

VI. Plan Submissions

PTC Development Plan Submission: Click here to enter date or type approval number
PTC Safety Plan Submission: Click here to enter a date.