



U.S. Department
of Transportation

**Federal Railroad
Administration**

**Railroad Safety Advisory Committee
Task Statement:
Positive Train Control Systems--
Technologies, Definitions, and Capabilities**

Task No.: 97-4

Date presented to the RSAC: September 30, 1997

Purpose:

To facilitate understanding of current Positive Train Control (PTC) technologies, definitions, and capabilities.

Description:

Prepare a descriptive report to facilitate understanding of current PTC technologies, definitions, and capabilities including:

- Architecture.
- Functionality.
- Assessment of risks.
- Proposed augmentation of current systems.
- Proposed replacement of current systems.
- Examination of proposed safety benefits, other benefits, and costs, taking into account Section 1(a) of Executive Order No. 12866.

Source:

FRA Report to Congress entitled “*Railroad Communications and Train Control*” (July 1994) and recommendations of the National Transportation Safety Board.

Refer to/establish following working group:

~~PTC Implementation Working Group~~ [PTC Working Group](#)

Coordination:

~~Coordinate with PTC Standards Working Group, so that consistent nomenclature and assumptions are employed in reports to the full Committee.~~

Target dates:

~~Working group report on definitions/nomenclature: October 27, 1997.~~

~~Working group progress report with results to date and timetable for completion:
December 15, 1997.~~

[Provide status report with timetable to full committee by meeting of January 27, 1998.](#)

Disposition: Accepted

Date: [September 30, 1997.](#)