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# IEEE Standard for Passenger Information System for Rail Transit Vehicles

Sponsor

**Rail Transit Vehicle Interface Standards Committee**  
of the  
**IEEE Vehicular Technology Society**

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**IEEE-SA Standards Board**

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**American National Standards Institute**

**Abstract:** Rail transit vehicle passenger information system interfaces with the vehicle's carbody, train crew, control system, power system, and passengers are described in this standard. The physical, logical, and electrical interfaces of the passenger information system for rail transit vehicle systems and subsystems are specified.

**Keywords:** passenger information system, rail transit vehicles, trains

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## Introduction

(This introduction is not part of IEEE Std 1477-1998, IEEE Standard for Passenger Information System for Rail Transit Vehicles.)

This standard describes rail transit vehicle passenger information system interfaces with the vehicle's carbody, train crew, control system, power system, and passengers. It is intended for the following uses:

- By individuals or organizations who write specifications for rail transit vehicle rehabilitation, retrofit, or new vehicle procurement.
- By manufacturers for the development of new products.

This standard is designed to help individuals and organizations achieve the following objectives:

- High-quality product;
- Compatibility;
- Interchangeability among different manufacturers' products;
- Installation and maintenance ease;
- High reliability; and
- Low product cost and good availability.

## Participants

At the time this standard was completed, the Passenger Information System Working Group had the following membership:

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The final conditions for approval of this standard were met on 28 September 1998. This standard was conditionally approved by the IEEE Standards Board on 16 September 1998, with the following membership:

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