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GE/GN8560 Guidance on Engineering Requirements for Dispatch of Trains from Platforms

**Issue One: June 2010
Railway Group Guidance for GE/RT8060**



Documents

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Guidance on Engineering Requirements for Dispatch of Trains from Platforms

Issue record

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One	June 2010	Original document

Superseded documents

This Railway Group Guidance Note does not supersede any other Railway Group documents.

Supply

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Guidance on Engineering Requirements for Dispatch of Trains from Platforms

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Part 1 Introduction

1.1 Purpose of this document

This document gives guidance on interpreting the requirements of Railway Group Standard GE/RT8060. It does not constitute a recommended method of meeting any set of mandatory requirements.

All requirements in GE/RT8060 are reproduced in the sections that follow. Guidance is provided as a series of sequentially numbered clauses prefixed 'GN' immediately below the text to which it relates. Where there is no guidance given, this is stated.

Specific responsibilities and compliance requirements are laid down in the Railway Group Standard itself.

1.2 Copyright

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1.3 Approval and authorisation of this document

The content of this document was approved by:

Multifunctional Standards Committee on 18 February 2010

This document was authorised by RSSB on 27 April 2010

Guidance on Engineering Requirements for Dispatch of Trains from Platforms

Part 1 Purpose and Introduction

1.1 Purpose

- 1.1.1 This document mandates the engineering requirements for the equipment used in the dispatching of passenger trains from platforms.

1.2 Introduction

1.2.1 Background

- 1.2.1.1 This document applies to the following equipment and facilities:

- a) Indicators required for train dispatch
- b) Platform-mounted mirrors
- c) Station-mounted cameras and monitors
- d) Station-mounted cameras and train-mounted monitors.

- 1.2.1.2 All the methods listed in 1.2.1.1 apply to DOO(P) but are not exclusive to DOO(P).

1.2.2 Related requirements in other documents

- 1.2.2.1 The following Railway Group Standards contain requirements that are relevant to the scope of this document:

- | | |
|-----------|---|
| GE/RT8000 | Rule Book |
| GE/RT8037 | Signal Positioning and Visibility |
| GI/RT7016 | Interface between Station Platforms, Track and Trains |
| GK/RT0045 | Lineside Signals, Indicators and Layout of Signals |

- 1.2.2.2 Where co-operation is required by this document between the infrastructure manager and railway undertakings in the design of new equipment or changes to the equipment or facilities provided for train dispatch, the process for co-operation is set out in GE/RT8270 Assessment of Compatibility of Rolling Stock and Infrastructure.

1.2.3 Supporting documents

- 1.2.3.1 The following documents support this Railway Group Standard:
- | | |
|-----------|--|
| GE/GN8560 | Guidance on Engineering Requirements for Dispatch of Trains from Platforms |
|-----------|--|

GN01 There is no guidance associated with Part 1.

Guidance on Engineering Requirements for Dispatch of Trains from Platforms

Part 2 Guidance on Train Dispatch – Engineering Requirements

2.1 Compatibility requirements for train dispatch equipment

- 2.1.1 Before any new or changed infrastructure or rolling stock (including lineside and / or on-board control, command and signalling equipment) is brought into use, it is necessary to check that it is compatible with the infrastructure and rolling stock assets and operations on the routes on which it is to be used.
- 2.1.2 GE/RT8270 sets out the requirements and responsibilities for the assessment of compatibility between rolling stock and infrastructure assets, including control, command and signalling equipment and their operations. It sets out the arrangements by which the assessment of compatibility is undertaken and identifies those responsible for managing that assessment.
- 2.1.3 This document GE/RT8060 mandates specific engineering requirements for the assessment of compatibility of different types of train dispatch technical systems.
- 2.1.4 The assessment process shall check that:
 - a) All indicators required for train dispatch are compatible with train operations
 - b) Station-mounted monitors are compatible with train operations and the trains
 - c) Station-mounted mirrors are compatible with train operations and the trains
 - d) Train-mounted monitors are compatible with the station-mounted cameras.
- 2.1.5 Requirements to prevent obscuration of railway signals and indicators by facilities, including mirrors and station-mounted monitors, are set out in GE/RT8037.

- GN02 The purpose of the assessment process is to facilitate the viewing by railway undertaking train dispatch staff of indicators supplied and maintained by the infrastructure manager.
- GN03 The purpose of the assessment process is to facilitate the viewing by drivers of station monitors and mirrors supplied and maintained by the infrastructure manager.
- GN04 The purpose of the assessment process is to facilitate the working of train-mounted monitors supplied and maintained by the railway undertaking, with station-mounted cameras supplied and maintained by the infrastructure manager.
- GN05 Appendix A sets out typical acceptance tests as part of the assessment of compatibility process of a train dispatch system.
- GN06 The GE/RT8000 Rule Book includes the rules for dispatching trains from station platforms.

2.2 Types of indicators

- 2.2.1 Only the following type of indicators shall be installed to aid the dispatch of trains from stations:
 - a) OFF indicators
 - b) Banner repeater indicators