

Railway Group Standard**GE/RT8064****Issue One****Date April 2003**

European Train Control System: The Management of **Packet 44**

Synopsis

This document mandates the manner in which the **packet 44** of the European Train Control System data protocol shall be managed to ensure safety and interworking.

Signatures removed from electronic version

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Part A

A1 Issue record

Issue	Date	Comments
One	April 2003	Original Document

This document will be updated when necessary by distribution of a complete replacement.

A2 Implementation of this document

The publication date of this document is 5 April 2003.

This document comes into force on 7 June 2003.

The dates by which compliance with the requirements of this document is to be achieved are set out in Part B2. Where those dates are later than the date on which this document comes into force, this is to give Railway Group members additional time to plan and commence implementation so as to achieve full compliance by the dates set out in Part B2.

This document does not supersede any other Railway Group Standards.

A3 Scope of Railway Group Standards

The overall scope of Railway Group Standards is set out in Appendix A of [GA/RT6001](#). The specific scope of this document is set out in Part B2.

A4 Responsibilities

Railway Group Standards are mandatory on all members of the Railway Group* and apply to all relevant activities that fall into the scope of each individual's Railway Safety Case. If any of those activities are performed by a contractor, the contractor's obligation in respect of Railway Group Standards is determined by the terms of the contract between the respective parties. Where a contractor is a duty holder of a Railway Safety Case then Railway Group Standards apply directly to the activities described in the Safety Case.

* The Railway Group comprises Network Rail Infrastructure Limited, Railway Safety, and the train and station operators who hold railway safety cases for operation on or related to infrastructure controlled by Network Rail Infrastructure Limited.

Network Rail Infrastructure Limited is known as Network Rail.

A5 Health and safety responsibilities

In issuing this document, Railway Safety makes no warranties, express or implied, that compliance with all or any documents published by Railway Safety is sufficient on its own to ensure safe systems of work or operation. Each user is reminded of its own responsibilities to ensure health and safety at work and its individual duties under health and safety legislation.

A6 Technical content

The technical content of this document has been approved by:

Jeff Allan, Principal Signalling & Telecomms Engineer, Railway Safety.

Enquiries should be directed to Railway Safety – Tel: 020 7904 7518.

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A7 Supply

Controlled and uncontrolled copies of this document may be obtained from the Industry Safety Liaison Dept, Railway Safety, Evergreen House, 160 Euston Road, London NW1 2DX.

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Part B

B1 Purpose

This document mandates the manner in which the **packet 44** of the European Train Control System data protocol shall be managed to ensure safety and interworking.

B2 Application of this document

B2.1 To whom the requirements apply

This document contains requirements that are applicable to Railway Safety and duty holders of the following categories of Railway Safety Case:

- a) infrastructure controller
- b) train operator.

B2.2 Compliance requirements

The document applies to the uses of **packet 44** that meet at least one of the following criteria:

- a) Use during commercial service, at the trackside or on a train, over any line operated by the infrastructure controller
- b) Use that does not concern commercial service; but the management of the application requires the infrastructure controller and the train operator(s) receiving and transmitting data to cooperate, for example on the chainage of a balise, or the combination of data packets within a single balise group.

B2.2.1 Infrastructure

The requirements of this document are applicable to all uses of **packet 44** as set out in section B2.2 and shall be complied with by the infrastructure controller no later than 7 June 2003.

B2.2.2 Trains

The requirements of this document are applicable to all uses of **packet 44** as set out in section B2.2 and shall be complied with by train operators no later than 7 June 2003.

B2.2.3 Railway Safety

The requirements of this document (sections B8 and B10.2) shall be complied with by Railway Safety no later than 7 June 2003.

B2.2.4 General compliance requirements

After the compliance date[s], or after the date by which compliance is achieved (if earlier), Railway Group members shall not deviate from the requirements set out in this document.

Where it is considered not reasonably practicable to comply with the requirements set out in this document, authorisation not to comply shall be sought in accordance with [GA/RT6001](#), [GA/RT6004](#) or [GA/RT6006](#).

B2.3 Exclusions from the application of this document

B2.3.1 Transmission facilities that are not part of the ETCS

This document does not apply to data transmission by means that are not part of the European Train Control System (ETCS). The data transmission arrangements that are included in the ETCS are set out in the Commission Decision 2001/260/EC.

B2.3.2 **Packet 44** applications that concern one Railway Group member

This document does not apply to applications of **packet 44** which concern only one Railway Group member. Such use of **packet 44** shall meet the following criteria: