



GN

This document contains one or more pages which contain colour.

Published by:

RSSB
Block 2
Angel Square
1 Torrens Street
London
EC1V 1NY

© Copyright 2013
Rail Safety and Standards Board Limited

GE/GN8648

Guidance on Positioning of Lineside Telephones

Issue One: September 2013

Rail Industry Guidance Note for GE/RT8048



Documents

Document Sharing Hub

Guidance on Positioning of Lineside Telephones

Issue record

Issue	Date	Comments
One	September 2013	Original document. This document gives guidance on interpreting the requirements of Railway Group Standard GE/RT8048 issue two 'Positioning of Lineside Telephones'.

Superseded documents

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

Supply

The authoritative version of this document is available at www.rgsonline.co.uk.
Uncontrolled copies of this document can be obtained from Communications, RSSB, Block 2, Angel Square, 1 Torrens Street, London EC1V 1NY, telephone 020 3142 5400 or e-mail enquirydesk@rssb.co.uk. Other Standards and associated documents can also be viewed at www.rgsonline.co.uk.

Guidance on Positioning of Lineside Telephones

Contents

Section	Description	Page
Part 1	Introduction	4
G 1.1	Purpose of this document	4
G 1.2	The structure of this document	4
G 1.3	Copyright	4
G 1.4	Approval and authorisation of this document	4
Part 2	Guidance on the Requirements for Signal Post and Operational Telephone Positioning	5
G 2.1	Guidance on the positioning of lineside telephones	5
G 2.2	Guidance on information labels	9
Part 3	Application of this Document	11
3.1	Application - infrastructure managers	11
3.2	Health and safety responsibilities	12
Definitions and Abbreviations		13
References		14
Figures		
Figure G 1	An example of the use of an additional SPT	8

Guidance on Positioning of Lineside Telephones

Part 1 Introduction

G 1.1 Purpose of this document

- G 1.1.1 This document gives guidance on interpreting the requirements of Railway Group Standard GE/RT8048 issue two 'Positioning of Lineside Telephones'. It does not constitute a recommended method of meeting any set of mandatory requirements.

G 1.2 The structure of this document

- G 1.2.1 All requirements from Railway Group Standard GE/RT8048 are reproduced with a grey background in this document.
- G 1.2.2 Guidance is provided as a series of sequentially numbered clauses prefixed 'G' immediately below the greyed text to which it relates.
- G 1.2.3 Specific responsibilities and compliance requirements are laid down in the Railway Group Standard itself.

G 1.3 Copyright

- G 1.3.1 Copyright in the Railway Group documents is owned by Rail Safety and Standards Board Limited. All rights are hereby reserved. No Railway Group document (in whole or in part) may be reproduced, stored in a retrieval system, or transmitted, in any form or means, without the prior written permission of Rail Safety and Standards Board Limited, or as expressly permitted by law.
- G 1.3.2 RSSB members are granted copyright licence in accordance with the Constitution Agreement relating to Rail Safety and Standards Board Limited.
- G 1.3.3 In circumstances where Rail Safety and Standards Board Limited has granted a particular person or organisation permission to copy extracts from Railway Group documents, Rail Safety and Standards Board Limited accepts no responsibility for, nor any liability in connection with, the use of such extracts, or any claims arising therefrom. This disclaimer applies to all forms of media in which extracts from Railway Group Standards may be reproduced.

G 1.4 Approval and authorisation of this document

- G 1.4.1 The content of this document was approved by Control Command and Signalling (CCS) Standards Committee on 13 June 2013.
- G 1.4.2 This document was authorised by RSSB on 29 July 2013.

Guidance on Positioning of Lineside Telephones

Part 2 Guidance on the Requirements for Signal Post and Operational Telephone Positioning

G 2.1 Guidance on the positioning of lineside telephones

Extract from GE/RT8048

Requirements for signal post and operational telephone positioning

2.1 Positioning criteria

2.1.1 Telephones associated with a particular item of infrastructure shall be positioned such that the association is readily apparent. If necessary, signs shall be provided on or adjacent to the item of infrastructure to indicate where the associated telephone is located.

- G 2.1.1 Rationale: Leaving the cab to use a Signal Post Telephone (SPT) brings the driver into the dangerous environment of the trackside. The introduction of the Global System for Mobile Communications – Railway (GSM-R) radio system should avoid the need for the driver to leave the cab to communicate with a signaller, except during a failure of GSM-R communication. For the present, provision of SPTs continues to be required and consideration should be given to how the driver uses an SPT. Locating and accessing an SPT should be made as easy and safe as possible.

Extract from GE/RT8048

2.1.2 Where positioning the phone in accordance with 2.1.1 is not possible, then it shall be positioned as close as reasonably practicable to the ideal position.

- G 2.1.2 Rationale: A person who uses a trackside telephone, especially in an emergency, should know where to expect that telephone to be located.

- G 2.1.3 Rationale: To avoid confusion between a telephone user and the signaller, all lineside telephones, including SPTs, should be located such that it is obvious to the user to which piece of lineside equipment the telephone applies.

Extract from GE/RT8048

2.1.3 The site assessment shall consider and record:

- The lateral and longitudinal position of the telephone (for example, in relation to the running edge of the nearest rail and the signal).
- The mounting arrangement.
- Requirements for accessing the phone.
- Whether conductor rail boarding is required.
- The vandal and environment proofing, and handset cord length required.
- The requirements for additional signs for SPTs.
- Any prohibition of handsignalman working.

- G 2.1.4 Rationale: These details should be recorded on the signal sighting form, to permit maintenance of the telephone and its environment throughout the life of the telephone. Without such information being recorded it may not be possible to understand why certain decisions have been made, especially such things as handset cord length.

- G 2.1.5 In the case of b) above, the method of mounting the telephone should be limited to whether the phone is mounted on the signal post or some other post either pre-existing or installed for the purpose.