

Supplement Notice

Information for users

The attached standard:

RT/CE/S/042

Issue 1

has essential supplementary information

Instructions for use

It is essential that you first read and understand the supplement pertaining to the standard before proceeding to the standard. You must then apply the requirements of the supplement to the standard.

Proceed to supplement ►**I have read & understand the supplement.
Proceed to standard ►**

Ref	NR/SP/TRK/042
Issue	I
Date	April 1995

Track Geometry Recording (formerly RT/CE/S/042)

This temporary front sheet facilitates change to the new Network Rail Standards referencing nomenclature.

The Ref above will be formally allocated to this standard when it is next changed in the meantime the contents, date and issue number of this Network Rail Standard are **UNCHANGED and with immediate effect it should be referred to as “(new ref) formerly (old ref)”.**

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RT/CE/S/042

Issue 1

April 1995

RAILTRACK LINE

SPECIFICATION

TRACK GEOMETRY RECORDING

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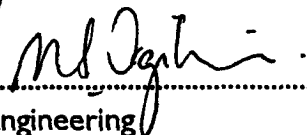
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TRACK GEOMETRY RECORDING

Summary

This specification gives the requirements for the provision of a track geometry recording service. It defines the parameters to be recorded, the types of report to be produced and the mode of up-loading recording data to the mainframe Track Quality System. It is intended to accord with, but in some respects enhance, Railway Group Standard GC/EH0038 *Track Recording Handbook*.

Issue record

This specification will be updated when necessary by distribution of a complete replacement. Amended or additional parts of revised pages will be marked by a vertical black line in the margin.

Issue: 1 **Date:** April 1995

Comments: New specification

Responsibilities and distribution

This specification shall be complied with by all personnel who are responsible for procurement and provision to Railtrack of a track geometry recording service.

Persons using this specification shall ensure that they use the latest version of any document to which reference is made.

Implementation

The provisions of this specification are mandatory and apply to any new track geometry recording contract negotiated after publication of the document.

Disclaimer

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Supply

Persons requiring controlled copies of this specification shall obtain them from their Directorate's Document Control Point.

TRACK GEOMETRY RECORDING

CONTENTS

Section	Description	page
1	Purpose	4
2	Scope	4
3	Vehicles	4
4	Parameters to be measured	4
5	Measurements	5
5.1	Use of standard deviation	5
5.2	Measurement accuracy and repeatability	5
6	Quality Assurance and calibration	6
7	On-board data reporting	6
7.1	Functions	6
7.2	Mileage, location and control	7
7.3	Exceedences	7
7.4	On-board reports	7
7.5	Paint spray	9
8	Distribution of on-line reports	9
9	Data transfer	9
9.1	Disk output of processed data	10
9.2	Up-loading of standard deviations	10
9.3	Transfer of raw data	10
9.4	Security of recorded data	10
	Appendix: cyclic top analysis	10
	References	11

TRACK GEOMETRY RECORDING

1 PURPOSE

This specification defines the performance requirements of the system to be employed on Railtrack's running lines to record track geometry. It specifies the parameters to be measured and the on-board reports which are required, and sets out the interface specification for uploading data into existing management information systems.

Track geometry recording is subject to the provisions of Railway Group Standard GC/EH0038 *Track Recording Handbook*. This specification interprets and enhances certain provisions of that Standard.

2 SCOPE

This specification applies to all running lines on which vehicle-based track geometry recording is to be carried out. Generally, the term "running lines" includes loops but excludes sidings and terminal platforms. The running lines concerned and, where applicable, crossovers between them will be defined in the Infrastructure Monitoring Contract.

3 VEHICLES

Any vehicle(s) provided by the contractor must

- be capable of operation on all Railtrack infrastructure to be recorded and have a certificate of vehicle acceptance in accordance with Railway Group Standard GM/TM0001 *Rail Vehicle Engineering Acceptance Manual*;
- be equipped in such a way as to generate measurement data which is equivalent to that generated by the Railtrack equipment described in GC/EH0038 and thus provide continuity with past records.

4 PARAMETERS TO BE MEASURED

The parameters to be measured are listed in the following table. The values in the second column of the table are those which the system shall be capable of recording and (where applicable) outputting to chart, e.g. for 35-metre left top the system shall be capable of recording and outputting all values up to and including at least 40mm.