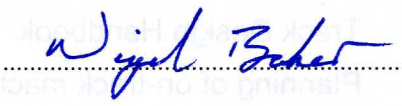
Ref:	NR/L3/TRK/3261
Issue:	1
Date:	07/03/2009
Compliance date:	07/03/2009

Level 3

ATG (Absolute Track Geometry) Maintenance Process using 'ATG Geometry Methods'

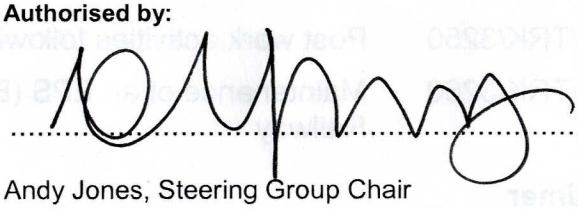
Endorsement and Authorisation

Endorsed by:



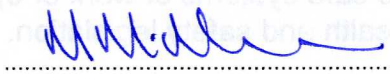
Nigel Baker, Working Group Chair

Authorised by:



Andy Jones, Steering Group Chair

Accepted for issue by:



M McManus, National Standards Manager

This document is the property of Network Rail. It shall not be reproduced in whole or part nor disclosed to a third party without the written permission of Network Rail.
© Copyright 2009 Network Rail.

Uncontrolled copy once printed from its electronic source.

Published and Issued by Network Rail, Kings Place, 90 York Way, London. N1 9AG.

Network Rail

Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-L3-TRK-3261 ISSUE 1 2009

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 22:15:53 MDT

Issue record

Issue	Date	Comments

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 01/03/2009.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 4 to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 4 was reached and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the accompanying Briefing Note.

Reference documentation

NR/L2/TRK/2049	Track Design Handbook
NR/L3/TRK/3220	Planning of on-track machines
NR/L3/TRK/3230	Control of on-track machines
NR/L3/TRK/3240	Preparation for use of on-track machines
NR/L3/TRK/3250	Post work activities following works using on-track machines
NR/L3/TRK/3260	Maintenance of an EPS (Enhanced Permissible Speed) Railway

Disclaimer

In issuing this document for its stated purpose, Network Rail makes no warranties, express or implied, that compliance with all or any documents it issues is sufficient on its own to ensure safe systems of work or operation. Users are reminded of their own duties under health and safety legislation.

Supply

Copies of documents are available electronically, within Network Rail's organisation. Hard copies of this document may be available to Network Rail people on request to the relevant controlled publication distributor. Other organisations may obtain copies of this document from IHS (Technical Indexes Ltd) tel: 01344 328039.

Documents Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-L3-TRK-3261 ISSUE 1 2009

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 22:15:53 MDT

Contents

1 Purpose 4
2 Scope 4
3 Definitions and abbreviations 5
4 Flow charts 6
5 Main clauses 10
6 Total station process 10
7 Em-Sat process 12
8 Palas process 14
9 Tamping 15

--`,,,,,,`,,,,,,`,,,`,,,,,,,,`-`-`,,`,,`,`,,`---

Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 22:15:53 MDT

Full document details: NR NR-L3-TRK-3261 ISSUE 1 2009

1 Purpose

This document defines the roles, responsibilities and process within the track maintenance delivery unit to maintain track alignment using ‘ATG Geometry methods’.

2 Scope

This document applies to the maintenance of EPS routes only. It does not apply to renewals work and it does not detail the process for maintenance of alignment using methods other than ‘ATG Geometry methods’; these are defined within other processes and Work Instructions.

Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 22:15:53 MDT

Full document details: NR NR-L3-TRK-3261 ISSUE 1 2009

3 Definitions and abbreviations

ATG	Absolute Track Geometry
ATG Geometry	Method of maintaining ATG railway by the preparation of a design
ATG Lite	Method of maintaining ATG sites using 'Measurement & Compensation' with fixed points
EPS	Enhanced Permissible Speed
ES	Engineering Supervisor
HCD	High Cant Deficiency
ICC	Integrated Control Centre
IME	Infrastructure Maintenance Engineer
ISM	Infrastructure Services Manager
SL	Survey Leader
TAD	Through Alignment Design
TL	Tamping Leader
TME	Track Maintenance Engineer
TGS	Track Geometry Supervisor
TMGS	Track Machine Guidance Spigots

--`,,,,,,`,,,,,,`,`,`,,,,,,,,`-`-`,,`,,`,`,,`---

Documents Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 22:15:53 MDT

Full document details: NR NR-L3-TRK-3261 ISSUE 1 2009