

Letter of instruction

Information for users

The following document:

NR/L3/MTC/SE0207
Issue 1

has had changes made to it, most recently,
with effect from **06 March 2014**.

Instructions for use

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

NR/BS/LI/242	Issue 2	Expired 06 March 2014	Proceed to letter ►
NR/L3/MTC/SE0207	Issue 1	07 March 2009	Proceed to standard ►

For further information, please contact:

IHS Customer Support

Please click here to proceed to the Network Rail Standards' 'Support Contacts' for their latest contact details.

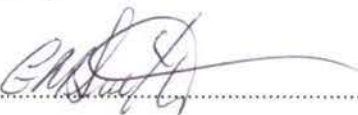
Ref:	NR/L3/MTC/SE0207
Issue:	1
Date:	7 th March 2009
Compliance date:	6 th June 2009

Level 3

Use of Lookout Operated Warning System (LOWS) Equipment

Endorsement and Authorisation

Endorsed by:



Graham Smith, Infrastructure Maintenance Safety Improvement Manager

Authorised by:



Dave Wynne, Head of Infrastructure Maintenance Strategy and Maintenance Standards Steering Group Chair

Accepted for issue by:



Mick 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

Ref:	NR/L3/MTC/SE0207
Issue:	1
Date:	7 th March 2009
Compliance date:	6 th June 2009

Issue record

Issue	Date	Comments
Draft	December 2008	
Issue 1	7 th March 2009	

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 06 June 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/SP/OHS/501	Track Warning Systems
NR/SP/OHS/019	Safety of People Working On or Near the Line
NR/L3/MTC/PL0094	Planning and documenting the safe system of work arrangements
LOWS Training Course materials and assessments	Zollner/Schweizer approved training plans and assessments
User manuals	Supplier equipment user manuals
LOWS Quick set up prompts	Operator prompts provided as training information

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. Tel: 01344 328039.

Ref:	NR/L3/MTC/SE0207
Issue:	1
Date:	7 th March 2009
Compliance date:	6 th June 2009

Contents

1 Purpose	4
2 Scope	4
3 Definitions	4
4 Procedure	5
4.1 Equipment	5
4.2 Care of LOWS Equipment	7
4.3 Pre-use LOWS equipment depot checks and tests	7
4.4 LOWS Set-Up and Operation	8
4.5 Finishing work	9
4.6 Managing Site Changes	10
4.7 Incident Response	10

Copyright Network Rail

Ref:	NR/L3/MTC/SE0207
Issue:	1
Date:	7 th March 2009
Compliance date:	6 th June 2009

1 Purpose

The purpose of this work instruction is to detail the consistent set up and operation of Lookout Operated Warning System (LOWS) equipment in use on the infrastructure by Infrastructure Maintenance staff.

2 Scope

Applies to all approved proprietary manufacturers equipment – currently available from Zollner and Schweizer.

Applies to all Infrastructure Maintenance staff and managers.

3 Definitions

LOWS	Lookout Operated Warning Systems – Electronic radio signal warning equipment that is operated by remote lookout hand sets to a central detection unit.
LOWS Controller	The competent person in charge of the set up and operation of LOWS equipment. The LOWS controller must hold the competence of COSS and can be the COSS of the group being protected by LOWS. He may work in conjunction with a COSS for a separate group being protected by LOWS distant from his own position.
LOWS Lookout	Lookout provided with a LOWS handset who looks out for trains and provides a warning via his handset to the Central unit for management by the LOWS CONTROLLER
Mapping	An exercise to establish a pre-determined Safe System of Work (SSoW) for the LOWS equipment at a given location. Establishes the optimum Lookout location and equipment location to provide an effective SSoW while under the protection of a conventional SSoW
Equipment “owner”	A member of staff assigned to manage the correct storage and maintenance for each set of equipment