

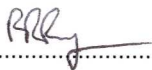
Ref:	NR/L2/TEL/30079
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Date:	7 th March 2009
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Level 2

Specification for the Maintenance of National Radio Network (NRN) and Overlay Radio Network (ORN)

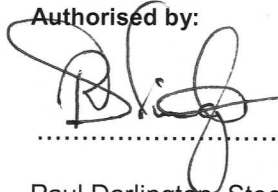
Endorsement and Authorisation

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Issue record

Issue	Date	Comments
1	June 2006	First Issue
2	March 2009	Renumbered, was NR/L2/TEL/30079. Responsibilities previously denoted within each appendix now removed and placed within section 4 (Responsibilities). Appendix D requirements strengthened. Appendix E added as a result of the withdrawal of TGEN 0129. Link added with section 2 (Scope) to indicate that the maintenance of NRN fixed terminal is now specified with NR/L2/TEL/30083

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 05/09/2009.

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/TEL/31001	Telecommunications Maintenance Testing & Failure Investigation
NR/L2/TEL/31002	Maintenance of Telecommunications Equipment
NR/SP/TEL/30026	Operation and Management of the National Radio Network
NR/L2/TEL/30074	Maintenance of Telecoms Earth and Screening Systems
NR/L2/TEL/30081	Maintenance of Telecommunications Power Plant and Batteries
NR/L2/TEL/30088	Maintenance of Antenna Systems and Feeders
GI/RT/7033	Lineside Operational Safety Signs

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1 Purpose

This instruction defines the maintenance requirements for the National Radio Network and Overlay Radio Network systems in use on Network Rail infrastructure.

2 Scope

This instruction applies to all maintainers engaged in the maintenance of National Radio Network and Overlay Radio Network equipment.

The maintenance of NRN fixed terminals (Ascom – Sintronics phones) is detailed with NR/L2/TEL/30083 Specification for the Maintenance of Telephone Instruments in Operational Buildings

The maintenance of Voice Recorder associated with NRN / ORN systems is detailed within NR/L2/TEL/30082 Specification for the maintenance of Voice Recorders.

3 Definitions (in addition to those defined in NR/L2/TEL/31002).

CCB

Channel Change Board

ECR

Electrification Control Room

ESSD

Electrostatic Sensitive Device(s)

FS

Fixed Station

MCU

Main Control Unit

NRN

National Radio Network

OCU

Overlay Control Unit

Ofcom

Office of Communications

ORN

Overlay Radio Network

RCO

Network Rail Regional Control Office

Main Earthing Terminal

The terminal or bar provided for the connection of protective conductors and connections to the Master Earth Electrodes.