

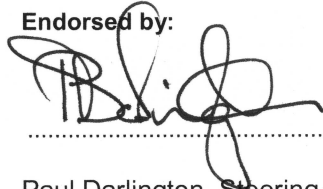
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Level 1

Network Rail Asset Management Policy - Telecommunications Engineering

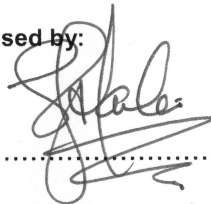
Endorsement and Authorisation

Endorsed by:



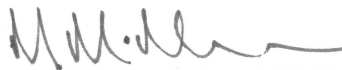
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Issue record

Issue	Date	Comments
1	September 2009	New document

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 5 September 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

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1 Purpose

The purpose of this document is to set the principles of how Telecommunications Assets are to be managed through their life-cycle to meet the defined output requirements for each Route.

2 Scope

2.1

This policy supports the overall Network Rail Asset Management Policy and is a part of a series of policies published by each engineering discipline. It covers the full life cycle management of Telecommunications Assets from design, through construction, operation, inspection and maintenance to decision to renew, alter or take out of use.

2.2

Telecommunications Assets provide the communication links between both people and equipment that are vital to the efficient operation of the railway.

Essential train running information is provided directly to passengers at stations by Telecommunications Assets.

2.3

There are no specific outputs relating to telecommunications, but high performing telecommunications assets support the achievement of train performance and punctuality targets, cost efficiency targets and required outputs.

There is a defined Key Performance Indicator (KPI) identified for Telecommunications Assets as part of the Asset Stewardship Index (ASI) that objectively indicates impact on train performance and asset condition.

2.4

Network Rail's telecommunications assets are grouped into three technology areas:

- Operational Communications;
- Communication Networks;
- Station Information and Surveillance Systems (SISS).

2.5

Essential systems supported include:

- Bearer systems for electrification and signalling control;
- Lineside to signaller communication;
- Driver to signaller and control radio;
- Telephone concentrators;
- Driver only operation (DOO) CCTV;
- Level crossing telephone systems;
- Voice recorders;
- Cable and transmission systems;