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Guidance on ERTMS National Identities Management

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Guidance on ERTMS National Identities Management

Issue record

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One	March 2012	Supports national deployment of the European Rail Traffic Management System (ERTMS).

Superseded documents

This Rail Industry Guidance Note does not supersede any other Railway Group documents.

Supply

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Part 1 Introduction

1.1 Purpose of this document

- 1.1.1 This document gives guidance on interpreting the requirements of Railway Group Standard GE/RT8072 issue one 'ERTMS National Identities Management'. It does not constitute a recommended method of meeting any set of mandatory requirements.
- 1.1.2 Relevant requirements in GE/RT8072 are reproduced in the sections that follow. Guidance is provided as a series of sequentially numbered clauses prefixed 'GN' immediately below the boxed text to which it relates.
- 1.1.3 Specific responsibilities and compliance requirements are laid down in the Railway Group Standard itself.

1.2 Scope

- 1.1.4 The GB ERTMS National Identities set within the scope of GE/RT8072 include the following ERTMS variables: NID_C, NID_BG, NID_ENGINE, NID_MN, NID_KMC, NID_RADIO, NID_RBC, NID_LOOP, NID_RIU, NID_STM and NID_XUSER.
- 1.2.1 The requirements in GE/RT8072 apply to any new ERTMS National Identities that might be introduced in the future.
- 1.1.5 Subset-054 sets out the European Railway Agency process for the management of variables. The version cited in legislation at the time of publication of this Guidance Note is v2.0.0, but later versions are known to exist (up to at least v2.0.6 and possibly v2.1.0).
- 1.1.6 ERA_ERTMS_040001 sets out the ranges of values allocated in accordance with Subset-054.
- 1.1.7 Subset-054 and ERA_ERTMS_040001 set out the following additional variables: M_LOADINGGAUGE, M_TRACTION, NC_TRAIN, Q_TEXT which are not included in the scope of this document because they are not national identities.

1.3 Principles

- 1.3.1 The requirements in GE/RT8072 set out to achieve the following principles:
 - a) A unique ERTMS identity is allocated for each ERTMS entity.
 - And
 - b) There is a single coordinator for GB ERTMS National Identities.
- 1.3.2 A unique ERTMS identity of an ERTMS entity could be achieved by concatenating with the associated unique ERTMS location identity (that is to say, NID_C + NID of the entity).

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