ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) LOCATIONAL FUNCTIONAL UNIT (GENERIC)

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Learning Legacy Document

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1 Introduction

Not Applicable

1.1 LFU Details

Class Code: Applicable to all LFUs

Class Name:

Class Type: Locational

1.2 Description

The Locational Functional Unit (LFU) is defined by all the Functional Units and assets that make up and support the Primary Functional Unit at a defined LCS1 area. The Locational Functional Unit is a subset of a PFU where systems span across two or more locations such as Geographic Facilities. The systems that typically span multiple Geographic Facilities include:-

- Radio
- Cable Management
- CCTV
- Data Networks
- Earthing
- Tunnel Ventilation
- Track
- Overhead Line
- HV Power
- Fibre Optic Networks
- Train Control
- Track drainage
- Etc., etc.

A Locational Functional Unit represents a part of the railway that is not typically operated as a single sub-system. For example, the assets making up the Track system would be grouped together as a Locational Functional Unit within an LCS1 location but are not part of a single operated system as they would form part of a wider system at Primary Functional Unit level.

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031), in the following format:

PFU-<PFU Type Code>-<Incremental number to ensure uniqueness>

e.g. PFU-2-01234e.g. PFU-2-12345

2.1 Example Images

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3 Related FUs and PFUs

All information on the configuration of FUs to LFUs and PFUs is contained within the latest revision of the Asset Data Dictionary Master Configuration Document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

4 Related L Classes

All information on the configuration of asset classes (L-Class) to LFUs is contained within the latest revision of the Asset Data Dictionary Master Configuration Document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

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5 Attributes

5.1 Generic Attributes

All Classes of LFU will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

CRL1-XRL-Z3-ADDSD-CR001-50862 - AD4 – PFU-FU – Generic Attributes

5.2 Class Specific Attributes

Class specific attributes are not expected to be required for LFUs.

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6 Labelling

Not Applicable

7 Other Information

Not Applicable

8 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- Asset Information Provision Procedure - CRL1-XRL-Z3-GPD-CR001-50004
- Crossrail Asset Information Fundamentals - CRL1-XRL-Z3-GPD-CR001-50007
- Asset Information Glossary - CRL1-XRL-Z3-GUI-CR001-50012
- Asset Information Management Plan - CRL1-XRL-Z3-STP-CR001-50002

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