ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Track Drainage

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Learning Legacy Document

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Contents

1 Introduction 3
1.1 PFU Details 3
1.2 Description 3
2 Asset Tag Identification Rules 3
2.1 Example Images 3
3 Related FUs 4
4 Related L Classes 4
5 Alternative Identification 4
6 Attributes 5
6.1 Generic Attributes 5
6.2 Class Specific Attributes 5
7 Labelling 6
8 Other Information 6
9 Reference Material 6

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1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU042
Class Name:	Track Drainage
Class Type:	Linear/Functional

1.2 Description

The Track Drainage function is to remove water that collects along the route of the track both in and outside of the running tunnels. Water is pumped from sumps located in the Track system and from there to discharge chamber into sewers.

The pumping system includes: sump pumps, pipework, cabling, CMS, benching within sumps, stilling baffles, screens in station sumps, valves, level control, hydrocarbon detection, forced ventilation for sumps in tunnel niches and cross passages, sump lighting, motor control centres (MCCs) with integrated pumping control systems, clamps, couplings, expansion joints, supports, anchors, earthing and bonding, support steelwork, ladders, platforms, handrails, flooring over sumps (including hatches and removable covers), lifting beams, and lifting hoist system.

The Track Drainage infrastructure is a linear route wide asset and therefore the whole system is considered a single Primary Functional Unit (PFU).

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-1-01234e.g. PFU-1-12345

2.1 Example Images

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3 Related FUs

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

5 Alternative Identification

The following table identifies any alternative identification which can be applied to this class of PFU and the description/purpose of the identification

Alternative Identification Name	Alternative Identification Description	Alternative Identification Extended Description
Not Applicable		

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6 Attributes

6.1 Generic Attributes

All Classes of PFU 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-CR001-50634 - AD4 – PFU – Generic Attributes

6.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this PFU class.

Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Not Applicable					

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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7 Labelling

Not Applicable

8 Other Information

Not Applicable

9 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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