ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L4181841 – AUTOMATIC DOOR MECHANISM

Learning Legacy Document

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3.0	17-Dec-2014	Kemi Olawale	[redacted]	[redacted]	Description Amended
4.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

Not Applicable

1.1 Asset Details

Class Code:	L4181841
Class Name:	Automatic Door Mechanism
Class Lineage:	Construction Products>Access, barrier and circulation products>Doors, windows, etc. (access products)>Ancillary products for doors and windows>Door furniture>Locks>Automatic Door Mechanism

1.2 Description

The Automatic Door Mechanism is part of the Platform Screen Door (PSD) system. Each Automatic Door of the PSD system is maintained in a locked state unless a valid Door Open command is received from the Signalling & Control System (S&CS). The Door Open command is generated (and the Automatic Door Mechanism opens the Automatic Door) only when it is safe to do so, when a train is correctly berthed adjacent to the PSDs. In the absence of this command the Automatic Door remains locked, protecting passengers on the platform and preventing track access.

1.3 Related Functions

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

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:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. C125-TSP-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

2.1 Example Images

No image available

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3 Attributes

3.1 Generic Attributes

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

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

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

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Lock Type		PD		Electronic Hook Mortice Padlock	Type of lock
Current (Amps)	Amps	NU	0		Current required to operate lock
Operating Voltage (Volts)	Volts	NU	0		Voltage required to operate lock

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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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- <ADD OTHER REFERENCE DOCUMENTS HERE>

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8 Crossrail Technical Approvals

Name	Role	Date
Frank Foley	PSD Lead Engineer	19-Sep-2014

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