ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Escalator

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1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU049
Class Name:	Escalator
Class Type:	Geographic

1.2 Description

An Escalator Primary Functional Unit (PFU) is a conveyor transport device for carrying people between floors of a building. The device consists of a motor-driven chain of individual, linked steps that move up or down on tracks, allowing the step treads to remain horizontal.

Each individual escalator shall be considered an instance of a Primary Functional Unit (PFU).

Escalator Support Frames are counted as part of the Escalator Structure.

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-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
LU Asset Number	Used to identify the asset by its LU Asset ID	The LU Asset ID is made up of the LCS1 code as well as the LU Asset Instance number.

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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
LU Asset Reference Number		CH			London Underground's unique reference number for the asset
Type of Escalator		PD		Heavy Duty Metro	Type of escalator installed. On CRL all escalators should be of one type.

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Lowest Level (Metres)	Metres	NU	3		The 6 figure grid reference given for the escalator location at its lowest floor level.
Highest Level (Metres)	Metres	NU	3		The 6 figure grid reference given for the escalator at its highest floor level.
Total Rise (Metres)	Metres	NU	3		The distance in metres between the lowest floor level and highest floor level.
Esc Type		PD		A B C D E F	The escalator type defined by the rise of the escalator and the design requirements.
Number Required (#)	#	NU			The station designation number as per the station design for the escalator.

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Date of Installation		DA			Date of installation. The last day of installation works should be used.

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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