ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Private Mobile Radio (PMR) Radiating Infrastructure

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50591**

Document Revision: **1.0**

Learning Legacy Document

Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	12-May-2015	[redacted]	[redacted]	[redacted]	First Issue

This document contains proprietary information. No part of this document may be reproduced without prior written consent from the chief executive of Crossrail Ltd.

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited **RESTRICTED**

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

Contents

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

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU036
Class Name:	Private Mobile Radio (PMR) Radiating Infrastructure
Class Type:	Linear/Functional

1.2 Description

The PMR Radiating Infrastructure shall provide a common radiating infrastructure for the Radio Systems in the Central Section. Whilst the PMR Radiating Infrastructure shall be passive the PMR Radiating Infrastructure shall comprise but not be limited to the following:

a RF Combiners

b Passive splitter / couplers

c Protection devices

d Crossover filters

e Bandpass/bandstop filters

f Antennas (for all radio services)

g Radiating cable

h Low loss cable, jumper cable & connectors.

The PMR Radiating 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

Not Applicable

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

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		

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

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)

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

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
- C170-XRL-R3-RSP-CRG03-50001 - 2C Part 10 Communications and Control Systems Performance Specification Private Mobile Radio (PMR) Radiating Infrastructure
-

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED