ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
CTN – TUNNELS FUNCTION

Document Number: **CR-XRL-Z3-ADDSD-CR001-50001**

Document Revision: **3.0**

Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	11-Jun-2012	Bryce Lane	[redacted]	[redacted]	First Issue
3.0	14-Jan-2015	[redacted]	[redacted]	[redacted]	Updated to Standard Template Format

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1 Introduction

1.1 Purpose

The purpose of this document is to propose options for the identification and classification of Tunnel assets.

1.2 Function Details

Function Code:	CTN
Function Name:	TUNNELS FUNCTION

1.3 Description

The Function “Tunnels” (CTN) will be used to describe all structures that comprise the running tunnels, platform tunnels, passenger tunnels, maintenance tunnels, ventilation tunnels, tunnel cross passages, platform tunnels, headwalls between two tunnel elements, openings between two tunnels elements, mid tunnel sumps and crossovers. This includes segmental tunnel linings (either concrete or cast iron segments), sprayed concrete lined tunnels, cast in situ lined tunnels and inherited brick tunnels (such as Connaught Tunnel).

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. N105-CTN-00100

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3 Scope

3.1 Related L Classes

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)

3.2 Location Codes

The Crossrail central section route is divided up into a number of London Coding System sections. The LCS code is used as part of the unique asset identification numbering system.

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

3.3 Out of Scope Items

Items out of scope of the Tunnels Function are:

- Portal Structures
- Station Structures
- Headwalls when meeting a Portal or Station
- Tunnel systems e.g. emergency lighting, fire detection etc.
- Retaining systems
- Drainage assets except mid tunnel sumps
- Track formation assets
- System Wide assets (telecoms, signalling, traction power etc.)
- Evacuation walkways

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4 Other Information

Not Applicable

5 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

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