ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L215613 – COM BOARD

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1.0	19-Sep-2014	[redacted]	[redacted]	[redacted]	First issue
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1 Introduction

1.1 Asset Details

Class Code: L215613

Class Name: COM Board

Class Lineage: Construction Products>Civil Engineering Works Products>Transport Control and Monitoring Products>Signalling Products>Automatic Train Control>Axle Counter System>COM Board

1.2 Description

A COM Board is located within a Rack and held in place by a Slot Interface. The COM Board is pre-loaded with software that is designed to control equipment that may be remotely located such as signal systems, Axle Counters, etc. The COM Board is located in the Slot and push fits to the interface at the back of the Rack. A number of screws (usually 2) hold the COM Board to the Rack frame. The software on the COM Board can often be updated remotely or by replacing the COM Board with another.

Some COM Boards can house a further memory card such as a CFD Card which holds further software.

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-ATC-12345

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2.1 Example Images

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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
CFD Card Fitted		PD		Yes No	Is the COM Board able to hold a further memory card such as a CFD Card
Software configuration		CH			Type of software loaded onto COM Board.
Length (Millimetres)	Millimetres	NU	0		Outer dimensions of COM Board excluding any protruding cables.
Width (Millimetres)	Millimetres	NU	0		Outer dimensions of COM Board excluding any protruding cables.
Height (Millimetres)	Millimetres	NU	0		Outer dimensions of COM Board excluding any protruding cables.
System Use		CH			Primary use of system e.g. Axle counter evaluator, communication servers, object controllers, etc.

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
[redacted]	Signalling Manager	19-Sep-2014

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