

Category I Standard

S1035

Location coding system

Issue No.: A3

Issue date: December 2013
Review date: December 2018

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1 Purpose

- 1.1 The purpose of this standard is to define the Location Coding System (LCS) which is one of the methods used to identify locations on London Underground's infrastructure.

2 Scope

- 2.1 This standard covers the configuration of the code structure and the basic rules for its application.

3 Requirements

3.1 General

- 3.1.1 The Location Coding System has two components:
- a) a linear coding system for identifying locations relative to established datums on the LU track centreline.
 - b) a building coding system for identifying areas within buildings
- 3.1.2 The two systems comprise a string of separate codes (see Figs 2 & 3). The first code (known as Level 1), which identifies stations and the sections of track between stations (see Fig. 1 below), is common to both systems.

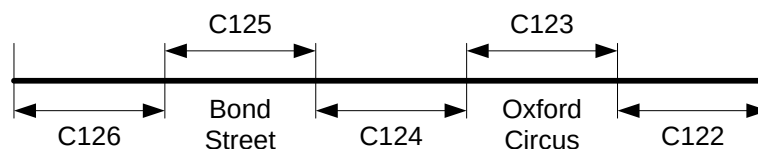


Figure 1: Example of Level 1 Codes

- 3.1.3 Stations shall be odd number Level 1 codes, sections between stations shall be even number Level 1 codes (see example in Fig. 1 above).
- 3.1.4 Depots shall be assigned a modified Level 1 code (with an extra "D" character). See 3.2.4 for details.
- 3.1.5 Level 1 codes shall run sequentially, with numbers increasing in a south or west direction.
- 3.1.6 The number "001" is reserved to refer to the entire line (e.g. "C001" means the entire Central line).
- 3.1.7 Any new branch or extension shall be numbered starting with a new block of 10.
- 3.1.8 Location codes are issued by the Engineering Information team and published on the LU intranet.

3.1.9 Once a location code has been issued it shall not be withdrawn, reallocated or changed.

3.2 Code Structure – Linear Coding System

3.2.1 The code structure illustrated below in Fig 2 shall be used to define locations relative to the track centre line, within the LU property boundary.

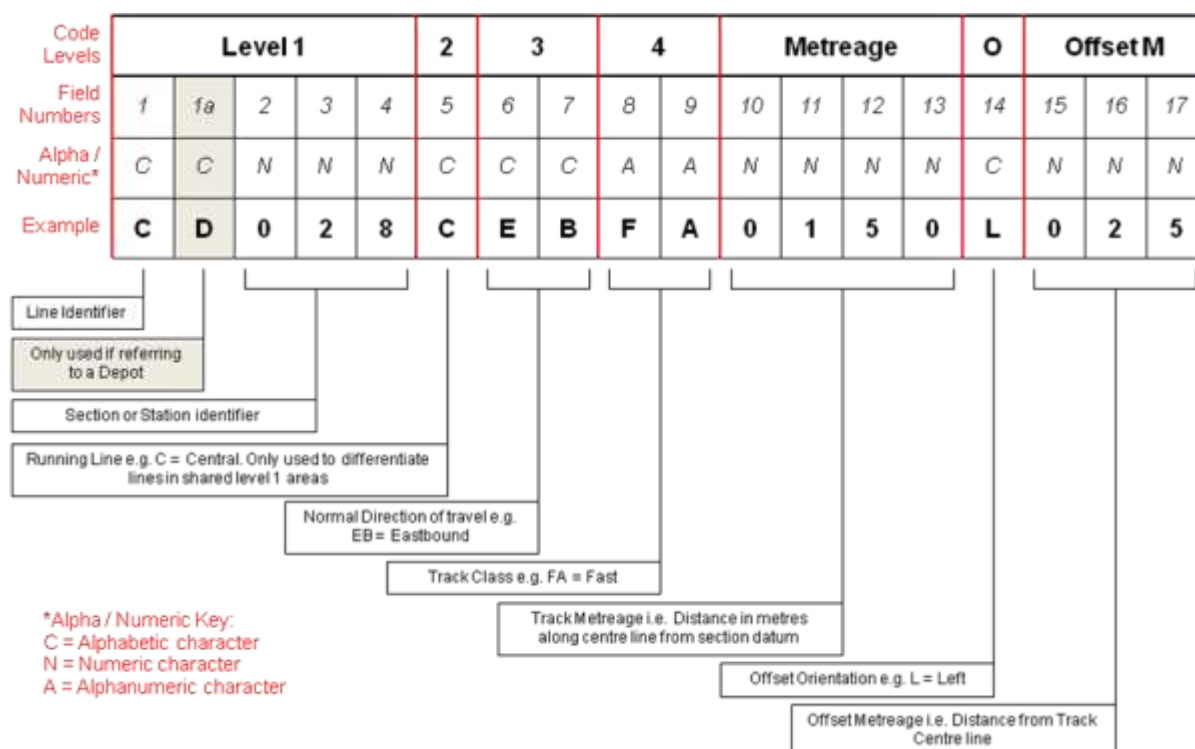


Figure 2: Linear Referencing Code Structure

3.2.2 Locations shall be measured from the Level 1 boundary datum point (see 3.2.9) in the direction of increasing level 1 code numbers.

3.2.3 All metreages shall be to the nearest metre.

3.2.4 The second field (field #1a) shall only be used if the code refers to a Depot. If used the field shall always be “D”, e.g. N041 = Golders Green Station, ND041 = Golders Green Depot.

3.2.5 The field for ‘Offset’ (field #14) shall be “L” (left) or “R” (right), facing in the direction of increasing level 1 code numbers.

3.2.6 Level 2 codes shall be a single character, assigned as shown in the table below:

Code	Description
B	Bakerloo
C	Central