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Level 3

Track Patrolling

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1 Purpose

This module describes the management of track patrolling activities, to achieve a consistent approach across the network to improve the reliability and quality of Basic Visual Inspection and develop the skill and competence of staff.

2 Scope

This module is for use by Section Managers [Track] (SM[T]) and applies to basic visual inspection activity as set-out in NR/L2/TRK/001 module 2.

The procedure does not include arrangements for:

- SM[T] and TME Inspections
- Special inspections (for example those associated with hot weather, adverse weather, following an incident report or flooding).

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3 Definitions

High Risk / Complex / unusual track configurations	<p>Examples given below :</p> <ul style="list-style-type: none"> • High risk locations: High Cant Deficiency curves, track with high density of defects, obsolescent fastenings (e.g. Pan 8) and tunnels • Complex layouts: Station throats, switch diamonds and double slips • Unusual track configurations: Swing bridges, longitudinal timber bridges and structures with direct fastenings
Patrol	Refers to an inspection uniquely referenced on an Inspection Diagram.
Patroller	An individual trained and certificated to undertake basic visual inspections of the track assets (includes regular patroller).
Patrolling (Basic Visual Inspection (BVI))	<p>To inspect track condition (that is the components, geometry and off track features) and carry out minor maintenance as detailed in NR/L2/TRK/001/A01 using visual assessment and basic track tools whilst walking within the length of the sleepers, typically in the 'four-foot'.</p> <p>To take immediate action when the track becomes unsafe for trains.</p> <p>To report track asset conditions likely to become safety critical or adversely affect performance due to deterioration with time, weather exposure and/or the passage of traffic in the following 4 weeks (M1 horizon as defined in NR/L2/TRK/001/E01).</p> <p>It is not necessary to take measurements during track patrolling.</p>
Inspection Diagram	A standard format diagram (in accordance with NR/L2/TRK/001/A01) with a unique reference detailing for example, geographic limits, assets to be inspected and any special technical requirements.
Repeat defect	A defect which has previously been reported and repaired but has reappeared
Regular Patroller	<p>An individual certificated to undertake basic visual inspections of the track assets - who carries out at least 50% of the patrols for a referenced Track Patrol during a period of 6 months.</p> <p>The rules defining allocation of Regular Patrollers are defined in 4.3.2 below.</p>
Walkout report	A report produced by the Ellipse work management system that details outstanding and completed work for a specified section of track.