

RFLI - Rail for London (Infrastructure) Ltd

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Crossrail Central Operating Section Engineering Access Statement 2024

Applicable from Sunday 10th December 2023 to Saturday 15th December 2024

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Document History

Revision	Date	Change
0.0	30/09/2022	Proposal for informal review
1.0	20/10/2022	Consultation Version
2.0	01/02/2023	Version for Use
3.0	28/03/2023	Updated version – Section 7 amendments from MTR feedback and Network Rail alignment
4.0	14/07/2023	Final Version

Record of Holds in Document

Specify any Holds within the document.

Hold No	Section	Description of Hold	

Revision Tracking

Specify significant change from previous revisions of the document. (From Rev. 1.0 onwards)

Revision	Section	Description of Change
2	7	Wk 39 (Christmas 2023) ELR 500 redesignated as ELR 410 with corrected timings
2	7	Maintenance possession week 9 moved to week 7
2	7	Week 52 ELR 500 Easter commissioning plus related Over & Back testing in Week 47 added
2	7	New provision for cyclical LF EPA Radio testing Week 45
2	7	Maintenance possession week 31 moved to week 34 to align with HAL closure
3	7	ELR 500 Over & Back testing moved from Week 47 to week 43
3	7	Maintenance possession week 46 moved to week 47 to avoid clash with Piccadilly line 4 day blockade
3	7	Week 45 LFEPA testing deleted
3	7	Week 21 maintenance possession moved to Week 27 to align with new NR Anglia closure.
3	7	Week 52 ELR 500 reverting to 4 day closure
4	7	Week 39 (Christmas 2023) redesignated and reduced duration 26hour T3 maintenance possession

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1. INTRODUCTION

1.1 Purpose

- 1.1.1 This document is the Crossrail Central Operating Section Engineering Access Statement (CCOS EAS) valid for the period Sunday 10 December 2023 to Saturday 15 December 2024 inclusive.
- 1.1.2 CCOS EAS defines standard times during which inspection, maintenance and renewal activities may take place without disruption to timetabled services. It also identifies occasions when additional works will be necessary during traffic hours for such work to be undertaken.
- 1.1.3 This document has been prepared in accordance with Rail for London (Infrastructure) Limited (RFLI) CCOS Network Code (clause D2.2) and meets the requirements of RFLI-GEN-SD-SDD-0001- Principles, Timescales and Functional Responsibilities for CCOS Engineering Access Planning.

1.2 Scope

- 1.2.1 This document is applicable to the CCOS railway infrastructure owned and managed by RFLI.

1.3 Reference Documentation

- 1.3.1 CCOS Network Code Part D (Timetable Change)
- 1.3.2 RFLI-GEN-SD-SDD-0001- Principles, Timescales and Functional Responsibilities for CCOS Engineering Access Planning
- 1.3.3 RFLI-MTC-MA-PRO-0004 Crossrail Central Operating Section Planning Process Module 01 (Long-term)
- 1.3.4 RFLI-MTC-MA-PRO-0001 Crossrail Central Operating Section Planning Process Module 02 (Medium Term)
- 1.3.5 RFLI-MTC-MA-PRO-0003 Crossrail Central Operating Section Planning Process Module 03 (Short-term)
- 1.3.6 CRL1-XRL-O8-RSP-CR001-50015 - Crossrail Programme Functional Requirement Baseline 7.0
- 1.3.7 CCOS Rule Book - Module COS/T3 - Possession for Engineering Work in The Central Operating Section
- 1.3.8 RFLI-ENG-MA-SDD-0002 – Working on or About 25kV AC
- 1.3.9 RFLI-OPS-OP-REP-0031 - RFLI/ NR Interface Protection Principles
- 1.3.10 RFLI-GEN-HS-PRO-0006 - RFLI Change Assurance Framework
- 1.3.11 RFLI-OPS-OP-PLN-0018 - RFLI Network Access Change Control Procedure
- 1.3.12 RFLI-ENG-BP-PRO-0001 - Configuration management of changes to RFLI Elizabeth Line engineering assets

1.4 Applications for Possessions

1.4.1 Applications for possessions should be made at all times in accordance with RFLI's possession planning process. Please refer to the following Planning Process modules:

- RFLI-MTC-MA-PRO-0004 Crossrail Central Operating Section Planning Process Module 01 (Long-term)
- RFLI-MTC-MA-PRO-0001 Crossrail Central Operating Section Planning Process Module 02 (Medium Term)
- RFLI-MTC-MA-PRO-0003 Crossrail Central Operating Section Planning Process Module 03 (Short-term)

1.4.2 For details of the mechanism for applying for possessions, contact RFLI-NetworkAccess@tfl.gov.uk.

1.4.3 The information required at the application stage is provided in clause 3.1 below.

1.4.4 Outline sequence of activities:

- Continuous Engineering Access Planning (a 5-year rolling horizon)
- TT-61 to TT-45 Develop and publish CCOS EAS
- T-44 to T-26 Build the Period Possession Plan
- T-26 to T-12 Amend the Weekly Timetable
- T-12 to T-4 Finalise the Weekly Delivery Plans
- T-4 to T-0 Make network available for Short Term Plan (STP) services

1.5 Specific Planning Arrangements

1.5.1 Possessions within the times defined in Section 4 of this document shall be given up for the passage of Structure Gauging, Ultrasonic Test, or any other infrastructure inspection, measurement and testing trains as determined by RFLI Maintenance.

1.5.2 Train planning teams must request and obtain confirmation from the RFLI Network Access prior to submitting a train schedule that runs afoul of possessions in the CCOS EAS or the timings given in Section 4.

1.5.3 To deliver the operational objectives as stated in CCOS Network Code Part H, consideration should be given to:

- finding alternative approaches to avoid the need for a disruptive possession;
- making use of reversible working functionality (subject to an assessment of platform crowd management);
- plan work into an existing possession;
- releasing parts of the line during a possession (e.g., staggered start and finish times for each line); or
- Using fewer longer or more shorter possessions.

1.6 Train Operating Company Consultation

- 1.6.1 **CCOS Draft Period Possession Plan (CCOS DPPP).** Every 4 weeks a detailed programme of proposed engineering works covering a 4 week period will be issued as the CCOS DPPP 30 weeks before the start of the 4 weeks concerned. This will contain details of proposed disruptive possessions, together with any non-disruptive possessions.
- 1.6.2 **CCOS Confirmed Period Possession Plan (CCOS CPPP).** A CCOS CPPP will be issued 26 weeks prior to the start of the relevant 4 weekly period giving sufficient details of planned disruptive possessions to enable an assessment of train alterations to be made. RFLI will advise details of Disruptive Possessions at this stage as part of the Informed Traveller process.
- 1.6.3 **Trains Meetings.** In certain instances, prior to the conclusion of train operating company (TOC) consultation, RFLI may arrange a Trains Meeting for all affected TOCs. This is most likely where a particular possession, or series of possessions, will result in significant train alterations. Trains meetings will be held to:
- outline the likely disruptive effects;
 - determine train alterations required; and
 - agree an outline train plan
- 1.6.4 A TOC may request a meeting with RFLI to discuss concerns arising from 1.6.3.
- 1.6.5 In constructing their Access Proposals, TOCs should consider the capacity constraints noted. Where any form of reduced track capacity is indicated in this CCOS EAS, it applies between adjacent crossovers only, unless such work can be accommodated within the time allowances shown in CCOS TPR.
- 1.6.6 If a TOC wishes to make a Spot Access Proposal or protect the slot of an existing train slot which is not compliant with this CCOS EAS, it should first consult with RFLI NS&P Team to establish whether an amendment is likely to be agreed and, if appropriate, submit an amendment proposal which will be considered by RFLI in accordance with clause 1.6.2 above. The CCOS EAS amendment proposal should be submitted to RFLI as early as possible or with the submission of the Spot Access Proposal.
- 1.6.7 Apart from emergency possessions, planned possessions shall be agreed 26 weeks in advance of the relevant week. After this time RFLI will usually support an CCOS EAS amendment proposal to allow acceptance of a Spot Access Proposal which does not conflict with planned possessions. Where a Spot Access Proposal relates to the carriage of exceptional numbers of passengers in connection with a sporting or other public event, RFLI recognises that it may be appropriate to cancel possessions to allow the Spot Access Proposal to be accepted.

1.7 Timetable Periods

- 1.7.1 For 2023 the engineering timetable periods are proposed as specified in Table 1-1 below.

Table 1-1: Engineering Timetable Period Dates

Period	Start Date and Time	End Date and Time	Sundays
Period A	0001 Sun 10/12/2023	2359 Sun 31/12/2023	(4 Sundays)
Period B	0001 Mon 01/01/2024	2359 Sun 11/02/2024	(6 Sundays)
Period C	0001 Mon 12/02/2024	2359 Sun 24/03/2024	(6 Sundays)
Period D	0001 Mon 25/03/2024	2359 Sat 11/05/2024	(6 Sundays)

Period	Start Date and Time	End Date and Time	Sundays
Period E	0001 Sun 12/05/2024	2359 Sun 16/06/2024	(6 Sundays)
Period F	0001 Mon 17/06/2024	2359 Sun 28/07/2024	(6 Sundays)
Period G	0001 Mon 29/07/2024	2359 Sun 08/09/2024	(6 Sundays)
Period H	0001 Mon 09/09/2024	2359 Sun 20/10/2024	(6 Sundays)
Period J	0001 Mon 21/10/2024	2359 Sat 15/12/2024	(7 Sundays)

1.8 Key Timetable Event Dates

- 1.8.1 Key timetable event dates refer to significant changes to the timetable anticipated in the relevant year.
- 1.8.2 Significant changes relate but are not limited to changes in rolling stock (e.g., introduction of new types) and infrastructure remodelling.
- 1.8.3 Significant timetable events affecting CCOS are provided in Table 1-2 below:

Table 1-2: Key Timetable Events

Date	Event
N/A	None Expected

1.9 Bank Holidays

- 1.9.1 The 2023 Bank Holiday calendar is provided in Table 1-3 below:

Table 1-3: Bank Holiday Dates

Week	Event
39	Mon 25 th December 2023 Christmas Day
39	Tue 26 th December 2023 Boxing Day
40	Mon 1 st January 2024 - New Year's Day
01	Fri 29 th March 2024 - Good Friday
02	Mon 1 st April 2024 - Easter Monday
05	Mon 6 th May 2024 – Early May Bank Holiday
09	Thu 27 th May 2024 – Spring Bank Holiday
22	Mon 26 th August 2024 - Summer Bank Holiday

1.10 Daylight saving time

- 1.10.1 Spring (1 hour forward, British Summer Time): Sunday, 31st March 2024, 01:00 am.
- 1.10.2 Autumn (1 hour back, Greenwich Mean Time): Sunday, 27th October 2024, 02:00 am.

1.11 Change Procedure

- 1.11.1 The Change Procedure RFLI-OPS-OP-PLN-0018 has been devised in accordance with CCOS Network Code Condition D 2.2.7 to provide a means of updating the CCOS EAS and/or CCOS TPR other than through the twice-yearly process having effect from the Passenger Change Dates.
- 1.11.2 This procedure will be used by RFLI to add, substitute, or delete engineering access opportunities contained within CCOS EAS. All possessions so agreed will be regarded as being within CCOS EAS.

- 1.11.3 RFLI is committed to the achievement of the Informed Traveller deadlines allowing details of amended train services to be available 12 weeks prior to the intended date of operation.
- 1.11.4 RFLI will consult with Operators regarding possessions and other capacity restrictions which are disruptive to agreed train slots in sufficient time to allow details of those disruptive possessions to be included in a CCOS Confirmed Period Possessions Plan which will be published 26 weeks prior to the start of each 4-week period.
- 1.11.5 Where a need arises to amend the CCOS EAS to cater for an urgent safety requirement or other emergency situations, all parties concerned will co-operate in accelerating the normal timescales in this Procedure commensurate with the urgency of the circumstances.

1.12 Changes Initiated by Train Operating Companies

- 1.12.1 A TOC may propose changes to any part of CCOS EAS affecting or likely to affect that TOC.
- 1.12.2 The TOC shall submit a written statement of the proposed change and a concise explanation of the reasons for that change to the Network Strategy and Performance Manager, who will acknowledge receipt within 5 working days of receipt of the proposed change.
- 1.12.3 RFLI shall notify all affected TOCs details of the proposed change and RFLI's comments including concise reasons for the change and a statement as to whether RFLI supports the proposal.

1.13 Changes Initiated by RFLI

- 1.13.1 RFLI may propose changes to any part of this CCOS EAS at any time.
- 1.13.2 RFLI shall notify to all TOCs affected details of the proposed change including a concise explanation of its reasons which may include a dependency on adjacent Infrastructure Managers.
- 1.13.3 Proposed changes to CCOS EAS arising before publication of the CCOS DPPP shall be notified to TOCs by RFLI in the issue of that document.

1.14 Response by TOCs

- 1.14.1 Each TOC receiving notification of a proposed change in accordance with paragraphs 1.14.2 or 1.14.3 above will consider that proposal and respond to RFLI within 5 working days from receipt of the notification, indicating:
1. its agreement to the proposed change; or
 2. details of a counterproposal and an explanation of its rationale.
- 1.14.2 Any TOC whose response is not received by RFLI within 5 working days will be deemed to have agreed to the proposed change and will forfeit any right of appeal.

1.15 Decision by RFLI

- 1.15.1 RFLI shall give due consideration to responses received from TOCs in accordance with paragraph 1.15.1 above and shall decide which changes, if any, should be made to CCOS EAS.
- 1.15.2 RFLI shall have due regard to the Decision Criteria provided in CCOS Network Code Condition D6.
- 1.15.3 RFLI will notify its decision to each affected TOC within 5 working days of the last date for receipt of responses under paragraph 1.15.2 above.

1.15.4 A TOC may Appeal in accordance with CCOS Network Code Condition D2.2.7.

1.15.5 Any Appeal must be referred to the CCOS Access Disputes Secretary in accordance with the timescales shown in CCOS Network Code Condition D5.

2. GLOSSARY

Abbreviation	Description
CCOS	Crossrail Central Operating Section
CPPP	Confirmed Period Possession Plan
DPPP	Draft Period Possession Plan
EAS	Engineering Access Statement
EPA	Engineering Protection Area
ES	Engineering Supervisor
NR	Network Rail
OTP	On track plant
PICOP	Person in Charge of a Possession
PON	Period Operating Notice
RfL	Rail for London
RFLI	Rail for London Infrastructure Ltd.
STP	Short Term Plan
TfL	Transport for London
TOC	Train Operating Company
TPR	Timetable Planning Rules
TSR	Temporary Speed Restriction
WON	Weekly Operating Notice
WTT	Working Timetable

3. GUIDELINES FOR GRANTING POSSESSIONS

3.1 Possessions Planned in Traffic Hours

3.1.1 Maintenance and renewal of assets and systems are planned to be carried out within the scope of the times given in Section 4 and during traffic hours possessions limited to a maximum of two 52-hour closure periods per annum (as per Crossrail Programme Functional Requirements CPFR5039 and CPFR5040).

3.1.2 Additional provisions for essential signal and control systems software upgrade commissioning and associated advanced testing works have been made to support the next phases of the Elizabeth Line opening.

3.1.3 A possession strategy notice may be issued where a sequence of extensions to Standard Possession Opportunities to enable works to be broken down and conducted in a series of smaller disruptive possessions of a regular or repeating pattern. Possession Strategy Notices are issued under CCOS Network Code Clause D6.1.

3.1.4 Possessions currently planned for traffic hours during the timetable year are provided in Table 7-1 in Section 7 below.

3.2 Information Required from requestors when submitting Possession Requests

3.2.1 The following detailed information will be required from requestors when submitting possession requests:

- Proposed date, start and finish time of possessions;
- Proposed method(s) of protection such as Engineering Protection Areas (EPA) and adjacent Infrastructure Manager protection to be created and their reference numbers listed;
- Geographical extent of the possession (as shown in CCOS Sectional Appendix) and worksite location (in metres);
- Start and finish times and geographical extent (as shown in the Sectional appendix) of electrical isolation;
- The nature of work being undertaken in the worksites;
- Tunnel ventilation modes and applicable arrangements;
- The extent of any Transit Zone (if required)
- Loss of, or reduction in, any signalling facilities affected outside the Possession Outline infrastructure train requirements;
- The movement of any engineering trains or on-track plant (OTP) requirements (in detailed form rather than outline if at less than 32 weeks) and if a possession zone is to be imposed around a stationary engineering train;
- Any protective speed restriction to be imposed on adjacent lines which are open;
- Reduction in available platform capacity (including actual length of platform available, platform screen doors and any special instructions to be given to train drivers);
- Effect on access to other facilities;
- Significant traction current supply or voltage reductions;
- Affected electrical feed equipment (including low and high voltage systems);
- Any restrictions that will persist after the Possession is given up;
- If a Temporary Speed Restriction (TSR) is to be imposed on the line affected after the Possession is given up the following should be advised:
 - Speed;
 - location (precise start and finish); and
 - date and time of removal;
- Details of any ventilation system restrictions that will remain in force with the following advised:
 - location (e.g., shaft, affected section); and
 - date and time of removal;
- Details of operational telecommunications disconnections; and
- At TW-13, the following additional details should be provided for incorporation in the CCOS Weekly Operating Notice (WON):
 - The name of the Person in Charge of the Possession (PICOP);
 - The name of the Engineering Supervisor (ES);
 - The ID of the last train to operate prior to the possession being taken; and
 - The ID of the first train to operate after the possession has been given up.

3.3 Late Possession Requests

- 3.3.1 The procedure to enable an amendment of the Operational Planning Rules, following finalisation in accordance with Condition D2.2 of the CCOS Network Code, is set out in the CCOS TPR 7.3.

4. STANDARD POSSESSION OPPORTUNITIES

4.1 Standard Possession Times

XR001: WESTBOURNE PARK JUNCTION (EXCL) TO PUDDING MILL LANE JUNCTION (EXCL)

Table 4-1

		Periods A to J 10.12.2023 to 15.12.2024					
Track Section	Direction		Start	End	Duration	Working Time Available (Approx.)	Remarks
Westbourne Park and Royal Oak Portal to Stepney Green Junction	Eastbound	Midweek Nights	00:40	05:35	04h55m	03h55m	
		Saturday Night into Sunday Morning	00:40	07:30	06h50m	05h50m	
		Sunday Night into Monday Morning	23:50	05:35	05h45m	04h45m	
Stepney Green Junction to Pudding Mill Lane Portal	Eastbound	Midweek Nights	00:40	05:45	05h05m	03h05m	
		Saturday Night into Sunday Morning	00:40	07:30	06h50m	05h50m	
		Sunday Night into Monday Morning	23:55	05:45	05h50m	04h50m	
Pudding Mill Lane Portal to Stepney Green Junction	Westbound	Midweek Nights	00:20	05:30	05h10m	04h10m	
		Saturday Night into Sunday Morning	00:20	07:15	06h55m	05h55m	
		Sunday Night into Monday Morning	23:35	05:30	05h55m	04h55m	
Stepney Green Junction to Royal Oak Portal and Westbourne Park	Westbound	Midweek Nights	00:40	05:35	04h55m	03h55m	
		Saturday Night into Sunday Morning	00:40	07:05	06h30m	05h30m	
		Sunday Night into Monday Morning	23:50	05:35	05h45m	04h45m	

XR002 STEPNEY GREEN JUNCTION TO ABBEY WOOD (ALSIKE ROAD JUNCTION)

Table 4-2

Periods A to J 10.12.2023 to 15.12.2024								
Track Section	Direction		Start	End	Duration	Working Time Available (Approx.)	Remarks	
Stepney Green Junction to Victoria Dock Portal	Eastbound	Midweek Nights	00:35	05:55	05h20m	04h20m		
		Saturday Night into Sunday Morning	00:35	07:40	07h05m	06h05m		
		Sunday Night into Monday Morning	23:50	05:55	06h05m	05h05m		
Custom House to Plumstead Portal	Eastbound	Midweek Nights	00:45	06:00	05h15m	04h15m		
		Saturday Night into Sunday Morning	00:45	07:50	07h05m	06h05m		
		Sunday Night into Monday Morning	00:00	06:00	06h00m	05h00m		
Plumstead Portal to Abbey Wood	Both directions	Midweek Nights	00:50	05:10	04h20m	03h20m		Possessions including Plumstead Sidiings Headshunt (from XR374/ 1532points to Bufferstop Headshunt) to finish 05:05. Isolations affecting Plumstead stabling sidings requiring units to be powered down and localised shall end no later than 05:35.
		Saturday Night into Sunday Morning	00:50	06:35	05h45m	04h45m		
		Sunday Night into Monday Morning	00:05	05:10	05h05m	04h05m		
Plumstead Portal to Custom House	Westbound	Midweek Nights	00:10	05:15	05h05m	04h05m		
		Saturday Night into Sunday Morning	00:10	06:35	06h25m	05h25m		
		Sunday Night into Monday Morning	23:15	05:15	06h00m	05h00m		
Victoria Dock Portal to Stepney Green Junction	Westbound	Midweek Nights	00:15	05:25	05h10m	04h10m		
		Saturday Night into Sunday Morning	00:15	06:55	06h40m	05h40m		
		Sunday Night into Monday Morning	23:25	05:25	06h00m	05h00m		
Plumstead Stabling Sidings 1 to 8 and access lines	Both directions	Access To be agreed at DPPP						

4.2 Cyclical Possessions

- 4.2.1 Table 4-3 below lists the cyclical possessions RfLI intends to take in each four-week period subject to alternative arrangements identified in Sections 5 and 7 of this CCOS EAS.
- 4.2.2 Work deliverers should note available working time is approximately one hour less than the duration of a possession period allowing for the process of taking and giving up possessions and isolations.
- 4.2.3 Saturday night to Sunday morning possession periods shall be 1hr 45mins longer than Monday night to Saturday morning duration in accordance with CPFR4953.
- 4.2.4 Sunday night to Monday morning possession periods shall be 45mins longer than Monday night to Saturday morning duration in accordance with CPFR4953.

4.3 Stepney Green Possessions

- 4.3.1 Possessions requiring a full isolation of Stepney Green Junction shall be planned for Saturday nights on Even timetable weeks.
- 4.3.2 Supporting isolations shall be planned in this circumstance to be removed with the OLE re-energised at least 60 minutes in advance of the possession end time to allow sufficient time for units stabled at Plumstead to be re-localised on the signalling system.
- 4.3.3 In all other circumstances Isolations should be planned to end at the time indicated in the remarks relating to the Plumstead-Abbey Wood section above allowing no less than 90 minutes for powering up stabled units.
- 4.3.4 The possession remarks shall be annotated to ensure units are to be stabled with pantographs down and for the units to be relocalised in Staff Accountable mode upon reactivation.

4.4 Cross-Interface Possessions with Network Rail

- 4.4.1 RFLI possessions of the Westbourne Park area extending west of the Network Rail interface shall be planned in odd number timetable weeks.
- 4.4.2 Network Rail cyclical possessions in the Westbourne Park area extending east as far as Royal Oak Portal on RFLI infrastructure shall be booked on even timetable weeks.

4.5 Protected Paths/ Signal Protection Zones

- 4.5.1 The RFLI Infrastructure Monitoring Vehicle (IMV) shall be planned to operate in a protected path on Friday nights every fortnight.
- 4.5.2 Single Train Testing (STT)
- 4.5.3 Testing of train software upgrades shall be planned in a Signal Protection Zone (SPZ).
- 4.5.4 Test deliverers should make specific arrangements with the RfLI Operations team to arrange transit moves to the testing zone.

4.6 Plumstead Sidings

4.6.1 There are no standard possession opportunities possible at Plumstead stabling sidings. Daytime access, subject to agreement with the train operator, shall be planned between 09:00 and 14:00.

4.6.2 All possessions should be given up where possible during disruptive incidents to ensure the best possible service may be operated for TfL Elizabeth Line customers.

4.7 Standard Cyclical Possession Plan

Table 4-3: Standard Cyclical Possession Plan

Period WEEK	1	Day	Possession Type/ Template	Possession From	Possession To	Isolation Sections
		Fri/Sat	Protected Path or SPZ STT TESTING - 2 x Trains accessing from OOC			No Isolation
		Sat/Sun	T3 SE Branch (M6)	Stepney Green Junction	Abbey Wood	101-M, N, P, Q, R, S, T, U 102-K, L, M, N, P, R, S
		Sat/Sun	T3 East Only (M8)	Pudding Mill Lane	Stepney Green Jnc (Exclusive)	
		Sun/Mon	T3 SE Branch M6	Stepney Green Junction	Abbey Wood	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Sun/Mon	T3 West M2	Paddington (EB Beyond XR042 WB Approach XR041)	Whitechapel	
		Mon/Tue	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN8049APts WB Approach SN8041pts)	Whitechapel	A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Mon/Tue	T3 SE Branch M6	Stepney Green Jnc (Non-Inclusive)	Plumstead	
		Tue/Wed	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Tue/Wed	T3 SE Branch M6	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	
		Wed/Thu	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101- A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Wed/Thu	T3 SE Branch M6	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	
		Thu/Fri	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101- A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Thu/Fri	T3 Short East West M9	Stepney Green Jnc (Non Inclusive)	Pudding Mill Lane	
WEEK	2	Day	Possession Type	Possession From	Possession To	Isolation Sections
		Fri/Sat	Protected Path for IMV Run			No isolation
		Sat/Sun	T3 Stepney 'Y' Shape M12	Liverpool Street	Abbey Wood & PML (2129/2135pts)	101 & 102 Complete - END TIMINGS FOR ISOLATION 60 minutes prior to traffic start
		Sun/Mon	T3 Extended East M3	Stepney Green Jnc (Non-Inclusive)	PML (2129/2135pts)	
		Sun/Mon	T3 Short West M11	Farringdon	Paddington	101-A,D,E,F,G,H 102-J
		Mon/Tue	T3 Extended SE Branch M5	Stepney Green Junction	Plumstead	101- A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Mon/Tue	T3 West M2	Paddington (EB Beyond XR042 WB Approach XR041)	Whitechapel	
		Tue/Wed	T3 Extended SE Branch M5	Stepney Green Junction	Plumstead	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Tue/Wed	T3 West M2	Paddington (EB Beyond XR042 WB Approach XR041)	Whitechapel	
		Wed/Thu	T3 SE Branch M6	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	101-A,B,C,D,E,F,G,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Wed/Thu	T3 West M2	Paddington (EB Beyond XR042 WB Approach XR041)	Whitechapel	
		Thu/Fri	T3 Extended East M3	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	
		Thu/Fri	T3 Short West East M10	Paddington	Farringdon	101-A 102-B,C,D,E,F,J

PERIOD WEEK	3	Day	Possession Type	Possession From	Possession To	Isolation Sections
		Fri/Sat	Protected Path or SPZ STT TESTING - 2 x Trains accessing from OOC			No Isolation
		Sat/Sun	T3 SE Branch M6	Stepney Green Junction	Abbey Wood	101-M,N,P,Q,R,S,T,U 102-K,L,M,N,P,R,S
		Sat/Sun	T3 East Only M8	Pudding Mill Lane	Stepney Green Jnc (Exclusive)	
		Sun/Mon	T3 SE Branch M6	Stepney Green Junction	Abbey Wood	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Sun/Mon	T3 West M2	Paddington (EB Beyond XR042 WB Approach XR041)	WHITECHAPEL	
		Mon/Tue	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN8049APts WB Approach SN8041pts)	Whitechapel	101-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Mon/Tue	T3 SE Branch M6	Stepney Green Jnc (Exclusive)	Plumstead	
		Tue/Wed	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Tue/Wed	T3 SE Branch M6	Stepney Green Jnc (Exclusive)	Abbey Wood	
		Wed/Thu	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Wed/Thu	T3 SE Branch M6	Stepney Green Jnc (Exclusive)	Abbey Wood	
		Thu/Fri	T3 Extended West M1	Westbourne Park Jn (EB Beyond SN92 WB Approach SN8041pts)	Whitechapel	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Thu/Fri	T3 Short East West M9	Stepney Green Jnc (Exclusive)	Pudding Mill Lane	
PERIOD WEEK	4	Day	Possession Type	Possession From	Possession To	Isolation Sections
		Fri/Sat	Protected Path for IMV Run			No Isolation Required
		Sat/Sun	T3 Stepney 'Y' Shape M12	Liverpool Street	Abbey Wood & PML (pts)	101 & 102 Complete - END TIMINGS FOR ISOLATION TO BE 60 MINUTES PRIOR TO TRAFFIC START
		Sun/Mon	T3 Extended East M3	Stepney Green Jnc (Non-Inclusive)	PML (pts)	101-A,D,E,F,G,H 102-J
		Sun/Mon	T3 Short West M11	Paddington	Farringdon	
		Mon/Tue	T3 Extended SE Branch M5	Stepney Green Junction	Plumstead	101-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Mon/Tue	T3 West M2	Paddington	Whitechapel	
		Tue/Wed	T3 Extended SE Branch M5	Stepney Green Junction	Plumstead	101-B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
		Tue/Wed	T3 West M2	Paddington	Whitechapel	
		Wed/Thu	T3 SE Branch M6	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	101-A,B,C,D,E,F,G,M,N,P,Q,R,S,T,U 102-A,B,C,D,E,F,G,H,K,L,M,N,P,Q,R,S
		Wed/Thu	T3 West M2	Paddington	Whitechapel	
		Thu/Fri	T3 Extended East M3	Stepney Green Jnc (Non-Inclusive)	Abbey Wood	101-A 102-B,C,D,E,F,J
		Thu/Fri	T3 Short West East M10	Paddington	Farringdon	

5. POSSESSION STRATEGY

5.1 Possessions Under Possession Strategy Notice

- 5.1.1 Details of the possession for Plumstead sidings maintenance are not yet agreed and shall be appended following consultation with Access Beneficiaries.

6. (SECTION NOT USED)

7. REGISTER OF POSSESSIONS

Table 7-1: Disruptive Possessions 2023-24

PPS Reference Number	Line of Route	Possession Location			Type	Date and Time		Traffic Remarks	Work Type
		From	To	Lines		Start	End		
Week 39									
P2023/3867901	XR001/ XR002	Westbourne Park (Beyond SN92)	Pudding Mill Lane Portal (Approach XR416 /Abbey Wood Bufferstops Pfm4)	Eastbound	Possession + full OLE Isolation	24/12/23 23:30 Sun	26/12/23 05:00 Tue	Block to electric traction. Stabled units to be relocalised in Staff Accountable Mode after the possession has been given up.	Cyclical Maintenance: Track, OLE, PSD and Ventilation System works 4 G project work
	XR001/ XR002	Pudding Mill Lane Junction (Beyond XR415 / Abbey Wood (Beyond XR397)	Westbourne Park (to Approach SN91 /SN95 / Bufferstops Turnbacks B&C)	Westbound					
	XR002	Beyond Bufferstop Headshunt	to approach Bufferstop ABX Pfm4/ XR501-XR508 (reverse)/Bufferstops maintenance sidings 9-12	Plumstead Sidings					

Week 43									
P2023/3806472 ELR500 O&B	XR001/ XR002	Westbourne Park	Pudding Mill Lane Junction /Abbey Wood Elizabeth line	Eastbound	TS11 Section 3	Sat 20/01/24 01:10	Sat 20/01/24 15:00	Block to electric traction. All running lines, turnbacks and stabling sidings wheels free. Units to be out stabled from CCOS where possible. RFLI to implement CR3187	ELR500 Seimens ATS Software Over and Back Testing
			Pudding Mill Lane Junction / Abbey Wood Elizabeth line	Westbourne Park					
P2023/3806481 ELR500 O&B	XR001/ XR002	Westbourne Park (Beyond SN92)/	Pudding Mill Lane (Approach XR416) /Abbey Wood Bufferstop Pfm4)	Eastbound	Signal Protection Zone	Sat 20/01/24 15:00	Sun 21/01/24 15:00		
		Plumstead Sidings Beyond XR561 to Approach XR501 / XR502 / XR503 / XR504 / XR505 / XR506 / XR507 / XR508, Head Shunt / Abbey Wood Platform 4		Pudding Mill Lane (Beyond XR415/ / Abbey Wood Beyond XR397)					
P2023/3806429 ELR500 O&B	XR001/ XR002	Westbourne Park	Pudding Mill Lane /Abbey Wood Elizabeth line	Eastbound	TS11 Section 3	Sun 21/01/24 15:00	Mon 22/01/24 04:00		
			Pudding Mill Lane / Abbey Wood Elizabeth line	Westbourne Park					

Week 47									
P2023/3729152 26 hour maintenance	XR001/XR002	Westbourne Park (Beyond SN92)	Pudding Mill Lane Portal (Approach XR416 /Abbey Wood Bufferstop Pfm4)	Eastbound	Possession + full OLE Isolation	18/02/24 01:00 Sun	19/02/24 05:00 Mon	Block to electric traction. Stabled units to be localised in Staff Accountable Mode after the possession has been given up. Line Clear Verification Process applies to this possession.	Cyclical Maintenance: Track, OLE, PSD and Ventilation System works
	XR001/XR002	Pudding Mill Lane Junction (Beyond XR415) / Abbey Wood (Beyond XR397)	Westbourne Park (to Approach (SN91 / SN95 / Bufferstops Turnbacks B&C)	Westbound					
	XR002	Beyond Bufferstop Headshunt	to approach Bufferstop ABX Pfm4/ XR501-XR508 (reverse)/Bufferstops maintenance sidings 9-12	Plumstead Sidings					
Week 52									
P2023/3802983 ELR500 Commissioning	XR001/ XR002	Westbourne Park (Beyond SN92)/ Stabling Sidings 1-8/ XR561	Pudding Mill Lane Junction (Approach L2135pts#)/Abbey Wood Bufferstop Pfm4)	Eastbound	TS11 Section 3	Fri 29/03/24 01:10	Fri 29/03/24 18:00	Block to electric traction. All running lines, turnbacks and stabling sidings wheels free. Units to be out stabled from CCOS. All Class 345 Units to receive software upload –protective path requests to be made to NR Routes to ensure Ilford, Gidea Park and Maidenhead sidings remain live. RFLI to implement CR3187	ELR500 Seimens ATS Software Update Commissioning System clear down and install
		Pudding Mill Lane Junction (Beyond L2129pts# / / Abbey Wood Beyond 2101Bpts#)	Westbourne Park (Approach SN91, SN95 and approach Bufferstops Turnbacks B&C)	Westbound					
P2023/3802979 ELR500 Commissioning	XR001/ XR002	Westbourne Park (Beyond SN92)/ Plumstead Sidings / Access Line – 1375 points access line / XR503 / XR504 / XR505 / XR506 / XR507 / XR508 to Buffer Stops Head Shunt	Pudding Mill Lane Junction (Approach XR416)/Abbey Wood Bufferstop Pfm4)	Eastbound	Signal Protection Zone	Fri 29/03/24 18:00	Tue 02/04/23 04:00	ELR500 Seimens ATS Software Update Commissioning System Integrity Testing and verification processes	
		Pudding Mill Lane Junction (Beyond L2129pts# / / Abbey Wood Beyond 2101B points)	Portobello Junction (Approach SN8041pts# and approach Bufferstops Turnbacks B&C)	Westbound					

Week 7									
P2024/3770043 26 hr maintenance	XR001/ XR002	Westbourne Park (Beyond SN92) Sidings Access Line (XR374)	Pudding Mill Lane Portal (Approach XR416 /Abbey Wood Bufferstops Pfm4)	Eastbound	Possession +full OLE Isolation	12/05/24 01:00 Sun	13/05/24 05:00 Mon	Block to electric traction. Stabled units to be relocalised in Staff Accountable Mode after the possession has been given up. Line Clear Verification Process applies to this possession.	Cyclical Maintenance: Track, OLE, PSD and Ventilation System works
	XR001/ XR002	Pudding Mill Lane Junction (Beyond XR415) / Abbey Wood (Beyond XR397)	Westbourne Park (to Approach SN91 /SN95 / Bufferstops Turnbacks B&C)	Westbound					
	XR002	Beyond Bufferstop Headshunt	to approach Bufferstop ABX Pfm4/ XR501-XR508 (reverse)/Bufferstops maintenance sidings 9-12	Plumstead Sidings					
Week 27									
P2024/3770044 26 hour maintenance	XR001/ XR002	Westbourne Park (Beyond SN92)	Pudding Mill Lane Portal (Approach XR416 /Abbey Wood Bufferstops Pfm4)	Eastbound	Possession + full OLE Isolation	29/09/24 01:00 Sun	30/09/24 05:00 Mon	Block to electric traction. Stabled units to be relocalised in Staff Accountable Mode after the possession has been given up. Line Clear Verification Process applies to this possession.	Cyclical Maintenance: Track, OLE, PSD and Ventilation System works Alignment with new NR Anglia Stratford area possession.
	XR001/ XR002	Pudding Mill Lane Junction (Beyond XR415) / Abbey Wood (Beyond XR397)	Westbourne Park (to Approach SN891 /SN95 / Bufferstops Turnbacks B&C)	Westbound					
	XR002	Beyond Bufferstop Headshunt	to approach Bufferstop ABX Pfm4/ XR501-XR508 (reverse)/Bufferstops maintenance sidings 9-12	Plumstead Sidings					
Week 34									
P2024/3729153 26 hour maintenance	XR001/ XR002	Westbourne Park (Beyond SN92) Sidings Access Line (XR374)	Pudding Mill Lane Portal (Approach XR416 /Abbey Wood Bufferstops Pfm4)	Eastbound	Possession +full OLE Isolation	17/11/24 01:00 Sun	18/11/24 05:00 Mon	Block to electric traction. Stabled units to be relocalised in Staff Accountable Mode after the possession has been given up. Line Clear Verification Process applies to this possession.	Cyclical Maintenance: Track, OLE, PSD and Ventilation System works Alignment with HAL possession P2024/3762068 until 0740 Sunday GW103 possession P2024/3762068 until 0740 Sunday SO290 P2024/3744625 Sun
	XR001/XR002	Pudding Mill Lane Junction (Beyond XR415) / Abbey Wood (Beyond XR397)	Westbourne Park (to Approach SN91 /SN95 / Bufferstops Turnbacks B&C)	Westbound					
	XR002	Beyond Bufferstop Headshunt	to approach Bufferstop ABX Pfm4/ XR501-XR508 (reverse)/Bufferstops maintenance sidings 9-12	Plumstead Sidings					

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