



Heathrow Airport Ltd – Rail Engineering Access Statement

Sunday 15th December 2019 to
Saturday 12th December 2020

ISSUE RECORD

Issue	Date	Comments
Draft V1	26/10/2018	Rules Proposal
Final V2	08/02/2019	Final Rules
Draft V3	29/03/2019	Rules Proposal
Final V4	12/07/2019	Final Rules

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Section 4 Standard Possession Opportunities contains guidance on possession times that are available.

Section 7 Identifiable major possessions which cannot be contained within the standard possessions opportunities are shown in the register.

Consequently, such possessions are not reflected in the permanent timetable and are disruptive possessions.

SECTION 1 – INTRODUCTION

1.1 Introduction

The contents of Heathrow Engineering Access Statement are determined by Heathrow Rail through informal consultation with Train Operators and Integrated Planning Managers in Network Rail, with the aim of achieving the optimal balance between access to the network for train operations and access for maintenance, renewal and enhancement work. This is followed by formal consultation with Train Operators in accordance with Access Condition D2, leading to the issue by Heathrow Rail of the Final Engineering Access Statement. Train Operators have a right of appeal against the contents of the Final Engineering Access Statement under Access Condition D2.2.8.

Train Operators' Access Proposals for train paths must be compliant with the Heathrow Engineering Access Statement.

The planning process for the Permanent Timetable is governed by the Heathrow Network Code. In the event of a conflict, the Heathrow Network Code takes precedence over Track Access Agreements with individual Train Operators and Engineering Access Statement/Timetable Planning Rules.

The following are the dates for publication of the Heathrow Engineering Access Statement for the 2020 timetable year

Engineering Access Statement 2020	Issue date	Operator response date	Remarks
Version 1 Rules Proposal	26/10/2018	30/11/2018	
Version 2 Final Rules	08/02/2019	01/03/2019	Referral to dispute panel should be against this document within 15 working days of receipt.
Version 3 Proposal for Subsidiary Rules Changes	29/03/2019	03/05/2019	
Version 4 Final Rules	12/07/2019	02/08/2019	Referral to dispute panel should be against this document within 15 working days of receipt.

1.2 Applications for Possessions

- 1.2.1 Applications for possessions should be made always in accordance with Heathrow Rail's Works Application Notification (WAN) planning process. For details of the mechanism for applying for works requiring access contact Rail@heathrow.com.
- 1.2.2 Once Possession Access is agreed by Heathrow Rail, the Network Rail Access Planning sequence of activities will apply incorporating Heathrow Rail infrastructure within the Western Route as one continuous route.
- 1.2.3 For the purpose of this document a possession is defined as any restriction of the Heathrow Airport Rail network for Train Operators. This includes: -
- Rule Book T3 and pre-plan disruptive T2 possessions
 - Traction current isolations
 - Signalling disconnections
 - Temporary speed restrictions
 - Operational telecommunications disconnections
 - Standard Possession Opportunities (NBS – Section 4 possessions)
 - Test Train requirements
 - Outstabling requirements
- Applications for any of the above should be made in accordance with the laid down timescales.
- 1.2.4 All possessions contained within Heathrow Engineering Access Statement are inclusive of junctions and stations unless otherwise stated.
- 1.2.5 Wherever possible possessions should be contained within the standard possession opportunities shown in Section 4.
- 1.2.6 Where a requester is in any doubt as to whether a possession is disruptive or non-disruptive it should be assumed that it is disruptive. Guidance should be obtained from the Heathrow Rail team.
- 1.2.7 Applications for disruptive possessions should be made as soon as requirements are known and should reach the Heathrow Rail team via Rail@heathrow.com no later than 37 weeks prior to the start of the relevant 4-weekly period. Details of infrastructure train requirements (including on track machines) must be provided with the possession application.
- 1.2.8 Applications for Non-Disruptive Possessions should be made as soon as requirements are known. These applications are made via Rail@heathrow.com and guidance will only be sought from the Heathrow Rail team if there is doubt about the disruptive effects of the possession application.
- 1.2.9 TSRs cannot be applied in conjunction with engineering work within Heathrow infrastructure due to the system design. Full details of the protection

arrangements and speeds between stations must be provided in PPS and published in the relevant Operational Notices with the possession applications to which it applies.

1.2.10 If advice is required concerning any of the contents of this document, contact should be made with the Heathrow Rail team through Rail@heathrow.com.

1.2.11 Improving Network Availability, before requesting a possession which will disrupt passenger operators consider the following;

- Can the work be done in such a way that does not disrupt train services?
- Can the work be carried out in an existing possession?
- Can you release parts of the line during possession (e.g. staggered start and finish times for each line, use of Bidirectional tunnels)?
- Can the work be carried out in fewer longer or shorter possession durations?

1.3 Train Operator Consultation

1.3.1 Consultation on Access requirements for Heathrow Rail infrastructure will be included within the Network Rail Access Planning process, with Heathrow infrastructure considered together as one continuous route.

1.4 Timetable Dating

1.4.1 The following standard engineering timetable periods will apply.

December 2019 – December 2020

Period A 0001 Sun 15/12/2019 to 2359 Sun 05/01/2020 (5 Sundays)

Period B 0001 Mon 06/01/2020 to 2359 Sun 16/02/2020 (6 Sundays)

Period C 0001 Mon 17/02/2020 to 2359 Sun 29/03/2020 (6 Sundays)

Period D 0001 Mon 30/03/2020 to 2359 Sat 16/05/2020 (6 Sundays)

Period E 0001 Sun 17/05/2020 to 2359 Sun 21/06/2020 (6 Sundays)

Period F 0001 Mon 22/06/2020 to 2359 Sun 02/08/2020 (6 Sundays)

Period G 0001 Mon 03/08/2020 to 2359 Sun 13/09/2020 (6 Sundays)

Period H 0001 Mon 14/09/2020 to 2359 Sun 25/10/2020 (6 Sundays)

Period J 0001 Mon 26/10/2020 to 2359 Sat 12/12/2020 (6 Sundays)

1.4.2 Bank Holidays occur on the following dates, which may result in changes to the times available for possessions.

Bank Holidays

Week No.	Holiday	Date
39	Christmas Holiday Period	Wed 25 th Dec & Thu 26 th Dec 2019
40	New Year	Wed 1 st Jan 2020
1	Good Friday	Fri 10 th April 2020
2	Easter Monday	Mon 13 th April 2020
5	May Day	Mon 4 th May 2020
8	Spring Bank Holiday	Mon 25 th May 2020
22	Summer (England & Wales)	Mon 31 st Aug 2020

1.4.3 Note that the clocks change on the following dates:

Spring (1 hour forward, British Summer Time):
Sunday 29 March 2020

Autumn (1 hour back, Greenwich Mean Time):
Sunday 25 October 2020

1.5 Change Procedure

The following standard Engineering Access Statement change procedure is applicable to this document

Procedure for Altering Engineering Access Statement or Timetable Planning Rules other than through the Twice-Yearly Process Having Effect from a Passenger Change Date

- 1.5.1 This Procedure has been devised in accordance with the Heathrow Network Code Condition D 2.2.7 to provide a means of altering Engineering Access Statement and/or Timetable Planning Rules other than through the twice-yearly process having effect from the Passenger Change Dates. It supersedes the interim arrangements included within certain Train Operators' Track Access Agreements.
- 1.5.2 This procedure will be used by Heathrow Rail to add, substitute or delete engineering access opportunities contained within Engineering Access Statement. All possessions so agreed will be regarded as being within Engineering Access Statement. Heathrow Rail is committed to the achievement of the Informed Traveller deadlines resulting in details of amended train services being available 12 weeks before the date of operation, consequently, wherever possible, Heathrow Rail will consult with Train 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 Confirmed Period Possessions Plan which will be published 26 weeks prior to the start of each 4-week period.
- 1.5.3 Where a need arises to amend Engineering Access Statement/Timetable Planning Rules to cater for urgent safety requirements 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.

1.6 Changes Initiated by Train Operators

- 1.6.1 The Train Operator may propose changes to any part of Engineering Access Statement/Timetable Planning Rules affecting or likely to affect that Train Operator.
- 1.6.2 The Train Operator shall write to Heathrow Rail (Rail@heathrow.com) with details of the proposed change(s) to the Timetable Planning Rules and Engineering Access Statement.
- 1.6.3 Within 5 working days of receipt of the proposed change, Heathrow Rail shall notify to all Train Operators affected details of the proposed change and Heathrow Rail's comments including concise reasons for the change and a statement as to whether Heathrow Rail supports the proposal.

1.7 Changes Initiated by Heathrow Rail

- 1.7.1 Heathrow Rail may propose changes to any part of Engineering Access Statement/Timetable Planning Rules.
- 1.7.2 Heathrow Rail shall notify to all Train Operators affected details of the proposed change including a concise explanation of its reasons. Proposed changes to Engineering Access Statement arising before publication of the Draft Period Possessions Plan shall be notified by Heathrow Rail in a single coordinated document.

1.8 Response by Train Operators

- 1.8.1 Each Train Operator receiving notification of a proposed change in accordance with paragraphs 5.3.1 or 5.3.2 above will consider that proposal and respond to Heathrow Rail within 10 working days from receipt of the notification, indicating:
- its agreement to the proposed change or
 - details of a counter-proposal and an explanation of its reasons or
 - in the case of Timetable Planning Rules items such as section running times, a request that a joint investigation is carried out.
- 1.8.2 Any Train Operator whose response is not received by Heathrow Rail within 10 working days will be deemed to have agreed to the proposed change and will forfeit any right of Appeal.

1.9 Decision by Heathrow Rail

- 1.9.1 Heathrow Rail shall give due consideration to responses received from Train Operators in accordance with paragraphs 5.3.1 or 5.3.2 above and shall decide which changes, if any, should be made to Engineering Access Statement/Timetable Planning Rules.
- 1.9.2 In reaching its decision, Heathrow Rail shall have due regard to the Decision Criteria in Heathrow Network Code Condition D6.
- 1.9.3 Heathrow Rail will notify its decision to each affected Train Operator within 5 working days of the last date for receipt of responses under paragraph 5.4.1 above.
- 1.9.4 Any Train Operator, if it disputes Heathrow Rail's decision, may Appeal to a Timetabling Panel and any such Appeal will be dealt with as though it had been made in accordance with Network Code Condition D2.2.7. Any Appeal must be referred to the Access Disputes Secretary in accordance with the timescales shown in Condition D5 (i.e. within 5 working days of notification by Heathrow Rail of its decision)

SECTION 2 – GLOSSARY

2.1 Certain abbreviations and terms are used throughout this document and are listed below.

Term/Abbreviation	Meaning
AC	Alternating Current
ALL	All lines
ASW	Amended Station Working
BLOCKED	Line blocked
BTET	Line blocked to electric traction
CPPP	Confirmed Period Possession Plan
CTA	Central Terminal Area
DPPP	Draft Period Possession Plan
EAP	Engineering Access Planning Team
EAS	Engineering Access Statement
ECS	Empty Coaching Stock
M	Monday
T	Tuesday
W	Wednesday
Th	Thursday
F	Friday
Sa	Saturday
Sun	Sunday
Excl	Exclusive
icw or i.c.w.	In Connection With
Incl	Inclusive
Jn	Junction
N/A	Not Applicable
NDS	Network Rail National Delivery Service
NBS	No Booked Service
NPP	No Possession Permitted
PBS	Possession to be given up for the passage of Booked Services
PPS	Network Rail's Possession Planning System

Section 2 - Glossary (contd.)

Term/Abbreviation	Meaning
SB	Signal Box
SLW	Single Line Working
SODS	Single Outside Double Slip
TOC	Train Operating Company
TSR	Temporary Speed Restriction
T23	Terminals 2 and 3
T2 Possession	Section of the Rule Book for Protecting Engineering Work
T3 Possession	Section of the Rule Book for Possession of the Line for Engineering Work
T4	Terminal 4
T5	Terminal 5
WON	Weekly Operating Notice
WPA	Weeks per Annum
WTT	Working Timetable

SECTION 3 – GUIDELINES FOR GRANTING POSSESSIONS

3.1 Information required from requesters when submitting Possession requests

The following minimum information should be included from requesters when submitting Possession requests; however, Heathrow Rail will require further information over and above that listed below. For details contact Heathrow Rail at Rail@heathrow.com

- 3.1.1 Proposed date, start and finish time of worksites and Possessions.
- 3.1.2 Proposed method of protection.
- 3.1.3 Geographical extent of Possession (as shown in Sectional Appendix) and worksite mileage (miles/chains/Kilometers).
- 3.1.4 Start and finish times and geographical extent (as shown in the Sectional appendix) of electrical isolation (may be different to 3.1.3).
- 3.1.5 Loss of, or reduction in, any signalling facilities affected outside the Possession Outline infrastructure train requirements.
- 3.1.6 Outline infrastructure train requirements (detailed if at less than 32 weeks).
- 3.1.7 Any protective speed restriction required on adjacent lines which are open.
- 3.1.8 Reduction in available platform capacity (including actual length of platform available and any special instructions for train drivers).
- 3.1.9 Effect on access to other facilities.
- 3.1.10 Significant OHLE voltage reductions.
- 3.1.11 Affected electrical feed equipment.
- 3.1.12 Any restrictions which will persist after the main Possession is given up.
- 3.1.13 If a TSR is to be imposed on the line affected after the Possession is given up, the speed and mileage of the restriction and date & times of relaxation / lifting of the TSR.
- 3.1.14 Work content.

3.1.15 Details of operational telecommunications disconnections.

3.2 Late Possession Requests

3.2.1 The procedure to enable amendment of the Rules, following their finalisation is in accordance with Condition D2.2 of the Heathrow Network Code and must align with arrangements in place within the Network Rail Engineering Access Statement.

SECTION 4 – STANDARD POSSESSION OPPORTUNITIES

4.0 STANDARD POSSESSION OPPORTUNITIES

These are shown below and indicate the times which would normally be available for engineering access opportunities of the Network.

Week and Periods	LOR	Location From	Location To	Blocked Line	Protection Type	Start	End
Weeks 37 to 36 All Periods A to J	GW180	Heathrow Tunnel Jn	Heathrow Terminals 4 and 5	Down and Up Airport lines to stop blocks	Possession	0020 SUN 0020 MON 0020 TUE 0020 WED 0020 THU 0020 FRI 0020 SAT	0440 SUN 0440 MON 0440 TUE 0440 WED 0440 THU 0440 FRI 0440 SAT

SECTION 7 REGISTER OF POSSESSIONS

7.0 REGISTER OF POSSESSIONS

This section contains details of any significant programmes of work which are likely to take place during the year outside of the standard Possession Opportunities (NBS).

Once the Confirmed Period Possession Plan (CPPP) is issued, this supersedes any items shown in this section for the weeks covered in the CPPP.

Week	LOR	Location From	Location To	Blocked Line	Protection Type	Start	End
Week 34	GW180	Heathrow Tunnel Jn	Heathrow Terminals 4 and 5	Down and Up Airport lines to stop blocks	Possession	21/11/2020 0020 SAT	23/11/2020 0440 Mon
Work Content <ul style="list-style-type: none"> • Renewal of baseplates at SODS junction • Re-wire SODS junction • Use of wiring train for OHL replacement 							