

## **Appendix: HAL-NC/G1/2023/001 Heathrow Terminal 4 Platform 1 Approach speed change**

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## i. Glossary

ETCS	European Train Control System
FEA	Finite Element Analysis
HEOC	Heathrow Express Operating Company
HAL	Heathrow Airport Limited
MTREL	MTR Elizabeth Line
PTI	Platform-Train Interface
PGF	Platform Gap Filler

## ii. Related Documents

This Appendix should be read in conjunction with:

- HAL Network Change notice HAL-NC/G1/2023/001 (the “**Notice**”)

### 1. Introduction

Capitalised terms not defined in this Appendix shall have the meaning given to such term in the Notice (including by reference).

The Proposed Network Change would update the published line speed in respect of the approach to platform 1 at the Terminal 4 station in the Sectional Appendix, from 30mph to 20mph, and provides only for the addition of a speed board to advise drivers of the 20mph line speed. Currently all connected ETCS fitted units have their onboard systems restricted to 20mph.

Network Rail have advised that there will not be any impact on the Working Timetable and/or Timetable Planning Rules as all connected ETCS operating services are already restricted 20mph on the approach to platform 1 at the Terminal 4 station.

### 2. Project objective

To update the published line speed in respect of the approach to platform 1 at the Terminal 4 station in the Sectional Appendix, as marked-up in the diagram in paragraph 4 below, from 30mph to 20mph, and to add a speed board to advise drivers of the 20mph line speed.

### 3. Reasons for the proposed change

Currently all connected ETCS fitted units have their onboard systems restricted to 20mph. The Proposed Network Change is to reflect the actual line speed of 20mph rather than 30mph.

### 4. Specification of works

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
GW180	004	Heathrow Airport Jn To Heathrow Terminals 4 and 5	HLL	Western	25/02/2023
Location	Mileage M	Ch	Running lines & speed restrictions	Signalling & Remarks	
	23965m		To/From Heathrow Central (Terminals 2 and 3) GW180 seq 003	TCB Thames Valley Signalling Centre (Heathrow) (SN) RAB ERTMS AC: Didcot Level 2 Overlay GSM-R	
	24124m *		30	ATP - provided	
Pier 7 Escape Shaft	24301m	T	⊗ ⊕	LOD(T) UT4/DT408 (UA/DA13) T4/T2,3 at 24301m	
Sealand Road Escape Shaft	25389m	T	⊗ ⊕	UA4/DT409 T4/T2,3 at 25389m	
	25948m *		60	U&DT4 - Up and Down Terminal 4	
	26220 *		30	U&DT4 - Bi-directional	
	26430m *		30 20	Platforms - 195m (213 yards)	
	26401 *		30	LOD(T) UT4/DT410 T4/T2,3 at 26520m	
HEATHROW TERMINAL 4	26520m	T	⊗ ⊕	① PP from SN345	

The changes made in the marked-up diagram above reflect the change in speed from 30mph to 20mph at 26220m on the Terminal 4 Platform 1 Line, together with the addition of a new speed board.

## 5. Proposed timescales

The proposed timescales for the Proposed Network Change, are as follows:

<b><i>Indicative Programme</i></b>	<b><i>Date</i></b>
Submit Network Change	June 2023
Commence Network Change consultation	June 2023
Complete Network Change consultation	August 2023
Installation of new speed board \ amendment of the Sectional Appendix	August 2023

## 6. Costs and compensation

Compensation will be calculated in line with Part G of the HAL Network Code unless alternative arrangements have been made. All possession related compensation will be paid in accordance with Schedule 8 of an affected Access Beneficiary's Track Access Agreement, where applicable.

### 6.1. Additional terms and conditions

Once the Proposed Network Change has been implemented as an established HAL Network Change, HAL may, if it wishes to make any modification to the terms or conditions (including as to the specification of the works to be done, their timing, the manner of their implementation, the costs to be incurred and their sharing, and the division of risk) on which that change was implemented, use the following variation procedure: HAL shall ensure the specific variation (or variations) is formally communicated to all parties to the Notice (being the original consultation notice) for consideration. The parties to the consultation shall consider and respond to the variation (or variations) in accordance with the procedures set out in Conditions G1 and G2 allowing for the changes in detail that must follow as a result of the relevant procedure applying only to the variation(s) being proposed. It shall not be necessary for HAL to re-issue the Notice for consultation.

## 7. Distribution list

Organisation	Name	Email
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### Train Operators

DB Cargo	Quentin Hedderly	<a href="mailto:quentin.hedderly@deutschebahn.com">quentin.hedderly@deutschebahn.com</a>
Heathrow Express	Daniel Edwards	<a href="mailto:Daniel.edwards@heathrow.com">Daniel.edwards@heathrow.com</a>
	Harsha Gautam	<a href="mailto:Harsha.Gautam@heathrowexpress.com">Harsha.Gautam@heathrowexpress.com</a>
	Jyoti Chander	<a href="mailto:Jyoti.Chander@heathrowexpress.com">Jyoti.Chander@heathrowexpress.com</a>
	Richard Young	<a href="mailto:richard.young@heathrow.com">richard.young@heathrow.com</a>
MTR Crossrail	Ian Brightmore	<a href="mailto:ian.brightmore@mtrel.co.uk">ian.brightmore@mtrel.co.uk</a>
	Jonathan James	<a href="mailto:jonathan.james@mtrel.co.uk">jonathan.james@mtrel.co.uk</a>
	Nick Arthurton	<a href="mailto:nick.arthurton@mtrel.co.uk">nick.arthurton@mtrel.co.uk</a>

### Other Infrastructure Managers

Network Rail	Eduardo Da Silva	<a href="mailto:eduardo.dasilva@networkrail.com">eduardo.dasilva@networkrail.com</a>
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**Other Parties (for information purposes)**

ORR	Central email address	<a href="mailto:operations.team@orr.gsi.gov.uk">operations.team@orr.gsi.gov.uk</a>
Department for Transport	Central email address	<a href="mailto:passengerservices_access&amp;operations@railexecutive.gsi.gov.uk">passengerservices_access&amp;operations@railexecutive.gsi.gov.uk</a>
Crossrail Ltd	Tony Byrne	<a href="mailto:tonybyrne2@crossrail.co.uk">tonybyrne2@crossrail.co.uk</a>
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	Russell Parish	<a href="mailto:Russellparish@tfl.gov.uk">Russellparish@tfl.gov.uk</a>
		<a href="mailto:Rfli-networkaccess@tfl.gov.uk">Rfli-networkaccess@tfl.gov.uk</a>
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