

## **Appendix: HAL-NC/G1/2024/001 Removal of Redundant Operating equipment including Automatic Train Protection and Station Driver Only Operated Monitors**

### **Contents**

i.	Glossary.....	2
ii.	Related Documents .....	2
1.	Introduction.....	3
2.	Project objective .....	3
3.	Reasons for the proposed change.....	3
4.	Specification of works .....	3
5.	Proposed timescales .....	3
6.	Costs and compensation .....	4
6.1.	Additional terms and conditions .....	4
7.	Distribution list .....	5

## i. Glossary

ATP	Automatic Train Protection
DOO	Driver Only Operated
ETCS	European Train Control System
HEOC	Heathrow Express Operating Company
HAL	Heathrow Airport Limited
MTREL	MTR Elizabeth Line

## ii. Related Documents

This Appendix should be read in conjunction with:

- HAL Network Change notice HAL-NC/G1/2024/001 (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 covers the removal of redundant Automatic Train Protection (ATP) equipment from Heathrow Airport Limited (“HAL”) infrastructure and the switching off and future removal of redundant Driver Only Operated (DOO) platform monitors and associated cameras from Heathrow Central (Terminals 2 & 3), Terminal 4 and Terminal 5 stations.

## 2. Project objective

To remove redundant ATP and station DOO monitors from HAL infrastructure. There is also the benefit that redundant ATP equipment can be given to Network Rail as a source of spares.

## 3. Reasons for the proposed change

Both ATP equipment and DOO platform monitors are redundant on HAL infrastructure. Both the Class 345 and Class 387 trains to the airport use ETCS to provide signalling protection and are not fitted with ATP.

Similarly, both the Class 345 and Class 387 rolling stock do not use the DOO monitors (and associated cameras) on the station platforms with the monitors now within the driver cabs.

## 4. Specification of works

The removal of redundant ATP equipment and switching off and future removal of the DOO platform monitors and associated cameras from Heathrow Central (Terminals 2 & 3), Terminal 4 and Terminal 5 stations.

It is also proposed to formally remove the Class 332 and Class 360 from Sectional Appendix Table D2A for GW180 as route cleared electrical multiple units on Engineer’s Line Reference (ELR), Heathrow Link Line (HLL).

## 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	October 2024
Commence Network Change consultation	October 2024
Complete Network Change consultation	December 2024
Removal of ATP and DOO equipment	April 2025

## **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 of the HAL Network Code 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	Aoife Considine	<a href="mailto:aoife.considine@heathrow.com">aoife.considine@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>
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	Nick Arthurton	<a href="mailto:nick.arthurton@mtrel.co.uk">nick.arthurton@mtrel.co.uk</a>

### Other Infrastructure Managers

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Network Rail	Nicole Coady	<a href="mailto:Nicole.Coady@networkrail.co.uk">Nicole.Coady@networkrail.co.uk</a>

**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>
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