

See e-mail distribution list

Heathrow Airport Limited  
The Compass Centre  
Nelson Road  
Hounslow  
Middlesex  
TW6 2GW  
Email address: rail@heathrow.com

31<sup>st</sup> May 2016

Dear Sir/madam,

**Proposed G1 Network Change:  
[HAL-NC/G1/2016/ETCS/001] - Deployment of ETCS in Heathrow Tunnels**

This Network Change notice is issued in accordance with Condition [G1.1] of the HAL Network Code and constitutes a formal proposal for a Network Change under that Condition.

Heathrow Airport Ltd. (HAL) wishes to implement the Network Change described above and is required under the Condition [G1] to give notice of its proposal to the parties shown on the attached distribution list. Condition [G2] allows all affected train operators to consider the scheme and bring to HAL's attention any matters that concern them regarding the change. Train operators may all assess the impact of the proposed change on their business and inform HAL what the direct costs and benefits of implementing the change are likely to be (if any).

Any direct costs that arise from the consequence of any Restriction of Use associated with the implementation of this proposed Network Change will be compensated under [Schedule 8 of your Track Access] Contract and will not form any part of any claim that you may make in accordance with Condition [G2.2].

This Network Change notice outlines HAL's proposal to deploy ETCS (Level 2) overlay system on the HAL rail network in order to support the introduction of the Crossrail service.

A detailed specification of the scheme is set out in Appendix A to this letter and includes a plan showing where the work is to be done and the parts of the Network and associated railway assets likely to be affected. HAL is proposing the change on behalf of Network Rail who is remitted by Crossrail Ltd. to deploy ETCS (Level 2) overlay as the signalling system to be used by Crossrail Class 345 fleet when operating on Network Rail Great Western Route and HAL infrastructures.

In accordance with Condition [G1.2 (d)], HAL is seeking comments from you and the persons listed in the attached distribution list to establish whether or not you are content for the change to be implemented. We invite you to consider the proposed scheme and forward your comments to us by **1<sup>st</sup> July 2016**. If a formal response is not received by this date, it will be deemed that you accept this proposal without compensation,

Please reply using the appropriate response template. These can be found on HAL's website. Wherever practically possible, please send all responses electronically to [rail@heathrow.com](mailto:rail@heathrow.com).

Respondents should clearly indicate if they consider that all or part of their response is "sensitive information" as defined in [Part A of the Network Code]

Please let me know if you require any further details to enable you to respond formally to this notice.

Yours faithfully,

James Cornelius  
Heathrow Rail Projects Manager

## Distribution List

Organisation	Name	Email
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### Train Operators

Heathrow Express	Warren Johnson	<a href="mailto:warren_johnson@heathrowexpress.com">warren_johnson@heathrowexpress.com</a>
MTR Crossrail	Ian Brightmore	<a href="mailto:ian.brightmore@mtrcrossrail.co.uk">ian.brightmore@mtrcrossrail.co.uk</a>
	Jonathan James	<a href="mailto:jonathan.james@mtrcrossrail.co.uk">jonathan.james@mtrcrossrail.co.uk</a>
	Steve Agace	<a href="mailto:steve.agace@mtrcrossrail.co.uk">steve.agace@mtrcrossrail.co.uk</a>

### Other Infrastructure Managers

Network Rail	Eduardo Da Silva	<a href="mailto:eduardo.dasilva@networkrail.com">eduardo.dasilva@networkrail.com</a>
Network Rail	Angela Bradbury	<a href="mailto:angela.bradbury@networkrail.com">angela.bradbury@networkrail.com</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>
Crossrail Ltd	Tony Byrne	<a href="mailto:tonybyrne2@crossrail.co.uk">tonybyrne2@crossrail.co.uk</a>
	Paul Richardson	<a href="mailto:paulrichardson@tfl.gov.uk">paulrichardson@tfl.gov.uk</a>
Passenger Focus	John Sears	<a href="mailto:john.sears@transportfocus.org.uk">john.sears@transportfocus.org.uk</a>
ATOC	Miranda Cleary	<a href="mailto:miranda.cleary@atoc.org">miranda.cleary@atoc.org</a>