

Mr Philip Garner
Alstom Group
Litchurch Lane
Derby
DE24 8AD

Case Ref: PRM-IOP-00611

IN: UK/51/2026/002

14th August 2026

Contact: Adam Buckland

25 Cabot Square
London
E14 4QZ

Dear Mr Garner,

**THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED
APPLICATION FOR AUTHORISATION TO PLACE IN SERVICE OF TEN ADDITIONAL 9-
CAR CLASS 345 UNITS EQUIPPED WITH ONBOARD ETCS**

I refer to your application for authorisation, received on the 30th July 2026. Following review of your application, I can confirm that ORR grants authorisation under regulation 4(1)(a) of the Railways (Interoperability) Regulations 2011, as amended. This authorisation is for the placing in service of the ten additional 9-car Class 345 Units equipped with onboard ETCS shown in Appendix 1.

The conditions of use on the structural subsystems are those referenced on the UK Declaration of Verification 3EER400033-5262 Appendix A (Revision 2) dated 10th August 2026 and contained in technical file report, reference TRUK/B 26/108-TF dated 30th July 2026.

I also refer to your Declaration according to Article 16 (EU) 402/2013 as amended, reference 3EER400033-5262 Appendix B dated 30th July 2026.

The rolling stock and control command and signalling subsystems authorised by this letter must be operated and maintained in accordance with Regulation 20.

You should be aware that any future modifications to the authorised subsystem may constitute a further 'renewal' or 'upgrade' as defined in Regulation 2. If a project entity, in relation to the project, considers that the modification meets either of these definitions they may apply, in accordance with the provisions of Regulation 13, to the Department for Transport (DfT) for a decision on whether a new authorisation will be required.

Should DfT decide that an authorisation is not required they must consult with ORR whether authorisation is required on safety grounds.

As the project entity you are responsible for retaining the technical file, keeping it up to date and making it available to the ORR in accordance with Regulations 18 and 19.

If you are not the owner of the authorised subsystem you shall within 60 days, in accordance with Regulation 19(3), transfer the technical file, certificate of verification and verification declaration to the owner of the subsystem and the owner shall then be regarded as the project entity. If the owner, in accordance with Regulation 19(4), disposes of his interest in the authorised subsystem, they shall within 60 days of the disposal transfer the technical file, certificate of verification and verification declaration to the person acquiring that interest and that person shall be regarded as the project entity.

Please note that under Regulation 36, the person who applied for the authorisation shall send particulars to the Registration Entity to enable the registration entity to update the information on the National Vehicle Register. This will include such further information as the registration entity may reasonably require set out in the relevant standard.

If you are the Operator, may I remind you of the need to have adequate arrangements within your Safety Management System to control the risks associated with this upgraded rolling stock subsystem.

This decision letter will be published on ORR's website.

Yours sincerely

Steve Fletcher
Deputy Director, Engineering & Asset Management

Cc

James Le Grice	Head of Interoperability, Safety and Standards DfT
David Galloway	Head of System Compatibility, Network Rail
Giles Turner	ORR Head of Interoperability & Rail Vehicle Engineering
Shreya Vanmari	ORR HM Inspector of Railways
ORR Interoperability	interoperability@orr.gov.uk
National Vehicle Register	nvr@networkrail.co.uk

Appendix 1: Vehicle Numbers

Designation	DMS-1	PMS-1	MS1	MS3-1	TS(W)	MS3-2	MS2	PMS-2	DMS-2
345071	340171	340271	340371	340471	340571	340671	340771	340871	340971
345072	340172	340272	340372	340472	340572	340672	340772	340872	340972
345073	340173	340273	340373	340473	340573	340673	340773	340873	340973
345074	340174	340274	340374	340474	340574	340674	340774	340874	340974
345075	340175	340275	340375	340475	340575	340675	340775	340875	340975
345076	340176	340276	340376	340476	340576	340676	340776	340876	340976
345077	340177	340277	340377	340477	340577	340677	340777	340877	340977
345078	340178	340278	340378	340478	340578	340678	340778	340878	340978
345079	340179	340279	340379	340479	340579	340679	340779	340879	340979
345080	340180	340280	340380	340480	340580	340680	340780	340880	340980