

Mr Steve Leigh  
Program Manager  
Network Rail Telecoms  
The Quadrant, Level 2 Caldecotte,  
Eldergate  
Milton Keynes  
Buckinghamshire  
MK9 1HA

Your Ref : OP158365  
R00012

Case Ref : PRM-IOP-0333

EIN Number : As listed

Date: 21<sup>st</sup> December 2020

**Contact: Adam Buckland**

2 Rivergate,  
Temple Quay,  
Bristol.  
BS1 6EH.

Dear Steve,

**THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED  
TYPE AUTHORISATION OF GSM-R V4.0 FITTED TO THE VEHICLES LISTED IN  
THIS LETTER IN CONFORMITY WITH EUROPEAN REGISTER OF AUTHORISED  
TYPE REFERENCE 11-095-0001-5-001.**

I refer to your application for type authorisation, received on 16<sup>th</sup> December 2020. Following a review of your application, I can confirm that ORR grants an authorisation under regulation 9 of the Railways (Interoperability) Regulations 2011, as amended.

This authorisation is for the placing in service of V4.0 GSM-R Cab Mobile sub system fitted with an interference resistant transceiver. In addition, there is an option to replace the current GSM-R antenna with a combined GSM-R/GPS antenna and to fit and additional LTE antenna.

- GSM-R Cab Mobile Type - GSM-R V4.0 Cab Mobile SVR400+ with NR4.0 software (Build 1127) which incorporate an ETSI TS 102 933 V 2.1.1 compliant transceiver.
- GSM-R/GPS antenna (Fitment of combined GSM-R/GPS antennae is optional)
  - Huber & Suhner – SWA-0825/360/5/30/DFRX30
  - Polomarconi – BGLD1/S
- LTE antenna (Fitment of LTE antennae is optional)
  - Huber & Suhner – SWA-0825/360/5/30/MIMO
  - Panorama Antennas – TRNM-7-60-NJ
  - Polomarconi – T01811814
  - Huber & Suhner – Sencity Rail MIMO Antenna 1399.17.0222

This conforms to European Register of Authorised Types (ERATV) type 11-095-0001-5-001.

This authorisation applies to the following inclusive.

Operator	Class	Vehicle	Cab	V4.0 Installation Date	EIN
Cross Country	170	170101	A	23/11/2020	UK/51/2020/0051
Cross Country	170	170101	B	23/11/2020	UK/51/2020/0051
Cross Country	170	170105	A	16/11/2020	UK/51/2020/0051
Cross Country	170	170105	B	16/11/2020	UK/51/2020/0051
Cross Country	170	170112	A	17/11/2020	UK/51/2020/0051
Cross Country	170	170112	B	17/11/2020	UK/51/2020/0051
Cross Country	170	170113	A	02/12/2020	UK/51/2020/0051
Cross Country	170	170113	B	02/12/2020	UK/51/2020/0051
Cross Country	170	170114	A	23/11/2020	UK/51/2020/0051
Cross Country	170	170114	B	23/11/2020	UK/51/2020/0051
Cross Country	170	170117	A	20/11/2020	UK/51/2020/0051
Cross Country	170	170117	B	20/11/2020	UK/51/2020/0051
Cross Country	170	170520	B	09/12/2020	UK/51/2020/0051
Cross Country	170	170522	A	03/12/2020	UK/51/2020/0051
Cross Country	170	170522	B	03/12/2020	UK/51/2020/0051
Cross Country	170	170523	A	27/11/2020	UK/51/2020/0051
Cross Country	170	170523	B	27/11/2020	UK/51/2020/0051
Cross Country	170	170636	A	03/12/2020	UK/51/2020/0051
Cross Country	170	170636	B	03/12/2020	UK/51/2020/0051
Cross Country	170	170637	A	01/12/2020	UK/51/2020/0051
Cross Country	170	170637	B	01/12/2020	UK/51/2020/0051
Cross Country	170	170638	A	18/11/2020	UK/51/2020/0051
Cross Country	170	170638	B	18/11/2020	UK/51/2020/0051
Cross Country	220	220007	A	27/11/2020	UK/51/2020/0061
Cross Country	220	220007	B	27/11/2020	UK/51/2020/0061
Cross Country	220	220008	A	07/12/2020	UK/51/2020/0061
Cross Country	220	220008	B	07/12/2020	UK/51/2020/0061
Cross Country	220	220022	A	16/11/2020	UK/51/2020/0061
Cross Country	220	220022	B	16/11/2020	UK/51/2020/0061
Cross Country	220	220028	A	26/11/2020	UK/51/2020/0061
Cross Country	220	220028	B	26/11/2020	UK/51/2020/0061
Cross Country	221	221123	A	06/12/2020	UK/51/2020/0062

Cross Country	221	221123	B	06/12/2020	UK/51/2020/0062
Cross Country	221	221129	A	11/12/2020	UK/51/2020/0062
Cross Country	221	221129	B	11/12/2020	UK/51/2020/0062
Cross Country	221	221131	A	19/11/2020	UK/51/2020/0062
Cross Country	221	221131	B	19/11/2020	UK/51/2020/0062
Cross Country	221	221133	A	23/11/2020	UK/51/2020/0062
Cross Country	221	221133	B	23/11/2020	UK/51/2020/0062
Cross Country	221	221139	A	06/12/2020	UK/51/2020/0062
Cross Country	221	221139	B	06/12/2020	UK/51/2020/0062
Cross Country	43	43207	A	16/11/2020	UK/51/2020/0056
Cross Country	43	43208	A	27/11/2020	UK/51/2020/0056
Cross Country	43	43239	A	30/11/2020	UK/51/2020/0056
Cross Country	43	43303	A	19/11/2020	UK/51/2020/0056
EUROPHOENIX	37	37601	A	07/12/2020	UK/51/2020/0015
EUROPHOENIX	37	37608	A	08/12/2020	UK/51/2020/0015
EUROPHOENIX	37	37611	A	07/12/2020	UK/51/2020/0015
EUROPHOENIX	37	37800	A	08/12/2020	UK/51/2020/0015
Great Western Railway	08	08641	A	30/11/2020	UK/51/2020/0065
Great Western Railway	08	08644	A	03/12/2020	UK/51/2020/0065
Great Western Railway	08	08645	A	20/11/2020	UK/51/2020/0065
Great Western Railway	08	08822	A	11/12/2020	UK/51/2020/0065
Great Western Railway	158	158749	A	10/12/2020	UK/51/2020/0013
Great Western Railway	158	158749	B	10/12/2020	UK/51/2020/0013
Great Western Railway	158	158750	A	11/12/2020	UK/51/2020/0013
Great Western Railway	158	158750	B	11/12/2020	UK/51/2020/0013
Great Western Railway	158	158769	A	10/12/2020	UK/51/2020/0013
Great Western Railway	158	158769	B	10/12/2020	UK/51/2020/0013
Great Western Railway	158	158959	A	10/12/2020	UK/51/2020/0013
Great Western Railway	158	158959	B	10/12/2020	UK/51/2020/0013
Great Western Railway	165	165133	A	18/11/2020	UK/51/2020/0042
Great Western Railway	165	165133	B	17/11/2020	UK/51/2020/0042
Great Western Railway	166	166206	A	03/12/2020	UK/51/2020/0066
Great Western Railway	166	166206	B	04/12/2020	UK/51/2020/0066
Great Western Railway	166	166210	A	11/12/2020	UK/51/2020/0066
Great Western Railway	166	166210	B	11/12/2020	UK/51/2020/0066
Great Western Railway	166	166220	A	12/12/2020	UK/51/2020/0066
Great Western Railway	166	166220	B	12/12/2020	UK/51/2020/0066
Great Western Railway	43	43004	A	10/12/2020	UK/51/2020/0056
Great Western Railway	43	43040	A	17/11/2020	UK/51/2020/0056

Great Western Railway	43	43042	A	02/12/2020	UK/51/2020/0056
Great Western Railway	43	43093	A	17/11/2020	UK/51/2020/0056
Great Western Railway	43	43097	A	25/11/2020	UK/51/2020/0056
Great Western Railway	43	43098	A	16/11/2020	UK/51/2020/0056
Great Western Railway	43	43162	A	25/11/2020	UK/51/2020/0056
Great Western Railway	43	43186	A	24/11/2020	UK/51/2020/0056
Great Western Railway	43	43187	A	18/11/2020	UK/51/2020/0056
Great Western Railway	43	43198	A	23/11/2020	UK/51/2020/0056
Great Western Railway	57	57603	A	05/12/2020	UK/51/2020/0071
Great Western Railway	57	57604	A	23/11/2020	UK/51/2020/0071
Great Western Railway	57	57605	A	22/11/2020	UK/51/2020/0071
Greater Anglia	317	317337	A	01/12/2020	UK/51/2020/0067
Greater Anglia	317	317337	B	01/12/2020	UK/51/2020/0067
Greater Anglia	317	317348	A	23/11/2020	UK/51/2020/0067
Greater Anglia	317	317348	B	23/11/2020	UK/51/2020/0067
Greater Anglia	317	317502	A	01/12/2020	UK/51/2020/0067
Greater Anglia	317	317502	B	01/12/2020	UK/51/2020/0067
Greater Anglia	317	317504	A	24/11/2020	UK/51/2020/0067
Greater Anglia	317	317504	B	24/11/2020	UK/51/2020/0067
Greater Anglia	317	317508	A	20/11/2020	UK/51/2020/0067
Greater Anglia	317	317508	B	20/11/2020	UK/51/2020/0067
Greater Anglia	317	317511	A	10/12/2020	UK/51/2020/0067
Greater Anglia	317	317511	B	10/12/2020	UK/51/2020/0067
Greater Anglia	317	317512	A	02/12/2020	UK/51/2020/0067
Greater Anglia	317	317512	B	02/12/2020	UK/51/2020/0067
Greater Anglia	317	317515	A	09/12/2020	UK/51/2020/0067
Greater Anglia	317	317515	B	09/12/2020	UK/51/2020/0067
Greater Anglia	317	317709	A	18/11/2020	UK/51/2020/0067
Greater Anglia	317	317709	B	18/11/2020	UK/51/2020/0067
Greater Anglia	317	317710	A	19/11/2020	UK/51/2020/0067
Greater Anglia	317	317710	B	19/11/2020	UK/51/2020/0067
Greater Anglia	317	317719	A	04/12/2020	UK/51/2020/0067
Greater Anglia	317	317719	B	04/12/2020	UK/51/2020/0067
Greater Anglia	317	317723	A	04/12/2020	UK/51/2020/0067
Greater Anglia	317	317723	B	04/12/2020	UK/51/2020/0067
Greater Anglia	317	317882	A	09/12/2020	UK/51/2020/0067
Greater Anglia	317	317882	B	09/12/2020	UK/51/2020/0067
Greater Anglia	317	317886	A	23/11/2020	UK/51/2020/0067
Greater Anglia	317	317886	B	23/11/2020	UK/51/2020/0067

Greater Anglia	321	321302	A	27/11/2020	UK/51/2020/0068
Greater Anglia	321	321302	B	27/11/2020	UK/51/2020/0068
Greater Anglia	321	321307	A	20/11/2020	UK/51/2020/0068
Greater Anglia	321	321307	B	20/11/2020	UK/51/2020/0068
Greater Anglia	321	321315	A	10/12/2020	UK/51/2020/0068
Greater Anglia	321	321315	B	10/12/2020	UK/51/2020/0068
Greater Anglia	321	321328	A	25/11/2020	UK/51/2020/0068
Greater Anglia	321	321328	B	25/11/2020	UK/51/2020/0068
Greater Anglia	321	321329	A	24/11/2020	UK/51/2020/0068
Greater Anglia	321	321329	B	24/11/2020	UK/51/2020/0068
HST Preservation Group	43	43048	A	08/12/2020	UK/51/2020/0056
HST Preservation Group	43	43089	A	08/12/2020	UK/51/2020/0056
Network Rail	073	073120	A	27/11/2020	UK/51/2020/0018
Network Rail	073	073120	B	27/11/2020	UK/51/2020/0018
Network Rail	079	079267	A	27/11/2020	UK/51/2020/0070
South Western Railway	444	444005	A	17/11/2020	UK/51/2020/0058
South Western Railway	444	444005	B	17/11/2020	UK/51/2020/0058
South Western Railway	444	444011	A	21/11/2020	UK/51/2020/0058
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South Western Railway	444	444013	A	01/12/2020	UK/51/2020/0058
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South Western Railway	444	444015	A	19/11/2020	UK/51/2020/0058
South Western Railway	444	444015	B	19/11/2020	UK/51/2020/0058
South Western Railway	444	444018	A	07/12/2020	UK/51/2020/0058
South Western Railway	444	444018	B	07/12/2020	UK/51/2020/0058
South Western Railway	444	444019	A	05/12/2020	UK/51/2020/0058
South Western Railway	444	444019	B	05/12/2020	UK/51/2020/0058
South Western Railway	444	444024	A	30/11/2020	UK/51/2020/0058
South Western Railway	444	444024	B	30/11/2020	UK/51/2020/0058
South Western Railway	444	444025	A	04/12/2020	UK/51/2020/0058
South Western Railway	444	444025	B	04/12/2020	UK/51/2020/0058
South Western Railway	444	444039	A	16/11/2020	UK/51/2020/0058
South Western Railway	444	444039	B	16/11/2020	UK/51/2020/0058
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South Western Railway	450	450006	A	27/11/2020	UK/51/2020/0059

South Western Railway	450	450006	B	27/11/2020	UK/51/2020/0059
South Western Railway	450	450007	A	18/11/2020	UK/51/2020/0059
South Western Railway	450	450007	B	18/11/2020	UK/51/2020/0059
South Western Railway	450	450011	A	29/11/2020	UK/51/2020/0059
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South Western Railway	450	450017	A	26/11/2020	UK/51/2020/0059
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South Western Railway	450	450027	A	30/11/2020	UK/51/2020/0059
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South Western Railway	450	450031	A	28/11/2020	UK/51/2020/0059
South Western Railway	450	450031	B	28/11/2020	UK/51/2020/0059
South Western Railway	450	450033	A	28/11/2020	UK/51/2020/0059
South Western Railway	450	450033	B	28/11/2020	UK/51/2020/0059
South Western Railway	450	450037	A	20/11/2020	UK/51/2020/0059
South Western Railway	450	450037	B	20/11/2020	UK/51/2020/0059
South Western Railway	450	450039	A	03/12/2020	UK/51/2020/0059
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South Western Railway	450	450042	A	19/11/2020	UK/51/2020/0059
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South Western Railway	450	450043	A	29/11/2020	UK/51/2020/0059
South Western Railway	450	450043	B	29/11/2020	UK/51/2020/0059
South Western Railway	450	450046	A	29/11/2020	UK/51/2020/0059
South Western Railway	450	450046	B	29/11/2020	UK/51/2020/0059
South Western Railway	450	450051	A	28/11/2020	UK/51/2020/0059
South Western Railway	450	450051	B	28/11/2020	UK/51/2020/0059
South Western Railway	450	450052	A	21/11/2020	UK/51/2020/0059
South Western Railway	450	450052	B	21/11/2020	UK/51/2020/0059
South Western Railway	450	450054	A	29/11/2020	UK/51/2020/0059
South Western Railway	450	450054	B	29/11/2020	UK/51/2020/0059
South Western Railway	450	450056	A	02/12/2020	UK/51/2020/0059
South Western Railway	450	450056	B	02/12/2020	UK/51/2020/0059
South Western Railway	450	450057	A	24/11/2020	UK/51/2020/0059
South Western Railway	450	450057	B	24/11/2020	UK/51/2020/0059
South Western Railway	450	450059	A	02/12/2020	UK/51/2020/0059
South Western Railway	450	450059	B	02/12/2020	UK/51/2020/0059
South Western Railway	450	450060	A	18/11/2020	UK/51/2020/0059
South Western Railway	450	450060	B	18/11/2020	UK/51/2020/0059

South Western Railway	450	450069	A	20/11/2020	UK/51/2020/0059
South Western Railway	450	450069	B	20/11/2020	UK/51/2020/0059
South Western Railway	450	450071	A	24/11/2020	UK/51/2020/0059
South Western Railway	450	450071	B	24/11/2020	UK/51/2020/0059
South Western Railway	450	450072	A	10/12/2020	UK/51/2020/0059
South Western Railway	450	450072	B	10/12/2020	UK/51/2020/0059
South Western Railway	450	450077	A	09/12/2020	UK/51/2020/0059
South Western Railway	450	450077	B	09/12/2020	UK/51/2020/0059
South Western Railway	450	450083	A	11/12/2020	UK/51/2020/0059
South Western Railway	450	450083	B	11/12/2020	UK/51/2020/0059
South Western Railway	450	450097	A	18/11/2020	UK/51/2020/0059
South Western Railway	450	450097	B	18/11/2020	UK/51/2020/0059
South Western Railway	450	450098	A	03/12/2020	UK/51/2020/0059
South Western Railway	450	450098	B	03/12/2020	UK/51/2020/0059
South Western Railway	450	450101	A	21/11/2020	UK/51/2020/0059
South Western Railway	450	450101	B	21/11/2020	UK/51/2020/0059
South Western Railway	450	450103	A	25/11/2020	UK/51/2020/0059
South Western Railway	450	450103	B	25/11/2020	UK/51/2020/0059
South Western Railway	450	450109	A	01/12/2020	UK/51/2020/0059
South Western Railway	450	450109	B	01/12/2020	UK/51/2020/0059
South Western Railway	450	450110	A	30/11/2020	UK/51/2020/0059
South Western Railway	450	450110	B	30/11/2020	UK/51/2020/0059
South Western Railway	450	450112	A	21/11/2020	UK/51/2020/0059
South Western Railway	450	450112	B	21/11/2020	UK/51/2020/0059
South Western Railway	450	450115	A	09/12/2020	UK/51/2020/0059
South Western Railway	450	450115	B	09/12/2020	UK/51/2020/0059
South Western Railway	450	450117	A	22/11/2020	UK/51/2020/0059
South Western Railway	450	450117	B	22/11/2020	UK/51/2020/0059
South Western Railway	701	701020	A	27/11/2020	UK/51/2020/0060
South Western Railway	701	701021	A	16/11/2020	UK/51/2020/0060
South Western Railway	701	701021	B	17/11/2020	UK/51/2020/0060
South Western Railway	701	701022	A	29/11/2020	UK/51/2020/0060
South Western Railway	701	701022	B	25/11/2020	UK/51/2020/0060
South Western Railway	701	701023	A	02/12/2020	UK/51/2020/0060
South Western Railway	701	701023	B	02/12/2020	UK/51/2020/0060
South Western Railway	701	701025	A	09/12/2020	UK/51/2020/0060
South Western Railway	701	701025	B	09/12/2020	UK/51/2020/0060
Southeastern	375	375604	A	19/11/2020	UK/51/2020/0035
Southeastern	375	375604	B	19/11/2020	UK/51/2020/0035

Southeastern	375	375606	A	07/12/2020	UK/51/2020/0035
Southeastern	375	375606	B	07/12/2020	UK/51/2020/0035
Southeastern	375	375629	A	17/11/2020	UK/51/2020/0035
Southeastern	375	375629	B	17/11/2020	UK/51/2020/0035
Southeastern	375	375704	A	03/12/2020	UK/51/2020/0035
Southeastern	375	375704	B	03/12/2020	UK/51/2020/0035
Southeastern	375	375712	A	09/12/2020	UK/51/2020/0035
Southeastern	375	375712	B	09/12/2020	UK/51/2020/0035
Southeastern	375	375713	A	09/12/2020	UK/51/2020/0035
Southeastern	375	375713	B	09/12/2020	UK/51/2020/0035
Southeastern	375	375802	A	17/11/2020	UK/51/2020/0035
Southeastern	375	375802	B	17/11/2020	UK/51/2020/0035
Southeastern	375	375814	A	26/11/2020	UK/51/2020/0035
Southeastern	375	375814	B	26/11/2020	UK/51/2020/0035
Southeastern	375	375906	A	10/12/2020	UK/51/2020/0035
Southeastern	375	375906	B	10/12/2020	UK/51/2020/0035
Southeastern	375	375909	A	12/12/2020	UK/51/2020/0035
Southeastern	375	375909	B	12/12/2020	UK/51/2020/0035
Southeastern	375	375916	A	21/11/2020	UK/51/2020/0035
Southeastern	375	375916	B	21/11/2020	UK/51/2020/0035
Southeastern	375	375920	A	29/11/2020	UK/51/2020/0035
Southeastern	375	375920	B	29/11/2020	UK/51/2020/0035
Southeastern	375	375921	A	20/11/2020	UK/51/2020/0035
Southeastern	375	375921	B	20/11/2020	UK/51/2020/0035
Southeastern	375	375924	A	25/11/2020	UK/51/2020/0035
Southeastern	375	375924	B	25/11/2020	UK/51/2020/0035
Southeastern	375	375926	A	03/12/2020	UK/51/2020/0035
Southeastern	375	375926	B	03/12/2020	UK/51/2020/0035
Southeastern	376	376003	A	11/12/2020	UK/51/2020/0036
Southeastern	376	376003	B	11/12/2020	UK/51/2020/0036
Southeastern	376	376008	A	23/11/2020	UK/51/2020/0036
Southeastern	376	376008	B	23/11/2020	UK/51/2020/0036
Southeastern	376	376009	A	09/12/2020	UK/51/2020/0036
Southeastern	376	376009	B	09/12/2020	UK/51/2020/0036
Southeastern	376	376010	A	12/12/2020	UK/51/2020/0036
Southeastern	376	376010	B	12/12/2020	UK/51/2020/0036
Southeastern	376	376014	A	09/12/2020	UK/51/2020/0036
Southeastern	376	376014	B	09/12/2020	UK/51/2020/0036
Southeastern	376	376020	A	30/11/2020	UK/51/2020/0036



Southeastern	376	376020	B	30/11/2020	UK/51/2020/0036
Southeastern	376	376021	A	23/11/2020	UK/51/2020/0036
Southeastern	376	376021	B	23/11/2020	UK/51/2020/0036
Southeastern	376	376025	A	24/11/2020	UK/51/2020/0036
Southeastern	376	376025	B	24/11/2020	UK/51/2020/0036
Southeastern	376	376029	A	25/11/2020	UK/51/2020/0036
Southeastern	376	376029	B	25/11/2020	UK/51/2020/0036
Southeastern	376	376034	A	12/12/2020	UK/51/2020/0036
Southeastern	376	376034	B	12/12/2020	UK/51/2020/0036
Southeastern	376	376035	A	09/12/2020	UK/51/2020/0036
Southeastern	376	376035	B	09/12/2020	UK/51/2020/0036
Southeastern	465	465007	A	21/11/2020	UK/51/2020/0037
Southeastern	465	465007	B	21/11/2020	UK/51/2020/0037
Southeastern	465	465029	A	21/11/2020	UK/51/2020/0037
Southeastern	465	465029	B	21/11/2020	UK/51/2020/0037
Southeastern	465	465033	A	01/12/2020	UK/51/2020/0037
Southeastern	465	465033	B	01/12/2020	UK/51/2020/0037
Southeastern	465	465044	A	05/12/2020	UK/51/2020/0037
Southeastern	465	465044	B	05/12/2020	UK/51/2020/0037
Southeastern	465	465046	A	28/11/2020	UK/51/2020/0037
Southeastern	465	465046	B	28/11/2020	UK/51/2020/0037
Southeastern	465	465161	A	18/11/2020	UK/51/2020/0037
Southeastern	465	465161	B	19/11/2020	UK/51/2020/0037
Southeastern	465	465165	A	16/11/2020	UK/51/2020/0037
Southeastern	465	465165	B	16/11/2020	UK/51/2020/0037
Southeastern	465	465170	A	27/11/2020	UK/51/2020/0037
Southeastern	465	465170	B	27/11/2020	UK/51/2020/0037
Southeastern	465	465172	A	03/12/2020	UK/51/2020/0037
Southeastern	465	465172	B	03/12/2020	UK/51/2020/0037
Southeastern	465	465175	A	16/11/2020	UK/51/2020/0037
Southeastern	465	465175	B	16/11/2020	UK/51/2020/0037
Southeastern	465	465189	A	04/12/2020	UK/51/2020/0037
Southeastern	465	465189	B	04/12/2020	UK/51/2020/0037
Southeastern	465	465911	A	25/11/2020	UK/51/2020/0037
Southeastern	465	465911	B	25/11/2020	UK/51/2020/0037
Southeastern	465	465916	A	02/12/2020	UK/51/2020/0037
Southeastern	465	465916	B	02/12/2020	UK/51/2020/0037
Southeastern	465	465918	A	03/12/2020	UK/51/2020/0037
Southeastern	465	465918	B	03/12/2020	UK/51/2020/0037

Southeastern	465	465925	A	27/11/2020	UK/51/2020/0037
Southeastern	465	465925	B	27/11/2020	UK/51/2020/0037
Southeastern	465	465930	A	20/11/2020	UK/51/2020/0037
Southeastern	465	465930	B	20/11/2020	UK/51/2020/0037
Southeastern	466	466001	A	03/12/2020	UK/51/2020/0041
Southeastern	466	466001	B	03/12/2020	UK/51/2020/0041
Southeastern	466	466007	A	27/11/2020	UK/51/2020/0041
Southeastern	466	466007	B	27/11/2020	UK/51/2020/0041
Southeastern	466	466012	A	09/12/2020	UK/51/2020/0041
Southeastern	466	466012	B	09/12/2020	UK/51/2020/0041
Southeastern	466	466013	A	25/11/2020	UK/51/2020/0041
Southeastern	466	466013	B	25/11/2020	UK/51/2020/0041
Southeastern	466	466015	A	20/11/2020	UK/51/2020/0041
Southeastern	466	466015	B	20/11/2020	UK/51/2020/0041
Southeastern	466	466016	A	01/12/2020	UK/51/2020/0041
Southeastern	466	466016	B	01/12/2020	UK/51/2020/0041
Southeastern	466	466019	A	03/12/2020	UK/51/2020/0041
Southeastern	466	466019	B	03/12/2020	UK/51/2020/0041
Southeastern	466	466020	A	08/12/2020	UK/51/2020/0041
Southeastern	466	466020	B	08/12/2020	UK/51/2020/0041
Southeastern	466	466021	A	30/11/2020	UK/51/2020/0041
Southeastern	466	466021	B	30/11/2020	UK/51/2020/0041
Southeastern	466	466023	A	07/12/2020	UK/51/2020/0041
Southeastern	466	466023	B	07/12/2020	UK/51/2020/0041
Southeastern	466	466026	A	19/11/2020	UK/51/2020/0041
Southeastern	466	466026	B	19/11/2020	UK/51/2020/0041
Southeastern	466	466027	A	09/12/2020	UK/51/2020/0041
Southeastern	466	466027	B	09/12/2020	UK/51/2020/0041
Southeastern	466	466031	A	08/12/2020	UK/51/2020/0041
Southeastern	466	466031	B	08/12/2020	UK/51/2020/0041
Southeastern	466	466035	A	17/11/2020	UK/51/2020/0041
Southeastern	466	466035	B	17/11/2020	UK/51/2020/0041
West Midlands Trains	170	170508	A	03/12/2020	UK/51/2020/0051
West Midlands Trains	319	319013	A	20/11/2020	UK/51/2020/0053
West Midlands Trains	319	319013	B	20/11/2020	UK/51/2020/0053

The restrictions or limitations of use on the structural subsystem are those referenced in the Determination of Type.

The rolling stock subsystem 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 'renewal' or an '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 declaration of conformity to an authorised type of railway vehicle, documentation recording any alterations, and maintenance manuals in relation to the subsystem, keeping them up to date and making them available to the ORR in accordance with Regulation 19.

If you are not the owner of the authorised subsystem you shall within 60 days, in accordance with Regulation 19(3), transfer the declaration of conformity to an authorised type of railway vehicle, documentation recording any alterations, and maintenance manuals in relation to the subsystem 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, he shall within 60 days of the disposal transfer the declaration of conformity to an authorised type of railway vehicle, documentation recording any alterations, and maintenance manuals in relation to the subsystem 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 enter 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 rolling stock subsystem.

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

Yours sincerely



Steve Fletcher - ORR Deputy Director, Railway Planning and Performance.

Cc

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