

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

Your Ref : OP158365
R00016

Case Ref : PRM-IOP-0333

IN Number : As listed

Date: 15th July 2021

Contact: Adam Buckland

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

Dear Steve,

THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED UK 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 authorisation against an approved type, received on 2nd July 2021. 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	IN
Abellio ScotRail	153	153373	A	05/06/2021	UK/51/2021/0024
Abellio ScotRail	153	153380	A	05/06/2021	UK/51/2021/0024
Abellio ScotRail	158	158708	A	02/06/2021	UK/51/2020/0013
Abellio ScotRail	158	158708	B	02/06/2021	UK/51/2020/0013
Abellio ScotRail	158	158713	A	02/06/2021	UK/51/2020/0013
Abellio ScotRail	158	158714	A	02/06/2021	UK/51/2020/0013
Abellio ScotRail	170	170433	A	01/06/2021	UK/51/2020/0051
Abellio ScotRail	334	334010	A	03/06/2021	UK/51/2021/0005
Abellio ScotRail	334	334010	B	03/06/2021	UK/51/2021/0005
Abellio ScotRail	43	43015	A	31/05/2021	UK/51/2020/0056
Abellio ScotRail	43	43021	A	31/05/2021	UK/51/2020/0056
Abellio ScotRail	43	43125	A	04/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43126	A	01/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43127	A	04/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43128	A	01/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43133	A	01/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43147	A	02/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43150	A	31/05/2021	UK/51/2020/0056
Abellio ScotRail	43	43151	A	16/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43152	A	16/06/2021	UK/51/2020/0056
Abellio ScotRail	43	43176	A	01/06/2021	UK/51/2020/0056
Arriva Rail London	710	710260	A	18/06/2021	UK/51/2021/0049
Arriva Rail London	710	710260	B	18/06/2021	UK/51/2021/0049
Arriva Rail London	710	710376	A	24/06/2021	UK/51/2021/0049
Arriva Rail London	710	710376	B	24/06/2021	UK/51/2021/0049
Babcock	073	073916	A	11/06/2021	UK/51/2020/0018
Babcock	073	073916	B	02/06/2021	UK/51/2020/0018
Class 40 Preservation Society	40	40145	A	23/06/2021	UK/51/2021/0033
Colas Rail	37	37610	A	10/06/2021	UK/51/2020/0015
Colas Rail	50	50050	A	18/06/2021	UK/51/2020/0069
Colas Rail	56	56051	A	18/06/2021	UK/51/2020/0063

Operator	Class	Vehicle	Cab	V4.0 Installation Date	IN
Colas Rail	56	56090	A	17/06/2021	UK/51/2020/0063
Colas Rail	56	56113	A	17/06/2021	UK/51/2020/0063
Colas Rail	66	66846	A	04/06/2021	UK/51/2020/0001
Colas Rail	67	67023	A	02/06/2021	UK/51/2021/0029
Colas Rail	67	67027	A	02/06/2021	UK/51/2021/0029
Colas Rail	70	70801	A	23/06/2021	UK/51/2020/0002
Colas Rail	70	70803	A	01/06/2021	UK/51/2020/0002
Colas Rail	70	70804	A	22/06/2021	UK/51/2020/0002
Colas Rail	70	70805	A	03/06/2021	UK/51/2020/0002
Colas Rail	70	70817	A	08/06/2021	UK/51/2020/0002
Cross Country	220	220030	A	31/05/2021	UK/51/2020/0061
Cross Country	220	220030	B	31/05/2021	UK/51/2020/0061
Cross Country	220	220031	A	15/06/2021	UK/51/2020/0061
Cross Country	220	220031	B	15/06/2021	UK/51/2020/0061
DB Cargo	66	66040	A	22/06/2021	UK/51/2020/0001
DB Cargo	66	66074	A	03/06/2021	UK/51/2020/0001
DB Cargo	67	67005	A	08/06/2021	UK/51/2021/0029
DB Cargo	67	67006	A	03/06/2021	UK/51/2021/0029
DB Cargo	90	90037	A	10/06/2021	UK/51/2020/0004
DB Cargo	92	92015	A	02/06/2021	UK/51/2021/0050
DB Cargo	92	92029	A	03/06/2021	UK/51/2021/0050
DB Cargo	92	92041	A	18/06/2021	UK/51/2021/0050
DRS	37	37038	A	09/06/2021	UK/51/2020/0015
DRS	37	37059	A	16/06/2021	UK/51/2020/0015
DRS	37	37218	A	26/06/2021	UK/51/2020/0015
DRS	37	37402	A	09/06/2021	UK/51/2020/0015
DRS	57	57304	A	16/06/2021	UK/51/2020/0071
DRS	66	66301	A	17/06/2021	UK/51/2020/0001
DRS	66	66305	A	18/06/2021	UK/51/2020/0001
DRS	66	66422	A	26/06/2021	UK/51/2020/0001
DRS	66	66423	A	10/06/2021	UK/51/2020/0001
DRS	66	66424	A	25/06/2021	UK/51/2020/0001
DRS	66	66425	A	24/06/2021	UK/51/2020/0001
DRS	66	66432	A	24/06/2021	UK/51/2020/0001
DRS	66	66433	A	17/06/2021	UK/51/2020/0001
DRS	68	68001	A	08/06/2021	UK/51/2021/0040
DRS	68	68004	A	08/06/2021	UK/51/2021/0040

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DRS	68	68005	A	04/06/2021	UK/51/2021/0040
DRS	68	68008	A	01/06/2021	UK/51/2021/0040
DRS	68	68009	A	01/06/2021	UK/51/2021/0040
DRS	68	68014	A	31/05/2021	UK/51/2021/0040
DRS	68	68018	A	01/06/2021	UK/51/2021/0040
DRS	68	68022	A	17/06/2021	UK/51/2021/0040
DRS	68	68023	A	09/06/2021	UK/51/2021/0040
DRS	68	68024	A	10/06/2021	UK/51/2021/0040
DRS	68	68027	A	17/06/2021	UK/51/2021/0040
DRS	68	68031	A	09/06/2021	UK/51/2021/0040
DRS	88	88001	A	18/06/2021	UK/51/2021/0041
DRS	88	88005	A	17/06/2021	UK/51/2021/0041
DRS	88	88007	A	24/06/2021	UK/51/2021/0041
East Midlands Railway	156	156909	A	16/06/2021	UK/51/2021/0002
East Midlands Railway	156	156909	B	16/06/2021	UK/51/2021/0002
East Midlands Railway	170	170273	A	15/06/2021	UK/51/2020/0051
East Midlands Railway	170	170273	B	15/06/2021	UK/51/2020/0051
East Midlands Railway	222	222002	A	17/06/2021	UK/51/2021/0031
East Midlands Railway	222	222002	B	12/06/2021	UK/51/2021/0031
East Midlands Railway	222	222007	A	16/06/2021	UK/51/2021/0031
East Midlands Railway	222	222007	B	16/06/2021	UK/51/2021/0031
East Midlands Railway	222	222015	A	05/06/2021	UK/51/2021/0031
East Midlands Railway	222	222015	B	05/06/2021	UK/51/2021/0031
East Midlands Railway	222	222016	A	14/06/2021	UK/51/2021/0031
East Midlands Railway	222	222016	B	14/06/2021	UK/51/2021/0031
East Midlands Railway	222	222018	A	10/06/2021	UK/51/2021/0031
East Midlands Railway	222	222023	A	03/06/2021	UK/51/2021/0031
East Midlands Railway	222	222023	B	03/06/2021	UK/51/2021/0031
East Midlands Railway	222	222102	A	30/05/2021	UK/51/2021/0031
East Midlands Railway	222	222102	B	30/05/2021	UK/51/2021/0031
GB Railfreight	66	66740	A	21/06/2021	UK/51/2020/0001
Govia Thameslink Railway	377	377442	A	02/06/2021	UK/51/2020/0008
Govia Thameslink Railway	377	377442	B	02/06/2021	UK/51/2020/0008
Great Western Railway	165	165105	A	03/06/2021	UK/51/2020/0042
Great Western Railway	165	165105	B	03/06/2021	UK/51/2020/0042
Great Western Railway	165	165106	A	26/06/2021	UK/51/2020/0042
Great Western Railway	165	165106	B	26/06/2021	UK/51/2020/0042

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Great Western Railway	165	165109	A	24/06/2021	UK/51/2020/0042
Great Western Railway	165	165109	B	24/06/2021	UK/51/2020/0042
Great Western Railway	165	165118	A	14/06/2021	UK/51/2020/0042
Great Western Railway	165	165118	B	14/06/2021	UK/51/2020/0042
Great Western Railway	165	165125	A	17/06/2021	UK/51/2020/0042
Great Western Railway	165	165125	B	16/06/2021	UK/51/2020/0042
Great Western Railway	166	166201	A	13/06/2021	UK/51/2020/0066
Great Western Railway	166	166201	B	13/06/2021	UK/51/2020/0066
Great Western Railway	387	387137	A	07/06/2021	UK/51/2020/0009
Great Western Railway	387	387137	B	07/06/2021	UK/51/2020/0009
Great Western Railway	387	387144	A	17/06/2021	UK/51/2020/0009
Great Western Railway	387	387144	B	17/06/2021	UK/51/2020/0009
Great Western Railway	387	387145	A	10/06/2021	UK/51/2020/0009
Great Western Railway	387	387145	B	10/06/2021	UK/51/2020/0009
Great Western Railway	387	387146	A	07/06/2021	UK/51/2020/0009
Great Western Railway	387	387146	B	07/06/2021	UK/51/2020/0009
Great Western Railway	387	387164	A	16/06/2021	UK/51/2020/0009
Great Western Railway	387	387164	B	16/06/2021	UK/51/2020/0009
Greater Anglia	379	379001	A	03/06/2021	UK/51/2021/0032
Greater Anglia	379	379001	B	03/06/2021	UK/51/2021/0032
Greater Anglia	379	379012	A	17/06/2021	UK/51/2021/0032
Greater Anglia	379	379012	B	16/06/2021	UK/51/2021/0032
Greater Anglia	379	379015	A	02/06/2021	UK/51/2021/0032
Greater Anglia	379	379015	B	02/06/2021	UK/51/2021/0032
Greater Anglia	379	379019	A	08/06/2021	UK/51/2021/0032
Greater Anglia	379	379019	B	08/06/2021	UK/51/2021/0032
Greater Anglia	379	379029	A	10/06/2021	UK/51/2021/0032
Greater Anglia	379	379029	B	10/06/2021	UK/51/2021/0032
Greater Anglia	755	755327	A	17/06/2021	UK/51/2021/0012
Greater Anglia	755	755327	B	17/06/2021	UK/51/2021/0012
Greater Anglia	755	755334	A	25/06/2021	UK/51/2021/0012
Greater Anglia	755	755334	B	25/06/2021	UK/51/2021/0012
Greater Anglia	755	755419	A	18/06/2021	UK/51/2021/0012
Greater Anglia	755	755419	B	18/06/2021	UK/51/2021/0012
LNER	801	801203	A	18/06/2021	UK/51/2021/0014
LNER	801	801203	B	18/06/2021	UK/51/2021/0014
Locomotive Services	08	08483	A	23/06/2021	UK/51/2020/0065

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Locomotive Services	20	20107	A	23/06/2021	UK/51/2021/0027
Locomotive Services	43	43047	A	07/06/2021	UK/51/2020/0056
Locomotive Services	43	43049	A	07/06/2021	UK/51/2020/0056
Locomotive Services	47	47810	A	23/06/2021	UK/51/2020/0034
Locomotive Services	47	47853	A	21/06/2021	UK/51/2020/0034
Locomotive Services	82	82127	A	23/06/2021	UK/51/2020/0044
Locomotive Services	90	90001	A	21/06/2021	UK/51/2020/0004
Locomotive Services	98	98728	A	22/06/2021	UK/51/2020/0017
Locomotive Services	98	98832	A	22/06/2021	UK/51/2020/0017
Locomotive Services	99	99288	A	21/06/2021	UK/51/2021/0045
Locomotive Services	99	99291	A	22/06/2021	UK/51/2021/0045
Nemesis	31	31128	A	11/06/2021	UK/51/2021/0046
Nemesis	45	45112	A	02/06/2021	UK/51/2021/0047
Nemesis	45	45112	B	02/06/2021	UK/51/2021/0047
Network Rail	080	080210	A	14/06/2021	UK/51/2021/0042
Network Rail	080	080210	B	14/06/2021	UK/51/2021/0042
Network Rail	080	080215	A	16/06/2021	UK/51/2021/0042
Network Rail	080	080215	B	16/06/2021	UK/51/2021/0042
Northern Trains Ltd	150	150003	A	07/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150003	B	07/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150102	A	12/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150102	B	12/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150110	A	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150110	B	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150111	A	09/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150111	B	09/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150116	A	17/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150124	A	07/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150124	B	07/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150125	A	08/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150125	B	08/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150127	A	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150127	B	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150128	A	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150128	B	06/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150131	A	16/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150131	B	16/06/2021	UK/51/2021/0009

Operator	Class	Vehicle	Cab	V4.0 Installation Date	IN
Northern Trains Ltd	150	150146	A	16/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150146	B	16/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150220	A	09/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150220	B	09/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150224	A	22/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150224	B	22/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150226	A	16/06/2021	UK/51/2021/0009
Northern Trains Ltd	150	150226	B	16/06/2021	UK/51/2021/0009
Northern Trains Ltd	153	153328	A	09/06/2021	UK/51/2021/0024
Northern Trains Ltd	153	153330	A	17/06/2021	UK/51/2021/0024
Northern Trains Ltd	153	153358	A	16/06/2021	UK/51/2021/0024
Northern Trains Ltd	156	156420	A	01/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156420	B	01/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156429	A	08/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156429	B	08/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156459	A	24/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156459	B	24/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156461	A	06/06/2021	UK/51/2021/0002
Northern Trains Ltd	156	156461	B	06/06/2021	UK/51/2021/0002
Northern Trains Ltd	158	158787	A	01/06/2021	UK/51/2020/0013
Northern Trains Ltd	158	158787	B	01/06/2021	UK/51/2020/0013
Northern Trains Ltd	158	158902	A	02/06/2021	UK/51/2020/0013
Northern Trains Ltd	158	158902	B	02/06/2021	UK/51/2020/0013
Northern Trains Ltd	195	195115	A	21/06/2021	UK/51/2021/0019
Northern Trains Ltd	195	195115	B	21/06/2021	UK/51/2021/0019
Northern Trains Ltd	333	333001	A	21/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333001	B	21/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333004	A	18/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333004	B	18/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333005	A	23/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333005	B	23/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333006	A	31/05/2021	UK/51/2021/0036
Northern Trains Ltd	333	333006	B	31/05/2021	UK/51/2021/0036
Northern Trains Ltd	333	333010	A	09/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333010	B	09/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333011	A	02/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333011	B	02/06/2021	UK/51/2021/0036

Operator	Class	Vehicle	Cab	V4.0 Installation Date	IN
Northern Trains Ltd	333	333012	A	17/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333012	B	15/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333016	A	08/06/2021	UK/51/2021/0036
Northern Trains Ltd	333	333016	B	08/06/2021	UK/51/2021/0036
Princess Elizabeth Loco Society	98	98801	A	16/06/2021	UK/51/2020/0017
Royal Scot Trust	98	98700	A	22/06/2021	UK/51/2020/0017
South Western Railway	701	701008	B	03/06/2021	UK/51/2020/0060
South Western Railway	701	701035	A	01/06/2021	UK/51/2020/0060
South Western Railway	701	701036	B	10/06/2021	UK/51/2020/0060
Southeastern	375	375825	B	12/06/2021	UK/51/2020/0035
Steam Loco	98	98506	A	10/06/2021	UK/51/2020/0017
Steam Loco	98	98818	A	16/06/2021	UK/51/2020/0017
TransPennine Express	185	185101	A	13/06/2021	UK/51/2021/0043
TransPennine Express	185	185101	B	13/06/2021	UK/51/2021/0043
TransPennine Express	185	185102	A	07/06/2021	UK/51/2021/0043
TransPennine Express	185	185102	B	07/06/2021	UK/51/2021/0043
TransPennine Express	185	185104	A	16/06/2021	UK/51/2021/0043
TransPennine Express	185	185104	B	16/06/2021	UK/51/2021/0043
TransPennine Express	185	185105	A	23/06/2021	UK/51/2021/0043
TransPennine Express	185	185105	B	24/06/2021	UK/51/2021/0043
TransPennine Express	185	185112	A	22/06/2021	UK/51/2021/0043
TransPennine Express	185	185112	B	22/06/2021	UK/51/2021/0043
TransPennine Express	185	185114	A	03/06/2021	UK/51/2021/0043
TransPennine Express	185	185114	B	03/06/2021	UK/51/2021/0043
TransPennine Express	185	185124	A	07/06/2021	UK/51/2021/0043
TransPennine Express	185	185124	B	07/06/2021	UK/51/2021/0043
TransPennine Express	185	185125	A	04/06/2021	UK/51/2021/0043
TransPennine Express	185	185125	B	04/06/2021	UK/51/2021/0043
TransPennine Express	185	185128	A	24/06/2021	UK/51/2021/0043
TransPennine Express	185	185128	B	24/06/2021	UK/51/2021/0043
TransPennine Express	185	185129	A	31/05/2021	UK/51/2021/0043
TransPennine Express	185	185129	B	31/05/2021	UK/51/2021/0043
TransPennine Express	185	185130	A	06/06/2021	UK/51/2021/0043
TransPennine Express	185	185130	B	06/06/2021	UK/51/2021/0043
TransPennine Express	185	185136	A	02/06/2021	UK/51/2021/0043
TransPennine Express	185	185136	B	02/06/2021	UK/51/2021/0043

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TransPennine Express	185	185139	A	21/06/2021	UK/51/2021/0043
TransPennine Express	185	185139	B	21/06/2021	UK/51/2021/0043
TransPennine Express	185	185141	A	12/06/2021	UK/51/2021/0043
TransPennine Express	185	185141	B	12/06/2021	UK/51/2021/0043
TransPennine Express	185	185148	A	10/06/2021	UK/51/2021/0043
TransPennine Express	185	185148	B	10/06/2021	UK/51/2021/0043
TransPennine Express	185	185149	A	13/06/2021	UK/51/2021/0043
TransPennine Express	185	185149	B	13/06/2021	UK/51/2021/0043
TransPennine Express	185	185151	A	09/06/2021	UK/51/2021/0043
West Coast Railways	33	33025	A	23/06/2021	UK/51/2021/0048
West Coast Railways	33	33207	A	21/06/2021	UK/51/2021/0048
West Coast Railways	37	37685	A	09/06/2021	UK/51/2020/0015
West Coast Railways	47	47245	A	21/06/2021	UK/51/2020/0034
West Coast Railways	47	47270	A	08/06/2021	UK/51/2020/0034
West Coast Railways	47	47580	A	01/06/2021	UK/51/2020/0034
West Coast Railways	47	47746	A	17/06/2021	UK/51/2020/0034
West Coast Railways	47	47772	A	23/06/2021	UK/51/2020/0034
West Coast Railways	47	47802	A	15/06/2021	UK/51/2020/0034
West Coast Railways	47	47812	A	15/06/2021	UK/51/2020/0034
West Coast Railways	47	47813	A	15/06/2021	UK/51/2020/0034
West Coast Railways	47	47826	A	15/06/2021	UK/51/2020/0034
West Coast Railways	57	57006	A	08/06/2021	UK/51/2020/0071
West Coast Railways	57	57313	A	09/06/2021	UK/51/2020/0071
West Coast Railways	57	57314	A	09/06/2021	UK/51/2020/0071
West Coast Railways	57	57316	A	10/06/2021	UK/51/2020/0071
West Coast Railways	57	57601	A	08/06/2021	UK/51/2020/0071
West Coast Railways	86	86401	A	09/06/2021	UK/51/2020/0003
West Coast Railways	98	98715	A	16/06/2021	UK/51/2020/0017
West Midlands Trains	170	170517	A	18/06/2021	UK/51/2020/0051

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



Ian Prosser – ORR Director, Railway Safety

Cc

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