

Mr. Paul Carter
Design Assurance and Authorisation Manager
Bombardier Transportation UK Ltd. (T/A Alstom)
Registered Office: Litchurch Lane,
Derby,
DE24 8AD

Case Ref PRM-IOP-0327
EIN UK/51/2022/0010

18th November 2022

Contact: Paul Frary
HM Inspector of Railways
25 Cabot Square
London
E14 4QZ

Dear Mr. Carter

THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED
Authorisation of AVENTRA CL730/0 upgrade for multiple unit operation (3x CL730/0)

UNIT NUMBERS (INCLUSIVE): 730001-730048

I refer to your application for authorisation, received on the October 27th 2022.

Following review of your application, I can confirm that ORR grants upgraded authorisation under regulation 4 (1) (a) of the Railways (Interoperability) Regulations 2011, as amended. This authorisation is for the placing into service Class 730 vehicles as per Appendix 1.

I refer to your UK Declaration of Verification, reference 3EER400032-5647 dated 27th October 2022.

The restrictions or limitations of use on the structural subsystem are those contained in your Declaration of Verification dated 27th October 2022 and contained in your Technical File, reference 3EER400032-5646.

Conditions of Use Inherent in the Vehicle Design are recorded in document 3EER400032-5054. Hazards have been controlled to an acceptable level by the application of Alstom's Safety Management Plan 3EER400026-8272.

The Technical File should be kept up to date.

There are no additional conditions.

The rolling stock subsystem(s) 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 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, he 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 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.

The person who applied for the authorisation to place in service will be issued with a determination of type in accordance with Commission Implementing Decision 2011/665/EC. The person who applied for the authorisation to place in service will receive the type authorisation after providing the data to the Registration Entity in accordance with Annex II of Commission Implementing Decision 2011/665/EC.

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(s).

This decision letter will be published on ORR website.

Yours sincerely



Steve Fletcher
Deputy Director, Engineering & Asset Management

Cc

Ian Prosser	Director, Railway Safety Directorate, ORR
James Le Grice	Head of Interoperability, DfT
National Vehicle Register	nvr@networkrail.co.uk
Matthew Farrell	Head of Inspection Team (South)
Giles Turner	Head of Interoperability, ORR
Dave Galloway	Professional Head of System Compatibility, NR

Appendix 1

CLASS	UNIT	DM1(Met)		PMLW(Met)		DM2(Met)	
		(Domestic)	(European)	(Domestic)	(European)	(Domestic)	(European)
730/0	730001	490001	947004900017	492001	947004920015	494001	947004940013
730/0	730002	490002	947004900025	492002	947004920023	494002	947004940021
730/0	730003	490003	947004900033	492003	947004920031	494003	947004940039
730/0	730004	490004	947004900041	492004	947004920049	494004	947004940047
730/0	730005	490005	947004900058	492005	947004920056	494005	947004940054
730/0	730006	490006	947004900066	492006	947004920064	494006	947004940062
730/0	730007	490007	947004900074	492007	947004920072	494007	947004940070
730/0	730008	490008	947004900082	492008	947004920080	494008	947004940088
730/0	730009	490009	947004900090	492009	947004920098	494009	947004940096
730/0	730010	490010	947004900108	492010	947004920106	494010	947004940104
730/0	730011	490011	947004900116	492011	947004920114	494011	947004940112
730/0	730012	490012	947004900124	492012	947004920122	494012	947004940120
730/0	730013	490013	947004900132	492013	947004920130	494013	947004940138
730/0	730014	490014	947004900140	492014	947004920148	494014	947004940146
730/0	730015	490015	947004900157	492015	947004920155	494015	947004940153
730/0	730016	490016	947004900165	492016	947004920163	494016	947004940161
730/0	730017	490017	947004900173	492017	947004920171	494017	947004940179
730/0	730018	490018	947004900181	492018	947004920189	494018	947004940187
730/0	730019	490019	947004900199	492019	947004920197	494019	947004940195
730/0	730020	490020	947004900207	492020	947004920205	494020	947004940203
730/0	730021	490021	947004900215	492021	947004920213	494021	947004940211
730/0	730022	490022	947004900223	492022	947004920221	494022	947004940229
730/0	730023	490023	947004900231	492023	947004920239	494023	947004940237
730/0	730024	490024	947004900249	492024	947004920247	494024	947004940245
730/0	730025	490025	947004900256	492025	947004920254	494025	947004940252
730/0	730026	490026	947004900264	492026	947004920262	494026	947004940260
730/0	730027	490027	947004900272	492027	947004920270	494027	947004940278
730/0	730028	490028	947004900280	492028	947004920288	494028	947004940286
730/0	730029	490029	947004900298	492029	947004920296	494029	947004940294
730/0	730030	490030	947004900306	492030	947004920304	494030	947004940302
730/0	730031	490031	947004900314	492031	947004920312	494031	947004940310
730/0	730032	490032	947004900322	492032	947004920320	494032	947004940328
730/0	730033	490033	947004900330	492033	947004920338	494033	947004940336
730/0	730034	490034	947004900348	492034	947004920346	494034	947004940344
730/0	730035	490035	947004900355	492035	947004920353	494035	947004940351
730/0	730036	490036	947004900363	492036	947004920361	494036	947004940369
730/0	730037	490037	947004900371	492037	947004920379	494037	947004940377
730/0	730038	490038	947004900389	492038	947004920387	494038	947004940385
730/0	730039	490039	947004900397	492039	947004920395	494039	947004940393
730/0	730040	490040	947004900405	492040	947004920403	494040	947004940401

730/0	730041	490041	947004900413	492041	947004920411	494041	947004940419
730/0	730042	490042	947004900421	492042	947004920429	494042	947004940427
730/0	730043	490043	947004900439	492043	947004920437	494043	947004940435
730/0	730044	490044	947004900447	492044	947004920445	494044	947004940443
730/0	730045	490045	947004900454	492045	947004920452	494045	947004940450
730/0	730046	490046	947004900462	492046	947004920460	494046	947004940468
730/0	730047	490047	947004900470	492047	947004920478	494047	947004940476
730/0	730048	490048	947004900488	492048	947004920486	494048	947004940484