

Mr Sam Hunt,
Project Engineer
VTG Rail UK Ltd
Two Parklands
Parklands Business Park
Rubery
Birmingham, B45 9PZ

Case Ref: PRM-IOP-0363
IN Number: UK/53/2021/0001

Date 30 March 2021

Russell Keir
Rail Vehicles Engineer
HM Inspector of Railways
46 Bath Street
Glasgow G2 1HG

Dear Mr Sam Hunt,

**THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED
VTG ECOFRET 2.0 INTERMODAL TRIPLES WAGONS (BUILD 7)**

I refer to your application for authorisation, received on the 17 March 2021. Following review of your application, I can confirm that ORR grants a first authorisation under regulation 4(1)(a) of the Railways (Interoperability) Regulations 2011, as amended.

This authorisation is for the placing in service of 84 off, FWA Ecofret2 intermodal triples, 252 off in total - an 'inner' wagon with 2 'outer' wagons, FWA-D(Inner) / FWA-C(Outer) – Vehicle numbers recorded in the annex to this letter.

The restrictions or limitations of use on the structural subsystem are those contained on the UK declaration of verification

- dated 26 March 2021

and contained in your technical file,

- CS/9475/R02, Issue 3 dated 17 March 2021

Constraints & Restrictions

- The vehicles are authorised for operation within GB only
- Maximum speed 75 mph
- Maximum axle load 20.5 tonnes
- Route availability: RA7 Laden (82t), RA1 Tare (EN 12663-2 category FII)
- The wagon shall not be loose, or hump shunted (EN 12663-2 category FII)

- The Ecofret2 Wagons do not conform to the Lower Sector Vehicle Gauge (LSVG). NTR GM/RT2173 -issue 3 clause 2.2.4.2.
- Network Rail summary compatibility shall be issued in accordance with RIS-8270-RST (issue 1) prior to vehicles being 'Put into Use'
- The operator has adequate arrangements within its 'Safety Management System' to control the risks associated with this rolling stock subsystem
- Matters raised by the Safety Assessment Report ACS/9475/R05 safety requirement recommendations DD1 and DR19 shall be addressed before the wagons enter service in compliance with VTG resolution plan FWA-FN10, Issue 1

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's website.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Steve Fletcher', written in a cursive style.

Steve Fletcher

Cc

Ian Jones
David Galloway
Luigi D'Angelo
Pete Gracey
ORR Interoperability
Patrick Talbot,
National Vehicle Register

Head of Interoperability, Safety and Standards DfT
Head of System Compatibility, Network Rail
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ORR Head of Interoperability & Rail Vehicle Engineering
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Annex

Vehicle Numbers: Count - Variant Vehicle Number		
1 Outer 83704520198-0	85 Outer 83704520254-1	169 Outer 83704520310-1
2 Inner 83704521035-3	86 Inner 83704521063-5	170 Inner 83704521091-6
3 Outer 83704520199-8	87 Outer 83704520255-8	171 Outer 83704520311-9
4 Outer 83704520200-4	88 Outer 83704520256-6	172 Outer 83704520312-7
5 Inner 83704521036-1	89 Inner 83704521064-3	173 Inner 83704521092-4
6 Outer 83704520201-2	90 Outer 83704520257-4	174 Outer 83704520313-5
7 Outer 83704520202-0	91 Outer 83704520258-2	175 Outer 83704520314-3
8 Inner 83704521037-9	92 Inner 83704521065-0	176 Inner 83704521093-2
9 Outer 83704520203-8	93 Outer 83704520259-0	177 Outer 83704520315-0
10 Outer 83704520204-6	94 Outer 83704520260-8	178 Outer 83704520316-8
11 Inner 83704521038-7	95 Inner 83704521066-8	179 Inner 83704521094-0
12 Outer 83704520205-3	96 Outer 83704520261-6	180 Outer 83704520317-6
13 Outer 83704520206-1	97 Outer 83704520262-4	181 Outer 83704520318-4
14 Inner 83704521039-5	98 Inner 83704521067-6	182 Inner 83704521095-7
15 Outer 83704520207-9	99 Outer 83704520263-2	183 Outer 83704520319-2
16 Outer 83704520208-7	100 Outer 83704520264-0	184 Outer 83704520320-0
17 Inner 83704521040-3	101 Inner 83704521068-4	185 Inner 83704521096-5
18 Outer 83704520209-5	102 Outer 83704520265-7	186 Outer 83704520321-8
19 Outer 83704520210-3	103 Outer 83704520266-5	187 Outer 83704520322-6
20 Inner 83704521041-1	104 Inner 83704521069-2	188 Inner 83704521097-3
21 Outer 83704520211-1	105 Outer 83704520267-3	189 Outer 83704520323-4
22 Outer 83704520212-9	106 Outer 83704520268-1	190 Outer 83704520324-2
23 Inner 83704521042-9	107 Inner 83704521070-0	191 Inner 83704521098-1
24 Outer 83704520213-7	108 Outer 83704520269-9	192 Outer 83704520325-9
25 Outer 83704520214-5	109 Outer 83704520270-7	193 Outer 83704520326-7
26 Inner 83704521043-7	110 Inner 83704521071-8	194 Inner 83704521099-9
27 Outer 83704520215-2	111 Outer 83704520271-5	195 Outer 83704520327-5
28 Outer 83704520216-0	112 Outer 83704520272-3	196 Outer 83704520328-3
29 Inner 83704521044-5	113 Inner 83704521072-6	197 Inner 83704521100-5
30 Outer 83704520217-8	114 Outer 83704520273-1	198 Outer 83704520329-1
31 Outer 83704520218-6	115 Outer 83704520274-9	199 Outer 83704520330-9
32 Inner 83704521045-2	116 Inner 83704521073-4	200 Inner 83704521101-3
33 Outer 83704520219-4	117 Outer 83704520275-6	201 Outer 83704520331-7
34 Outer 83704520220-2	118 Outer 83704520276-4	202 Outer 83704520332-5
35 Inner 83704521046-0	119 Inner 83704521074-2	203 Inner 83704521102-1
36 Outer 83704520221-0	120 Outer 83704520277-2	204 Outer 83704520333-3
37 Outer 83704520222-8	121 Outer 83704520278-0	205 Outer 83704520334-1
38 Inner 83704521047-8	122 Inner 83704521075-9	206 Inner 83704521103-9

39 Outer 83704520223-6	123 Outer 83704520279-8	207 Outer 83704520335-8
40 Outer 83704520224-4	124 Outer 83704520280-6	208 Outer 83704520336-6
41 Inner 83704521048-6	125 Inner 83704521076-7	209 Inner 83704521104-7
42 Outer 83704520225-1	126 Outer 83704520281-4	210 Outer 83704520337-4
43 Outer 83704520226-9	127 Outer 83704520282-2	211 Outer 83704520338-2
44 Inner 83704521049-4	128 Inner 83704521077-5	212 Inner 83704521105-4
45 Outer 83704520227-7	129 Outer 83704520283-0	213 Outer 83704520339-0
46 Outer 83704520228-5	130 Outer 83704520284-8	214 Outer 83704520340-8
47 Inner 83704521050-2	131 Inner 83704521078-3	215 Inner 83704521106-2
48 Outer 83704520229-3	132 Outer 83704520285-5	216 Outer 83704520341-6
49 Outer 83704520230-1	133 Outer 83704520286-3	217 Outer 83704520342-4
50 Inner 83704521051-0	134 Inner 83704521079-1	218 Inner 83704521107-0
51 Outer 83704520231-9	135 Outer 83704520287-1	219 Outer 83704520343-2
52 Outer 83704520232-7	136 Outer 83704520288-9	220 Outer 83704520344-0
53 Inner 83704521052-8	137 Inner 83704521080-9	221 Inner 83704521108-8
54 Outer 83704520233-5	138 Outer 83704520289-7	222 Outer 83704520345-7
55 Outer 83704520234-3	139 Outer 83704520290-5	223 Outer 83704520346-5
56 Inner 83704521053-6	140 Inner 83704521081-7	224 Inner 83704521109-6
57 Outer 83704520235-0	141 Outer 83704520291-3	225 Outer 83704520347-3
58 Outer 83704520236-8	142 Outer 83704520292-1	226 Outer 83704520348-1
59 Inner 83704521054-4	143 Inner 83704521082-5	227 Inner 83704521110-4
60 Outer 83704520237-6	144 Outer 83704520293-9	228 Outer 83704520349-9
61 Outer 83704520238-4	145 Outer 83704520294-7	229 Outer 83704520350-7
62 Inner 83704521055-1	146 Inner 83704521083-3	230 Inner 83704521111-2
63 Outer 83704520239-2	147 Outer 83704520295-4	231 Outer 83704520351-5
64 Outer 83704520240-0	148 Outer 83704520296-2	232 Outer 83704520352-3
65 Inner 83704521056-9	149 Inner 83704521084-1	233 Inner 83704521112-0
66 Outer 83704520241-8	150 Outer 83704520297-0	234 Outer 83704520353-1
67 Outer 83704520242-6	151 Outer 83704520298-8	235 Outer 83704520354-9
68 Inner 83704521057-7	152 Inner 83704521085-8	236 Inner 83704521113-8
69 Outer 83704520243-4	153 Outer 83704520299-6	237 Outer 83704520355-6
70 Outer 83704520244-2	154 Outer 83704520300-2	238 Outer 83704520356-4
71 Inner 83704521058-5	155 Inner 83704521086-6	239 Inner 83704521114-6
72 Outer 83704520245-9	156 Outer 83704520301-0	240 Outer 83704520357-2
73 Outer 83704520246-7	157 Outer 83704520302-8	241 Outer 83704520358-0
74 Inner 83704521059-3	158 Inner 83704521087-4	242 Inner 83704521115-3
75 Outer 83704520247-5	159 Outer 83704520303-6	243 Outer 83704520359-8
76 Outer 83704520248-3	160 Outer 83704520304-4	244 Outer 83704520360-6
77 Inner 83704521060-1	161 Inner 83704521088-2	245 Inner 83704521116-1
78 Outer 83704520249-1	162 Outer 83704520305-1	246 Outer 83704520361-4
79 Outer 83704520250-9	163 Outer 83704520306-9	247 Outer 83704520362-2
80 Inner 83704521061-9	164 Inner 83704521089-0	248 Inner 83704521117-9
81 Outer 83704520251-7	165 Outer 83704520307-7	249 Outer 83704520363-0
82 Outer 83704520252-5	166 Outer 83704520308-5	250 Outer 83704520364-8
83 Inner 83704521062-	167 Inner 83704521090-8	251 Inner 83704521118-7
84 Outer 83704520253-3	168 Outer 83704520309-3	252 Outer 83704520365-5