Service Type: Sprinter/Rural	Min Req applies	Minimum Requirement Introduction Date*		*Where applicable, rolling stock is exempt from the early Minimum Requirement Introduction Date if it can be demonstrated that it will be replaced by new build rolling stock													
		If Not Exempt	If Exempt	Class 158/0	Class TBA CAF Civity (3	Class 150/2	Class 153	Class 175/0	Class 175/1	Class 230	Class 170/2	Class 170/2	Class TBA CAF Civity (2	Class TBA CAF Civity (3	Class TBA CAF Civity (3 car -	Class TBA CAF Civity (3 car	
					car - standard class only)					0.000			car)	car - First class ready)	First class fitted)	Decommissioned First class)	
2 Type		N/A	N/A	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	DMU	
3 [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
4 [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
5 Lease Start Date		N/A	N/A	14/10/2018	See R6.7	14/10/2018	14/10/2018	14/10/2018	14/10/2018	01/04/2019	01/10/2019	01/10/2019	See R6.7	See R6.7	31/12/2024	See R6.7	
6 Lease End Date		N/A	N/A	31/10/2022	16/10/2033	31/12/2023	31/10/2022	31/05/2022	31/05/2022	16/10/2033	16/10/2033 [REDACTED]	16/10/2033 + [REDACTED]	16/10/2033	31/12/2024	16/10/2033	31/12/2024	
7 Number of units at the Start Date		N/A	N/A	24	0	36	8	П	16	0	0	0	0	0	0	0	
Number of units (max number used during term of Grant Agreement)		N/A	N/A	24	12	36	13	11	16	5	4	8	51	Up to 7, depending on First Class deployment strategy Total of 14 "First class ready" or "Decommissioned First class"	. 14	From 7 to 14, depending on First Cland deployment strategy Total of 14 "First class ready" or "Decommissioned First class"	
9 Vehicles / Unit		N/A	N/A	2	3	2	1	2	3	3	2	3	2	3	3	3	
10 Specified Routes		N/A	N/A	Birmingham/Shrewsbury Aberystwyth/Pwllheli Holyhead	Milford Haven - Cardiff - Manchester/Holyhead	Llandudno - Blaenau Ffestiniog Shrewsbury - Crewe West Wales, Heart of Wales 8 Shrewsbury - Crewe	West Wales, Heart of Wales & Shrewsbury - Crewe	: Milford Haven - Cardiff - Manchester/Holyhead	Milford Haven - Cardiff - Manchester/Holyhead	Llandudno - Blaenau Ffestiniog Shrewsbury - Crewe	West Wales, Heart of Wales & Shrewsbury - Crewe	: West Wales, Heart of Wales & Shrewsbury - Crewe	Birmingham/Shrewsbury Aberystwyth/Pwllheli Holyhead Milford Haven - Cardiff - Manchester/Holyhead	Milford Haven - Cardiff - Manchester/Holyhead	Milford Haven - Cardiff - Manchester/Holyhead	Milford Haven - Cardiff - Manchester/Holyhead	
PRM / RVAR Compliant (* Mandatory compliance by December 31st 2019)	✓	31/12/2019	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
12 Seats aligned with windows		N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
13 PRM Compliant Toilets	✓	31/12/2019	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
14 CET Toilet	✓	31/12/2019	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
15 Baby changing facilities	✓	31/12/2019	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
16 Power Supply available at all seats	✓	31/10/2020	31/12/2023	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
17 Catering facilities	✓	31/10/2020	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Overhead racks throughout train for storing small items of luggage	✓	31/10/2020	31/10/2022	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Facilities for storing large items of luggage within sight/proximity of passengers	✓	31/10/2020	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
20 Storage capacity for pushchairs / prams	✓	31/10/2020	31/10/2022	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
21 Dedicated cycle storage	✓	31/10/2020	31/10/2022	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
22 Flexible storage for cycles		N/A	N/A	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Vehicle will not affect mobile phone signal	✓	31/10/2020	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
24 Passenger Counting system	✓	31/10/2020	31/10/2022	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
25 CCTV (passenger environment)	✓	31/10/2020	31/10/2022	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
26 Wireless internet access	✓	31/10/2020	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
27 Air Conditioning System	✓	31/10/2020	31/12/2023	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
28 Pacer removal from service	✓	30/09/2020	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
30 Seat reservation		N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	
31 [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	

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Table 2B - Rolling Stock Minimum Requirements and Specifications - Sprinter / Rural Service Type

Service Type: Sprinter/Rural	Min Req	Mini	mum Requirement Introduction Date*	*Where applicable, rolling stock is exempt from the early Minimum Requirement Introduction Date if it can be demonstrated that it will be replaced by new build rolling stock													
		If Not Exempt	If Exempt	Class 158/0	Class TBA CAF Civity (3 car - standard class only)	Class 150/2	Class 153	Class 175/0	Class 175/I	Class 230	Class 170/2	Class 170/2	Class TBA CAF Civity (2 car)	Class TBA CAF Civity (3 car - First class ready)	Class TBA CAF Civity (3 car - First class fitted)	Class TBA CAF Civity (3 ca Decommissioned First class	
32 Vehicle Length in metres		N/A	N/A	22.57	24.026 - 23.350	20.06	23.21	23.71	23.71 (DMSL) - 23.03 (MSL)	18.12 - 18.37	23.62	23.61 - 23.62	24.026 - 23.350	24.026 - 23.350	24.026 - 23.350	24.026 - 23.350	
Number of vehicles fitted with passenger		N/A	N/A	0	81	18	0	0	0	6	8	24	100	81	81	81	
counting system 34 Year built		N/A	N/A	1989 - 1992	2021 - 2022	1987 - 1988	1987 - 1988	1999 - 2001	1999 - 2001	1979 - 1983	1998 - 2005	1998 - 2005	2021 - 2022	2021 - 2022	2021 - 2022	2021 - 2022	
35 Age at the Start Date	<u> </u>	N/A	N/A	26 - 29	0	31	30 - 31	17 - 19	17 - 19	35 - 39	13 - 20	13 - 20	0	0	0	0	
36 Max speed in mph	<u> </u>	N/A	N/A	90	100	75	75	100	100	60	100	100	100	100	100	100	
37 Vehicle range limiting factor		N/A	N/A	2560 km	[REDACTED]	3300 km	3300 km	4300 km	4300 km	[REDACTED]	2320 km			[REDACTED]		[REDACTED]	
							Flexible, will go on many routes	Cleared for various other	Cleared for various other					-	-		
38 Flexibility to deploy on other routes		N/A	N/A	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most route	and short platforms	routes in Wales	routes in Wales	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most routes	Flexible, will go on most ro	
39 Maximum operating length of train in metres		N/A	N/A	230	214.206	200.6	230	211.35	211.35	54.36 - 55.11	236.2	236.2	192.208	214.206	214.206	214.206	
40 Remote Fault-finding systems		N/A	N/A	KA fitting [REDACTED] fault finding system	TCMS + OTDR	KA fitting [REDACTED] fault finding system	KA fitting [REDACTED] fault finding system	KA fitting [REDACTED] fault finding system	KA fitting [REDACTED] fault finding system	TCMS + OTDR	KA fitting [REDACTED] fault finding system	KA fitting [REDACTED] fault finding system	TCMS + OTDR	TCMS + OTDR	TCMS + OTDR	TCMS + OTDR	
41 Vehicle and infrastructure monitoring systems		N/A	N/A	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	Vibration monitoring	
42 CCTV (forward facing)		N/A	N/A	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
43 Acceleration rate in m/s ²		N/A	N/A		[REDACTED]	0.66	0.61	0.6	0.6	[REDACTED]	0.7	0.7		[REDACTED]		[REDACTED]	
44 Deceleration rate in m/s ²		N/A	N/A		[REDACTED]	0.7	0.7	1	1	[REDACTED]	0.98	0.98		[REDACTED]	ļ ⁻	[REDACTED]	
45 Engine Emission Standard		N/A	N/A	Pre emission standards	Euro Stage V	Pre emission standards	Pre emission standards	Euro Stage II	Euro Stage II	Euro Stage III B	Euro Stage II	Euro Stage II	Euro Stage V	Euro Stage V	Euro Stage V	Euro Stage V	
46 Unit tare weight in tonnes		N/A	N/A	77	[REDACTED]	74	41.2	99.2	146.7	[REDACTED]	91.4	133.7	_	[REDACTED]		[REDACTED]	
				01									·	<u> </u>	-		
47 Unit fully ladened weight in tonnes		N/A	N/A	• CO: 4 g/kWh	[REDACTED]	89.12 • CO: 0.84 g/kWh	47.5 • CO: 0.84 g/kWh	112.78 • CO: 4 g/kWh	167.63 • CO: 4 g/kWh	[REDACTED]	106.8 • CO: 4 g/kWh	157.01 • CO: 4 g/kWh	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
48 Diesel emission statement		N/A	N/A	• HC: 0.55 g/kWh • NOx: 11.5 g/kWh	[REDACTED]	• HC: 0.14 g/kWh • NOx: 21.19 g/kWh	• HC: 0.14 g/kWh • NOx: 21.19 g/kWh	• HC: I.I g/kWh • NOx: 7 g/kWh	• HC: I.I g/kWh • NOx: 7 g/kWh	[REDACTED]	• HC: I.I g/kWh • NOx: 7 g/kWh	• HC· LL g/kWh	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
				• PM: 0.46 g/kWh		• PM: 0.11 g/kWh	• PM: 0.11 g/kWh	• PM: 0.15 g/kWh	• PM: 0.15 g/kWh		• PM: 0.15 g/kWh	• PM: 0.15 g/kWh					
49 Standard Class Fixed Seats		N/A	N/A	134	188	111	58	118	186	115	105	170	116	186	158	174	
50 Standard Class Tip-Up Seats		N/A	N/A	4	8	7	4	16	20	8	13	11	5	8	8	8	
Standard class seating layout (1+2, 2+2, 2+3, longitudinal, etc.)		N/A	N/A	2+2	2+2	2+2 high-back Chapman seating, mainly uni-directional	2+2 high backed Chapman seating.	2+2	2+2	2+2 bays and longitudinal	2+2 Chapman and Lazarini facing/uni-directional seating	2+2 Chapman and Lazarini facing/uni-directional seating	2+2	2+2	2+2	2+2	
52 First / Business Class Fixed Seats		N/A	N/A	0	0	0	0	0	0	0	0	7	0	0	16	0	
First / Business class seating layout (1+2, 2+2, 2+3, longitudinal, etc.)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+1 Chapman and Lazarini facing	N/A	N/A	N/A	N/A	
54 Wheelchair Spaces per Unit		N/A	N/A	2	2	2	2	2	2	2	2	2	2	2	2	2	
				Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	Assume 0.45sqm per standing	
55 Standing Capacity		N/A	N/A	passenger	passenger	passenger	passenger	passenger	passenger	passenger	passenger	passenger	passenger	passenger	passenger		
				59	118	96	28	58	91	168	100	143	79	118	100	118	
56 Dedicated cycle storage spaces per unit		N/A	N/A	2	I	0	4	0	0	2	2	2	I	1	I	ı	
57 Flexible storage spaces for cycles per unit		N/A	N/A	0	2	2	0	2	2	2	ı	1	2	2	2	2	
58 Toilets per unit		N/A	N/A	2	2	Direction little at the second 1/2	I	2	3	ı	2	3	I	2	2	2	
Door position on vehicle (i.e. vehicle end doors or 1/3 and 2/3 positioned doors)		N/A	N/A	Vehicle end doors	1/3 - 2/3	Bi-parting sliding doors at 1/3 and 2/3 position, cab-door sliding	Single leaf sliding plug at vehicle ends	Vehicle end doors	Vehicle end doors	4 single sliding doors	Double leaf, bi-parting sliding plug doors at 1/3 and 2/3 positions	Double leaf, bi-parting sliding plug doors at 1/3 and 2/3	1/3 - 2/3	1/3 - 2/3	1/3 - 2/3	1/3 - 2/3	
60 Facilities for standing passengers		N/A	N/A	Seat back handles	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles	Seat back handles	Seat back handles	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles and grab poles provided	Seat back handles and gra provided	
61 Number of fixed tables per vehicle		N/A	N/A	21 (II DMS A + IO DMS B)	16	12	6 (DMSL)	10	18	10	19	23	10	16	16	16	
62 Number of folding tables per vehicle	 	N/A	N/A	(11 DMS A + 10 DMS B) 18 / 20	(Car A 4, Car B 6, Car C 6) 28 / 46 / 44	(5 DMSL + 7 DMS) 20 / 32	24	(6 DMSL A + 4 DMSL B) 26 / 40	(6 DMSL A, 8 MSL, 4 DMSL B) 26 / 28 / 40	(DMS 4, TSL 2, DMS 4)	(10 DMCL, 9 DMSL) 18 / 23	(7 DMCL, 8 MSL, 8 DMSL) 24 / 26 / 34	(Car A 4, Car B 6) 28 / 44	(Car A 4, Car B 6, Car C 6) 28 / 46 / 44	(Car A 4, Car B 6, Car C 6) 28 / 46 / 44	(Car A 4, Car B 6, Car 28 / 46 / 44	
Type of heating and ventilation fitted (air conditioning, pressure ventilation and body side heater, etc.)		N/A	N/A	Vapor-stone original system	HVAC system	Warm air, hot water radiators	. Warm air, hot water radiators. No air-con in cab. No ir-con in saloon.	Soprano cab and saloon air conditioning modules	Soprano cab and saloon air conditioning modules	CAB and Saloon air conditioning	Air conditioning (Saloon and cab (210-273) independent	Air conditioning (Saloon and cab (210-273) independent systems). Both AIT (now KBRS)	HVAC system	HVAC system	HVAC system	HVAC system	
64 Floor covering (i.e. lino, carpet, etc.)	1	N/A	N/A	Carpet	Carpet	Polyflor Floor Covering	Carpet	Carpet	Carpet	Polyflor Floor Covering	Carpet	Carpet	Carpet	Carpet	Carpet	Carpet	
65 Door control system fitted		N/A	N/A	Guard control panel	Guard control panel/ Driver	Guard control panel	Guard control panel	Guard control panel	Guard control panel	Guard control panel	Guard control panel	Guard control panel	Guard control panel/ Driver	Guard control panel/ Driver	Guard control panel/ Driver control	Guard control panel/ Driver	
66 GPS system fitted		N/A	N/A	KA fitting [REDACTED] fault finding system	TI &M compliant GPS		KA fitting [REDACTED] fault			TL&M compliant GPS		KA fitting [REDACTED] fault	control TL&M compliant GPS	control TL&M compliant GPS	TL&M compliant GPS	TL&M compliant GP	

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Table 2B - Rolling Stock Minimum Requirements and Specifications - Sprinter / Rural Service Tv

Service Type: Sprinter/Rural Class	Min Req applies	Minim	num Requirement Introduction Date*	*Where applicable, rolling stock is exempt from the early Minimum Requirement Introduction Date if it can be demonstrated that it will be replaced by new build rolling stock														
		If Not Exempt	If Exempt		Chu TRA CAT Ci in O		1	1	T	_	_	Т	Class TBA CAF Civity (2	Tai	T	T		
			ii Exempt	Class 158/0	Class TBA CAF Civity (3 car - standard class only)	Class 150/2	Class 153	Class 175/0	Class 175/1	Class 230	Class 170/2	Class 170/2	car)	Class TBA CAF Civity (3 car - First class ready)	Class TBA CAF Civity (3 car - First class fitted)	Class TBA CAF Civity (3 car - Decommissioned First class)		
68 Refurbishment I - Start Date				14/10/2018	N/A	14/10/2018	01/06/2019	14/10/2018	14/10/2018	N/A	01/10/2019	01/10/2019	N/A	14/10/2024	N/A	14/10/2024		
69 Refurbishment I - End Date				07/10/2019	N/A	19/10/2019	28/10/2019	31/12/2019	31/12/2019	N/A	01/02/2020	01/02/2020	N/A	14/12/2024	N/A	14/12/2024		
70 Refurbishment I - Scope				PRM + Train wrap to rebrand, internal refurbishment, including seat cover replacement, grab pole repainting and floor covering replacement to match TfW branding.	N/A	PRM + Train wrap to rebrand, internal refurbishment, including seat cover replacement, grab pole repainting and floor covering replacement to match TfW branding. CCTV+Pax counting	PRM + Train wrap to rebrand, internal refurbishment, including seat cover replacement, grab pole recoating, carpets/flooring renewal and seat power at bay locations	refurbishment, including seat cover replacement, grab pole repainting and floor covering replacement, vinyls on toilet	Train wrap to rebrand, internal refurbishment, including seat cover replacement, grab pole repainting and floor covering replacement, vinyls on toilet walls to match TfW branding.	N/A	Rebranding, at seat power, passenger counting system installation	Rebranding, at seat power, passenger counting system installation	N/A	Fitment of 16 first class seats (replacing 28 standard seats) to turn these units into "Class TBA CAF Civity (3 car - First class fitted)"	N/A	First class commissioning to turn these units into "Class TBA CAF Civity (3 car First class fitted)"		
71 Refurbishment 2 - Start Date				14/10/2018	N/A	N/A	N/A	14/10/2018	14/10/2018	N/A	01/01/2027	01/01/2027	N/A	N/A	N/A	N/A		
72 Refurbishment 2 - End Date				07/10/2019	N/A	N/A	N/A	31/12/2019	31/12/2019	N/A	31/12/2017	31/12/2017	N/A	N/A	N/A	N/A		
73 Refurbishment 2 - Scope				Refurbishment of HVAC system to provide fully functioning air conditioning	N/A	N/A	N/A	Installation of at seat power	Installation of at seat power	N/A	Full interior and Passenger equipment midlife refurbishment	Full interior and Passenger equipment midlife refurbishment	N/A	N/A	N/A	N/A		
74 Passenger Assist Bluetooth Beacon fitted by 2020				Yes	By vehicle introduction date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date		
75 [REDACTED] PIS fitted				No	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes		
76 3-pin and USB power sockets at every seat				USB sockets to be fitted at all airline seats in addition to 3 pin sockets at bay seats	Yes	3-pin and USB sockets to be fitted at every seat	3-pin to be fitted at bay seats	3-pin and USB sockets to be fitted at every seat	3-pin and USB sockets to be fitted at every seat	3-pin to be fitted at bay seats with USB sockets at all other seats	Yes	Yes	Yes	Yes	Yes	Yes		
77 End gangways fitted				Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes		
78 On-Train Data Recorder (OTDR) data harvester				To be fitted	N/A	To be fitted	To be fitted	To be fitted	To be fitted	To be fitted	To be fitted	To be fitted	N/A	N/A	N/A	N/A		
79 Wheel Slip/ Slide Protection (WSP) system fitted				Yes	Yes	To be fitted	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
80 On Board Energy Storage (OBES) fitted				No	No	No	No	No	No	Yes, to improve train acceleration	No	No	No	No	No	No		
Twin Cat 7 ethernet backbones to enable gigabit transmission fitted				No	By vehicle introduction date	No	No	No	No	No	No	No	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date		
Driver Advisory System (DAS) to be fitted if not already installed				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
83 Selective Door Opening (SDO) fitted				No	By vehicle introduction date	No	No	No	No	No	No	No	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date	By vehicle introduction date		
84 ETCS fitted				Yes	To be fitted to 21 CAF Civity units by vehicle introduction date	No	No	No	No	No	No	No	To be fitted to 21 CAF Civity units by vehicle introduction date	To be fitted to 21 CAF Civity units by vehicle introduction date	To be fitted to 21 CAF Civity units by vehicle introduction date	To be fitted to 21 CAF Civity units by vehicle introduction date		

WORK\31569215\v.1 Classification: Confidential