

	A	B	C	D	E	F	G	H	I	J	K	L	M	AB	AC	AD	AE	AF	AG		
	Accessibility Standards										Operator - Arriva Trains Wales		DfT expectations of compliance by 1 Jan 2020		Anglo Trains Fleets Compliance will be achieved?			Dispensation Requirements			
	Regulation	Requirements	Class No.	Requirements	Compliant	Compliant	Comments														
13																					
14																					
15	8(2)	Priority seats may be required for use of a regulated rail vehicle or listed where the regulated rail vehicle is used for carriage.	4.2.2.2.2.1 para 5	Priority seats shall not be up-rip seats.	Y	Y	For suggested positions						Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
62	8(3)	Each priority seat and the space available to its user shall comply with the specifications shown in diagram B1 and in diagram B2, B3 or B4 in the Schedule.	4.2.2.2.2.1 para 6	Each priority seat and the space available to its user shall comply with the specifications shown in the figures 1 to 4.	N	N	Seat height, width & headroom all compliant. Gap between facing seats proposed, range from 600 to 594 to 560 (to be improved)						Compliance expected	Yes	Yes	Yes			No modification required.	No	
63	8(4)	Any armrest fitted to a priority seat shall be movable to the extent required to permit unrestricted access by a disabled person to that seat or any other priority seat to which access may be gained past that seat.	4.2.2.2.2.1 para 4	When seats are fitted with armrests, priority seats shall be fitted with movable armrests, the movable armrests placed along the vehicle body-side. The movable armrest shall move into a position in line with the seat back cushion to enable unrestricted access to the seat or any adjacent priority seats.	Y	Y							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
64	8(6)	If tables or trays (whether fixed or folding) are fitted for the use of passengers at not less than 10% of the seats (other than priority seats) in a regulated rail vehicle a similar table or tray shall be fitted for the use of persons in each priority seat.	N/A	No equivalent requirement	Y	Y							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
65	8(6)	There shall be a sign on or near to a priority seat indicating that disabled persons have priority for the use of that seat.	4.2.2.2.2.1 para 2	The priority seats and vehicles containing them shall be identified by signs complying with Annex A Clauses 1.3 and 1.8 and shall state that other passengers should make such seats available to those who are	N	N	No signs fitted						Compliance expected	Yes	Yes	Yes			Compliant diagram to be fitted.	No	
67	Tramcar Request-stop Controls - Reg 9 - N/A																				
68	Interior Transparent Surfaces																				
69	10(1)	Subject to paragraph (2) any transparent surface in the interior of a regulated rail vehicle shall:																			
70	10(1)(a)	(a) be separated from an area in which a disabled person can walk, or go in a wheelchair, by a seat, table or other fitting; or	N/A	No equivalent requirement	N/A	N/A							N/A								
71	10(1)(b)	(b) bear a coloured marking which shall be not less than 140mm and not more than 150mm high and extend horizontally across the whole width of the panel at a height of 1500mm measured	N/A	No equivalent requirement	N/A	N/A							N/A								
72	10(1)(c)	(c) be bounded on any side which is not attached to the floor, wall or ceiling of the vehicle by a handrail which shall comply with Regulation 11(2).	N/A	No equivalent requirement	Y	N/A							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
73	10(2)	Where such a surface is a door it shall comply with paragraph (1)(b).	4.2.2.4.3.1 para 8	If more than 75% of a door's surface is made of a transparent material, it shall be marked with a minimum of two prominent bands made of signs, logos, emblems or decorative features. They shall be at a height between 1500mm and 2000mm for the upper band, and between 850mm and 1000mm for the lower band, contrasting with the background over the entire width of the door. These bands shall be a minimum of 100mm high.	N	Y	Window in vehicle end door less than 75% of area						Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
74	Handrails and Handholds																				
75	11(1)	A handrail shall be fitted in the following positions:																			
76	11(1)(a)	(a) in every regulated rail vehicle as close as practicable on either side of the interior of an external doorway extending vertically from a point not more than 700mm above the floor to a point not less than 1200mm above the floor; and	4.2.2.10 para 4	A vertical handrail shall also be provided for sleeping on and off the train. Doorways with up to two entrance steps shall be provided with vertical handrails on both sides of the doorway, fitted internally as close as practicable to the vehicle outer wall. They shall extend from 700mm to 1200mm above the threshold of the first step.	N	N	Handrail fitted in doorway but low (600 - 1035mm)						Non-compliance accepted	No	No	No			New compliant handrails to be fitted as part of PRM modifications, with the exception of locations where there is an existing equipment cupboard or internal body-side door controls. In the case of the latter, the handrail arrangement has been revised to obtain a maximum height usable height of 1,100 mm (approx.) which is the maximum achievable without relocation of the door control panel.	Yes	Dispensation sought for non-compliance of the handrails adjacent to the internal body-side door controls.
77	11(1)(b)	(b) in a tramcar at intervals of not more than 1000mm in the longitudinal plane of the vehicle.	N/A	No equivalent requirement.	N/A	N/A	Not a tramcar						N/A								
78	11(2)	Any handrail in a regulated rail vehicle shall comply with the following requirements:																			
79	11(2)(a)	(a) a handrail shall have a circular cross section with a diameter of not less than 30mm and not more than 40mm;	4.2.2.10 para 1	All handrails fitted to a vehicle shall be round in section with an outside diameter of 30mm to 40mm	Y/N	Y/N	All internal handrails compliant. External handrails for crew at cab ends may be used by passengers - not compliant						Non-compliance accepted	Yes	Yes	Yes			New compliant handrails to be fitted as part of PRM modifications	No	
80	11(2)(b)	(b) if a handrail is curved, the radius of the surface of the handrail inside the curve shall not be less than 50mm;	4.2.2.10 para 1	If a handrail is curved, the radius of the inside face of the curve shall be a minimum of 50mm.	Y	N/A	Handrails curved to large radii						Compliance already achieved	Yes	Yes	Yes			New compliant handrails to be fitted as part of PRM modifications	No	
81	11(2)(c)	(c) there shall be a clear space of not less than 45mm between any part of the regulated rail vehicle and all parts of the handrail other than its mountings;	4.2.2.10 para 1	All handrails fitted to a vehicle shall have a minimum clear distance of 45mm to any adjacent surface.	Y	Y	45mm clearance provided						Compliance already achieved	Yes	Yes	Yes			New compliant handrails to be fitted as part of PRM modifications	No	
82	11(2)(d)	(d) a handrail shall have a slip-resistant surface;	N/A	No equivalent requirement.	Y	N/A	Handrails powder coated						Compliance already achieved	Yes	Yes	Yes			New compliant handrails to be fitted as part of PRM modifications	No	
83	11(2)(e)	(e) a handrail shall contrast with the parts of the regulated rail vehicle adjacent to that handrail.	4.2.2.10 para 2	All handrails shall contrast with their background.	Y	Y							Compliance already achieved	Yes	Yes	Yes			New compliant handrails to be fitted as part of PRM modifications	No	
84	11(3)	Subject to paragraph (4) a handhold shall be fitted to the top of the back of each seat which faces towards an end of a regulated rail vehicle and which is next to a gangway in a passenger saloon and shall comply with the following requirements:	4.2.2.2.1 para 1	Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on seat backs of all aisle-side seats unless the seat backs touch the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition.	Y	Y							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
85	11(3)(a)	(a) the surface of a handhold (excluding the mountings to the seat) shall be rounded;	4.2.2.2.1 para 4	The handholds or other items shall not have sharp edges.	Y	Y							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
86	11(3)(b)	(b) a handhold shall contrast with the seat to which the handhold is attached;	4.2.2.2.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat.	Y	Y							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
87	11(3)(c)	(c) a handhold shall have a slip-resistant surface;	N/A	No equivalent requirement.	Y	N/A							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
88	11(3)(d)	(d) there shall be no gap less than 150mm wide measured in any direction in a handhold or between a handhold and the seat to which it is attached.	N/A	No equivalent requirement.	Y	N/A							Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
89	11(4)	Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches the back of another seat which faces in the opposite direction and is fitted with a handhold or to a seat to which a handrail is attached.	4.2.2.2.1 para 1	Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on seat backs of all aisle-side seats unless the seat backs touch the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition.	N/A	N	1233mm to top of handhold						Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
90	N/A	No equivalent requirement	4.2.2.2.1 para 2	Handholds or other items that can be used for personal stability shall be positioned at a height of between 800 mm and 1200 mm above the floor, shall not protrude into the clearway and shall contrast with the seat.	N/A	N/A							Non-compliance accepted	No	No	No			Existing arrangement has been passed as acceptable by DfT.	Yes	Dispensation sought for non-compliance.
91	N/A	No equivalent requirement	4.2.2.2.1 para 4	In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000mm apart, shall be positioned at a height of between 800 mm and 1200mm above the floor.	N/A	N/A							N/A								
92	Door Handles																				
93	12	A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 Newtons.	4.2.2.4.1 para 1	To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the hand exerting a force not exceeding 20 Newtons.	?	?	Not tested - lever handles to replace finger grip handles where needed						Compliance expected	Yes	Yes	Yes			New compliant handle to be fitted which is the same as that fitted to Class 455 & 456 vehicles during PRM modifications.	No	
94	N/A	No equivalent requirement	4.2.2.4.3.1 para 5	The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only).	N/A	Y	Veh end door 965mm, 1200mm to toilet						Compliance already achieved	Yes	Yes	Yes			Compliance maintained as the new handle is installed as a direct replacement.	No	
95	Passenger Information																				
96	13(1)	A regulated rail vehicle shall be fitted with public address systems for audible and visual announcements inside the passenger saloon and for visual announcements on the exterior of the vehicle.	4.2.2.8.3 para 13	The train shall be fitted with a public address system which shall be used either for routine or emergency announcements by the driver or by another crewmember who has specific responsibility for passengers.	N	Y	Audible PA fitted, but not audio-visual PIS						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
97	13(2)	The system for visual announcements on the exterior of the vehicle shall be fitted, if the vehicle is not hauled by a locomotive:	4.2.2.8.3 para 1	The final destination or route shall be displayed outside of the train on the platform side adjacent to at least one of the passenger access doors on a minimum of alternate vehicles of the train.	Y	N	No bodyside displays fitted						Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
98	13(2)(a)	(a) on the front of a single vehicle;	4.2.2.8.3 para 1	The final destination or route shall be displayed outside of the train on the platform side adjacent to at least one of the passenger access doors on a minimum of alternate vehicles of the train.	N/A	N	No bodyside displays fitted						Compliance already achieved	Yes	Yes	Yes			No modification required.	No	
99	13(2)(b)	(b) where two or more vehicles are coupled together, on the front of the leading vehicle;	4.2.2.8.3 para 1	The final destination or route shall be displayed outside of the train on the platform side adjacent to at least one of the passenger access doors on a minimum of alternate vehicles of the train.	Y	N	No bodyside displays fitted						Compliance already achieved	No	No	No			No bodyside displays fitted	No	Dispensation sought for non-compliance.
100	13(2)(c)	(c) where two or more vehicles are coupled together, on each side of each vehicle, unless such a system is fitted to the front of the leading vehicle;	4.2.2.8.3 para 1	The final destination or route shall be displayed outside of the train on the platform side adjacent to at least one of the passenger access doors on a minimum of alternate vehicles of the train.	N/A?	N	No bodyside displays fitted						Non-compliance accepted	No	No	No			No bodyside displays fitted	No	Dispensation sought for non-compliance.
101	13(3)	The system for visual announcements on the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to each side of each vehicle, unless such a system is fitted to the front of the leading vehicle.	4.2.2.8.3 para 1	The final destination or route shall be displayed outside of the train on the platform side adjacent to at least one of the passenger access doors on a minimum of alternate vehicles of the train.	N/A	N/A	Not loco hauled						N/A						No modification required.	No	
102	13(4)	Where the vehicle is stationary at a station or a train stop, the systems inside the passenger saloon and on the exterior of the vehicle shall be used to announce the destination of the vehicle, or if the vehicle is following a circular route, the name or number of the route, and, in the case of systems inside the passenger saloon only, to announce the next stop.	4.2.2.8.1 para 7	It shall be possible to give information (both audible and visual) in more than one language. (The choice and number of languages shall be the responsibility of the Railway Undertaking having regard to the clientele of an individual train service.) The following information shall be provided: - Information concerning the route of the train	N	N	No internal visual PIS fitted						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
103	13(5)	Subject to paragraph (6) the systems inside the passenger saloon shall be used:	4.2.2.8.3 paras 3 & 14	The final destination or route of the train shall be displayed inside each vehicle. The system shall be used to announce the destination and next stop of the train.																	
104	13(5)(a)	(a) to announce the next station, or train stop, at which the vehicle will be stopping, not less than ten minutes before the vehicle is scheduled to stop at that station or train stop;	4.2.2.8.3 para 4 & 16	The next stop of the train shall be displayed such that it can be read from a minimum of 51% of passenger seats inside each vehicle. This information shall be displayed at least two minutes before arrival at the station concerned. If the next station is less than two minutes planned journey time away, the next station shall be displayed immediately following departure from the previous station.	N	N	Audible PA fitted, but not audio-visual PIS						Compliance expected	Yes	Yes	Yes			New visual/audio information system (Train FX) to be installed.	No	
105	13(5)(b)	(b) to announce any delay exceeding ten minutes to the scheduled timing for that journey;	N/A	No equivalent requirement.	N	N/A	Relies on Driver using PA system						Compliance expected	Yes	Yes	Yes			New visual/audio information system (Train FX) to be installed.	No	
106	13(5)(c)	(c) to announce any diversions from the route shown in the published timetable for that journey; and	N/A	No equivalent requirement.	N	N/A	Relies on Driver using PA system						Compliance expected	Yes	Yes	Yes			New visual/audio information system (Train FX) to be installed.	No	
107	13(5)(d)	(d) to make emergency announcements.	4.2.2.8.1 para 7	It shall be possible to give information (both audible and visual) in more than one language. (The choice and number of languages shall be the responsibility of the Railway Undertaking having regard to the clientele of an individual train service.) It shall be possible to give the following information: - Safety Information and Safety Instructions in accordance with European or National Rules - Audible safety instructions in case of emergency - Warning, prohibition and mandatory actions signs in accordance with European or National Rules. - Information concerning the route of the train - Information concerning the location of on-board facilities	N	Y	Relies on Driver using PA system. ATW staff may give bi-lingual announcements						Compliance expected	Yes	Yes	Yes			New visual/audio information system (Train FX) to be installed.	No	
108	13(6)	Paragraph (5)(a) does not apply if the timetable journey time between stations or train stops is less than two minutes.	4.2.2.8.3 para 4 & 16	The next stop of the train shall be displayed such that it can be read from a minimum of 51% of passenger seats inside each vehicle. This information shall be displayed at least two minutes before arrival at the station concerned. If the next station is less than two minutes planned journey time away, the next station shall be displayed immediately following departure from the previous station.	Noted	N							Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
109	13(7)	The first letter of, and numbers used in, announcements on visual systems shall be not less than 70 millimetres high on systems on the front of the vehicle and not less than 30 millimetres high on other systems, and all letters and numbers shall contrast with their background.	4.2.2.8.1 para 4, 4.2.2.8.4 paras 2 - 4	The (audible public address) system shall be used to announce the next stop of the train at least two minutes before the arrival of the train at that stop, if the next station is less than two minutes planned journey time away. Visual information shall contrast with its background. Upper Case Letters and numbers used in front external displays shall have a minimum height of 70mm and on side displays 50mm on bodyside and internal indicators. Inside signs the font size shall be not less than 30mm for a reading.	Y/N	Y/N	Internal visual PIS not fitted. External PIS generally 60mm high						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
110	13(8)	A word on a visual system shall not be written in capital letters only.	N/A	No equivalent requirement.	N	N/A							Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
111	13(9)	Visual announcements inside the passenger saloon shall be visible from the majority of passenger seats (including priority seats) in that saloon.	4.2.2.8.3 para 4, 1st sentence	The next stop of the train shall be displayed such that it can be read from a minimum of 51% of passenger seats inside each vehicle.	N	N							Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed. Internal displays to be positioned to ensure that it is visible by the majority of passengers.	No	
112	N/A	No equivalent requirement	4.2.2.8.1 para 1	All information shall be of a consistent nature and in accordance with European or National Rules.	N/A	Noted	Depends on corporate compliance between train and stations and rules						N/A								
113	N/A	No equivalent requirement	4.2.2.8.1 para 2	All information shall be coherent with the general routing and information system especially colour and contrast in trains, platforms and entrances.	N/A	Noted	Depends on corporate compliance between train and						N/A								
114	N/A	No equivalent requirement	4.2.2.8.1 para 3	Visual information shall be legible in all lighting conditions when the vehicle or station is operational.	N	N	No internal visual PIS fitted						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
115	N/A	No equivalent requirement	4.2.2.8.1 para 5	Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters.	N/A	N	No internal visual PIS fitted						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
116	N/A	No equivalent requirement	4.2.2.8.1 para 6	Compressed descenders and ascenders shall not be used.	N/A	Y/N	No internal visual PIS fitted. External roller blind uses true text						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
117	N/A	No equivalent requirement	4.2.2.8.1 para 7	It shall be possible to give information (both audible and visual) in more than one language. (The choice and number of languages shall be the responsibility of the Railway Undertaking having regard to the clientele of an individual train service.) It shall be possible to give the following information: - Safety Information and Safety Instructions in accordance with European or National Rules - Audible safety instructions in case of emergency - Warning, prohibition and mandatory actions signs in accordance with European or National Rules. - Information concerning the route of the train - Information concerning the location of on-board facilities	N	N	No internal visual PIS fitted						Compliance expected	Yes	Yes	Yes			New visual information system (Train FX) to be installed.	No	
118	N/A	No equivalent requirement	4.2.2.8.2.1 para 1	All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISO 3864-1.	N/A	N	DfT accept non-compliance can remain, provided ORRH/MRI happy. No need to fit green TSI signs						Non-compliance accepted	Yes	Yes	Yes			All labels have fewer than five pictograms.	Yes	Dispensation sought for non-compliance.
119	N/A	No equivalent requirement	4.2.2.8.2.1 para 2	There shall be no more than five pictograms, together with a directional arrow, indicating a single direction placed adjacent to each other at a single location.	N/A	?							Non-compliance accepted	Yes	Yes	Yes				No	

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	Accessibility Standards													Anglo Trains Fleets			Dispensation Requirements			
	RVAR			PRM TSI			Operator - Arriva Trains Wales			DfT expectations of compliance by 1 Jan 2020			Compliance will be achieved?							
	Regulation	Requirement(s)	Class No.	Requirement(s)	Compliant	Compliant	Comments	Compliance	Compliance	Comments	Compliance	Compliance	Compliance	Yes	Yes	Yes	Yes	Yes	Yes	
13	N/A	No equivalent requirement	4.2.2.8.2.1 para 3	Toilets, for functional information and emergency call if appropriate - Toilets, for functional information and emergency call if appropriate - Toilets, for door operation button and emergency call - Where indicator lights are used these shall be indicated by a sign complying with Annex N Clauses N.3 and N.5.	N/A	N		N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Tactile labels to be installed to achieve compliance	No
120	N/A	No equivalent requirement	4.2.2.8.2.2 para 1	Where the facility is provided, a graphic symbol shall indicate a storage space for heavy luggage and bulky goods.	N/A	N/A	Noted	N/A	N/A		N/A	N/A	N/A							
121	N/A	No equivalent requirement	4.2.2.8.2.2 para 2	If there is a call for assistance or call for information facility, this shall be indicated by a sign complying with Annex N Clauses N.3 and N.6. and shall have: - A visual and audible indication that the device has been operated; - Additional operating information if necessary.	N/A	N	No call for aid system fitted.	N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Train FX Call for Assistance device to be installed.	No
122	N/A	No equivalent requirement	4.2.2.8.2.2 para 3	If there is an Emergency call device it shall comply with Annex N Clauses N.3 and N.7. And shall have: - Visual and tactile symbols; - A visual and audible indication that the device has been operated; - Additional operating information if necessary.	N/A	N		N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Train FX Call for Assistance device to be installed.	No
123	N/A	No equivalent requirement	4.2.2.8.2.2 para 4	Where trains operate in a system, in which dynamic visual information is given on the station platforms within a distance of 50 meters, and destination or route information is also provided on the front of the train, it is not mandatory to provide information on the sides of each vehicle.	N/A	N/A		N/A	N/A		N/A	N/A	N/A							
124	N/A	No equivalent requirement	4.2.2.8.3 para 5	The requirement to make the destination and 'next stop' displays visible to 5% of passenger seats need not be met if the train is partly or wholly divided into compartments of not more than 8 seats, which are serviced by a conductor. However, a display shall be visible to a person standing in a corridor outside a compartment and shall be visible to a passenger occupying a wheelchair space.	N/A	N/A		N/A	N/A		N/A	N/A	N/A							
126	N/A	No equivalent requirement	4.2.2.8.3 para 6	Details of the Route or Network on which the train operates shall be available (the Railway Undertaking shall decide the manner in which this information is provided).	N/A	N/A		N/A	N/A		N/A	N/A	N/A							
127	N/A	No equivalent requirement	4.2.2.8.3 para 7	The information about the next stop may be shown on the same display as the final destination. However, it shall be shown on the final destination as soon as the train has stopped.	N/A	N	No visual PIS fitted	N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	New visual information system (Train FX) to be installed.	No
128	N/A	No equivalent requirement	4.2.2.8.3 para 8	The (visual passenger information) system shall be capable of giving announcements in more than one language. (The choice and number of languages shall be the responsibility of the Railway Undertaking having regard to the clientele of an individual train service.)	N/A	N	No visual PIS fitted	N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	New visual information system (Train FX) to be installed.	No
129	N/A	No equivalent requirement	4.2.2.8.3 para 9	If the (visual passenger information) system is automated, it shall be possible to suppress, or correct, incorrect or misleading information.	N/A	N	No visual PIS fitted	N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	New visual information system (Train FX) to be installed.	No
130	N/A	No equivalent requirement	4.2.2.8.3 para 10	If the vehicle provides reserved seats then the number or letter of the vehicle (as used in the reservation system) shall be displayed on or adjacent to every door in characters not less than 10mm high.	N/A	N/A	No reserved seats	N/A	N/A		N/A	N/A	N/A							
131	N/A	No equivalent requirement	4.2.2.8.3 para 11	If seats are identified by numbers or letters, the number or letter of the seat shall be displayed on or adjacent to every seat in characters not less than 12 mm high. Such numbers and letters shall contrast with their background.	N/A	N/A	No seat numbers	N/A	N/A		N/A	N/A	N/A							
132	N/A	No equivalent requirement	4.2.2.8.3 para 13	The (audible public address) system may operate on a manual, an automated or pre-programmed basis. If the system is automated, it shall be possible to suppress, or correct, incorrect or misleading information.	N/A	Y	Driver can modify by giving PA announcement	N/A	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	New visual/audio information system (Train FX) to be installed.	No
133	N/A	No equivalent requirement	4.2.2.8.3 para 16	The spoken information shall have a minimum RASTI level of 0.3, in accordance with EC 60268-16 part 16, in all areas. The ULS shall meet the requirement of each seat location and wheelchair space.	N/A	?	PIS Rasti level to be checked	N/A	?		Non-compliance accepted	Non-compliance accepted	Non-compliance accepted	No	No	No	No	No	Dispensation sought for non-compliance.	Yes
134	N/A	No equivalent requirement	4.2.2.8.3 para 17	The (audible public address) system shall be capable of giving announcements in more than one language. (The choice and number of languages shall be the responsibility of the Railway Undertaking having regard to the clientele of an individual train service.)	N/A	Y	Relies on Driver using PA system. ATW staff may make bi-lingual announcements	N/A	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	New visual/audio information system (Train FX) to be installed.	No
135	N/A	No equivalent requirement	4.2.2.8.3 para 18	If the (audible public address) system is automated, it shall be possible to suppress, or correct, incorrect or misleading information.	N/A	N/A	Compliance necessary once fitted	N/A	N/A		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	New visual/audio information system (Train FX) to be installed.	No
136	N/A	No equivalent requirement	4.2.2.8.4 para 1	Each station name (which may be abbreviated), or words of messages, shall be displayed for a minimum of 2 seconds. If a scrolling display is used (either horizontal or vertical), each complete word shall be displayed for a minimum of 2 seconds and the horizontal scrolling speed shall not exceed 6 characters per second. Sans Serif fonts, in mixed case, shall be used for all written information, (i.e. not in capital letters only).	N/A	N	No internal visual PIS fitted	N/A	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	New visual/audio information system (Train FX) to be installed.	No
137																				
138																				
139	14	If a toilet is fitted in a regulated rail vehicle that vehicle shall comply with the following requirements:					No toilet fitted						N/A							
140	14(a)	(a) the centre of any door control device on the exterior or the interior of the toilet cubicle shall be not less than 800 millimetres and not more than 1,200 millimetres vertically above the floor;	4.2.2.6.2 para 3	The centre of any door handle, lock or door control device on the exterior or interior of the toilet cubicle shall be located at a minimum of 800mm and a maximum of 1200mm above the floor.	Y	Y		Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
141	14(b)	(b) any door control device, or other equipment inside the toilet cubicle shall be operable by the exertion of a force of not more than 15 Newtons;	4.2.2.6.2 para 5	Any control device, including flushing system, shall be provided in a contrasting colour and/or tone to the background surface, and shall be identifiable by touch.	N	N	Flush handle contrasts, lock and door handle do not. Waste control button on floor does not contrast	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
142	14(c)	(c) the seat and any lid on the toilet and any handholds in the toilet cubicle shall be coloured to contrast with the adjacent parts of the toilet cubicle;	4.2.2.6.2 para 10	The toilet seat and lid, and any handrails shall be in a contrasting colour and/or tone to the background.	N	N		N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
143	14(d)	(d) the immediate surround of a control device in a toilet cubicle shall be coloured to contrast with that control device and with the part of the toilet cubicle on which it is mounted;	4.2.2.6.2 paras 6 & 7	Any control device, including flushing system, shall be provided in a contrasting colour and/or tone to the background surface, and shall be identifiable by touch. Clear, precise information for the operation of any control device shall be provided, making use of pictograms and shall be tactile.	N	N	Flush handle contrasts, lock and door handle do not. Waste control button on floor does not contrast	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
144	14(e)	(e) a control device inside a toilet cubicle shall be so constructed as to be identifiable by touch.	4.2.2.6.2 paras 6 & 7	Any control device, including flushing system, shall be provided in a contrasting colour and/or tone to the background surface, and shall be identifiable by touch. Clear, precise information for the operation of any control device shall be provided, making use of pictograms and shall be tactile.	N	N	Lock, water and soap not identifiable by touch	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
145	N/A	No equivalent requirement	4.2.2.6.2 para 2	The minimum door useable width shall be 500mm	N/A	N	400mm clearway on existing toilet	N/A	N		Non-compliance accepted	Non-compliance accepted	Non-compliance accepted	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
146	N/A	No equivalent requirement	4.2.2.6.2 para 8	A fixed vertical and/or horizontal handrail shall be provided adjacent to the toilet pan and the wash basin.	N/A	Y/N	Horizontal handrail opposite toilet	N/A	Y/N		Non-compliance accepted	Non-compliance accepted	Non-compliance accepted	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No
147																				
148	15(1)	Subject to paragraphs (2) and (3) below a regulated rail vehicle which does not form part of a train shall contain not less than one wheelchair space.	4.2.2.3 para 1	See below.	N/A	N/A		N/A	N/A		N/A	N/A	N/A							
149	15(2)	A tramcar with accommodation for 100 or more persons shall contain not less than two wheelchair spaces.			N/A	N/A		N/A	N/A		N/A	N/A	N/A							
150	15(3)	Subject to paragraph (4) where a train consists of a number of regulated rail vehicles shown in column A, there shall be in that train not less than the number of wheelchair spaces shown in column B opposite that number of vehicle:	4.2.2.3 para 1	According to the length of the train, excluding the locomotive or power head, there shall be in that train not less than the number of wheelchair spaces shown in the following table: Train length Less than 200 m 200 - 300 m More than 300 m Number of wheelchair spaces by train 2 wheelchair spaces 2 wheelchair spaces 4 wheelchair spaces	Y	Y		Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	The revised interior layout provide two compliant wheelchair spaces in the DMS(A) vehicle.	No
151	15(4)	Where one or more regulated rail vehicles in a train are provided for a different class of passenger accommodation from another regulated rail vehicle in that train, there shall be not less than one wheelchair space in each class of passenger accommodation in that train.	N/A		N/A	N/A		N/A	N/A		N/A	N/A	N/A							
152																				
153	16(1)(a)	(a) the space shall be not less than 1300mm long measured in the interior of the regulated rail vehicle and not less than 700mm wide measured in the transverse plane of that vehicle;	4.2.2.3 paras 2, 6, 7 & 8	To ensure stability, the wheelchair space shall be designed for the wheelchair to be positioned either facing or back to the direction of travel. The minimum distance in the longitudinal plane between the wheelchair space and a front surface 2 shall be in accordance with figure 5. Surface 1 may be a closed lip-up or foldable seat, or a partition.	Y	Y		Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	The revised interior layout provides two compliant wheelchair spaces in the DMS(A) vehicle.	No
154	16(1)(b)	(b) subject to regulation 18 there shall be no obstruction of the space between the floor and the ceiling of the regulated rail vehicle, other than an overhead luggage rack or an operable window (if fitted);	4.2.2.3 para 5	There shall be no obstruction of the designated space between the floor and the ceiling of the vehicle other than an overhead luggage rack, a horizontal handrail attached to the wall or ceiling of the vehicle or a table in accordance with the requirements of clause 4.2.2.10.	Y	Y		Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	The revised interior layout provides two compliant wheelchair spaces in the DMS(A) vehicle.	No
155	16(1)(c)	(c) at one end of the space there shall be a structure or fitting which shall have a minimum width of 700mm and shall be capable of preventing a reference wheelchair, which has been positioned with its back against the structure or fitting, from moving or tipping towards the structure or fitting, whether or not that movement or tip includes a sideways movement or tip;	4.2.2.3 para 10	There shall be a structure or other acceptable fitting 700mm wide (as shown in figure 6) at one end of the wheelchair space. The height of the structure, or fitting, shall be capable of preventing a wheelchair that has been positioned with its back against the structure or fitting, from tipping over backwards.	N	N	One support structure only 685mm wide.	N	N		Non-compliance accepted	Non-compliance accepted	Non-compliance accepted	Yes	Yes	Yes	Yes	Yes	The revised interior layout provides a partition at one end of the each wheelchair space.	No
156	16(1)(d)	(d) no magazine rack or other fitting for the use of other passengers shall be accessible through the space, other than an overhead luggage rack or an operable window (if fitted);	N/A	No equivalent requirement.	Y	N/A	Part of design of wheelchair spaces	Y	N/A		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	The revised interior layout provides two compliant wheelchair spaces in the DMS(A) vehicle.	No
157	16(1)(e)	(e) the space shall be fitted with a device which shall:																		
158	(i)	enable a disabled person in a wheelchair to communicate with a person who is in a position to take appropriate action in an emergency;	4.2.2.3 para 12, 1st sentence	The wheelchair space shall be fitted with an alarm device that shall, in the event of danger, enable a wheelchair user to inform a person who can take appropriate action.	N	N	No call for aid fitted	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Each wheelchair space is equipped with a Train FX call for aid device which provides easy access and required a force less than 30 N to operate.	No
159	(ii)	be placed within reach of a person in a reference wheelchair;	4.2.2.3 para 12, 2nd sentence	It shall be placed within reach of a person seated in a reference wheelchair.	N	N	No call for aid fitted	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Each wheelchair space is equipped with a Train FX call for aid device which provides easy access and required a force less than 30 N to operate.	No
160	(iii)	be operable by the palm of a person's hand; and	4.2.2.3 para 14	The alarm device shall not be placed within a narrow recess or any other form of shielding which prevents immediate palm operation.	N	N	No call for aid fitted	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Each wheelchair space is equipped with a Train FX call for aid device which provides easy access and required a force less than 30 N to operate.	No
161	(iv)	not require a force greater than 30 Newtons for operation.	5.4.2	The alarm devices shall be operable by the palm of a person's hand and shall not require a force exceeding 30N to operate.	N	N	No call for aid fitted	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Each wheelchair space is equipped with a Train FX call for aid device which provides easy access and required a force less than 30 N to operate.	No
162	N/A	No equivalent requirement	4.2.2.3 para 13	When the alarm device has been activated a visual and audible indication that the alarm system is working shall be provided.	N	N	No call for aid fitted	N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Each wheelchair space is equipped with a Train FX call for aid device which provides easy access and required a force less than 30 N to operate.	No
163	16(1)(f)	(f) a sign conforming to diagram C in the Schedule shall be placed immediately next to, or in, the wheelchair space so as to identify the space as a wheelchair space.	4.2.2.3 para 16	A sign conforming to Annex N Clauses N.3 and N.4 shall be placed immediately next to, or in, the wheelchair space so as to identify the space as a wheelchair space.	N	N		N	N		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Compliant sign will be fitted on the partition of each wheelchair space.	No
164	16(2)(a)	(a) if a wheelchair space is not needed by a disabled person in a wheelchair folding or tip-up seats may be used in that space.	4.2.2.3 para 9	Tip-up or folding seats may be installed in the wheelchair space but, when in the closed position, shall not encroach on the dimensional requirements of the wheelchair space.	Noted	Noted		Noted	Noted		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	No modification required.	No
165	16(2)(b)	(b) when laid or tipped up those seats shall not project into the space.	4.2.2.3 para 9	Tip-up or folding seats may be installed in the wheelchair space but, when in the closed position, shall not encroach on the dimensional requirements of the wheelchair space.	Noted	Noted		Noted	Noted		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	No modification required.	No
166	N/A	No equivalent requirement	4.2.2.3 para 11	At least one seat shall be available either adjacent to or facing to the wheelchair spaces for a companion to travel with the wheelchair user. This seat shall offer the same level of comfort as other seats, and may also be situated on the opposite side of the doorway.	N/A	N	In current configuration	N/A	N		Non-compliance accepted	Non-compliance accepted	Non-compliance accepted	Yes	Yes	Yes	Yes	Yes	A seat adjacent to each wheelchair space is to be designated as a companion seat.	No
167																				
168																				
169	18(1)	If tables or trays (whether fixed or folding) are fitted for the use of passengers at not less than 10% of the seats (excluding priority seats) in a regulated rail vehicle, a similar table or tray shall be available for use in any wheelchair space in that vehicle by a disabled person in a wheelchair.	N/A	No equivalent requirement.	N	N/A	Cup holder in only one space	N	N/A		Compliance expected	Compliance expected	Compliance expected	Yes	Yes	Yes	Yes	Yes	Tables are not provided at more than 10% of seating.	No
170	18(2)	The operator of a regulated rail vehicle shall provide assistance to erect a removable or folding table or tray in a wheelchair space at the request of or on behalf of a disabled person in a wheelchair.	N/A	No equivalent requirement.							N/A	N/A	N/A							
171	18(3)	There shall be no obstruction in the space between the table-top and the table-leg positioned so that the unobstructed space beneath the table is not less than 700mm wide when measured at right angles to the direction in which the wheelchair faces when facing the table.	N/A	No equivalent requirement.							N/A	N/A	N/A							
172	18(4)	The lowest point on the underside of the table-top shall be not less than 70mm vertically above the floor of the regulated rail vehicle.	N/A	No equivalent requirement.							N/A	N/A	N/A							
173																				
174	19(1)	A regulated rail vehicle in which there is a wheelchair space or wheelchair-compatible sleeping compartment shall be fitted with a wheelchair-compatible doorway on each side of the vehicle in which there is a door for the use of passengers.	4.2.2.4.2 para 4	The designated wheelchair exterior accessible doorways shall be the closest doorways to the designated wheelchair spaces.	Y	Y	Adjacent door is the accessible doorway	Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	No modification required.	No
175	19(2)	The width of the opening of a wheelchair-compatible doorway shall be not less than 850mm.	4.2.2.4.2 para 2	All exterior passenger doorways shall have a minimum clear useable width of 800mm when open.	Y	Y	Clearways 1020mm between handrails - doorway is 1105mm wide	Y	Y		Compliance already achieved	Compliance already achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	No modification required	

13	A	B	C	D	E	F	G	H	I	J	K	L	M	AB	AC	AD	AE	AF	AG	
14	Accessibility Standards										Operator - Arriva Trains Wales		DfT expectations of compliance by 1 Jan 2020		Anglo Trains Fleets			Dispensation Requirements		
15	Regulation	Requirement(s)	Class No.	Requirement(s)	Compliant	Compliant	Comments	Compliance already achieved	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	Compliance will be achieved?	
176	19(4)	There shall be no steps, or steps with a gradient exceeding 1% measured when the vehicle is on a straight and level track, in or between the wheelchair-compatible doorway and the wheelchair space or wheelchair-compatible sleeping compartment.	4.2.2.9 paras 2 & 3	No steps are allowed between the vehicle if wheelchair accessible exterior door, the wheelchair space, a universal sleeping compartment and the universal toilet except for a door threshold step that shall not exceed 15mm in height. For ramps in the train the maximum slope shall not exceed the following values: - Slope of ramps: Max gradient (mm) Max gradient (%) Access to and from wheelchair spaces, wheelchair accessible areas and wheelchair accessible doors shall have a minimum clearway width of 800mm wide up to a minimum height of 1450mm at any point. The clearway shall be arranged to permit unobstructed movement of the reference wheelchair as detailed in Annex M.	Y	Y	No slopes	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No	
178	19(5)	The passageway between the wheelchair-compatible doorway and the wheelchair space or wheelchair-compatible sleeping compartment shall not be less than 800mm wide at any point, and shall provide a turning space adjacent to the wheelchair space or sleeping compartment for the disabled person in the reference wheelchair to turn the wheelchair around through one hundred and eighty degrees.	4.2.2.7 para 3	Access to and from wheelchair spaces, wheelchair accessible areas and wheelchair accessible doors shall have a minimum clearway width of 800mm wide up to a minimum height of 1450mm at any point. The clearway shall be arranged to permit unobstructed movement of the reference wheelchair as detailed in Annex M.	Y	Y	1035mm achieved	Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No	
179	Toilets for Disabled Persons in Wheelchairs																			
180	20(1)	If a regulated rail vehicle or train is equipped with toilets, the nearest toilet cubicle to a wheelchair space or wheelchair-compatible sleeping compartment shall comply with the requirements in Regulation 14 and with the following requirements:			N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
181	20(1)(a)	(a) the exterior of the toilet outside door shall be marked with a sign conforming to diagram C in the Schedule.	4.2.2.6.3.1 para 2	The exterior of the door shall be marked with a sign in accordance with Annex N Clauses N.3 and N.4.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
182	N/A	No equivalent requirement	4.2.2.6.3.1 para 4	A visual and tactile (or audible) indication shall be given to indicate when a door has been locked.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
183	20(1)(b)	(b) the width of the doorway shall be not less than 800mm;	4.2.2.6.3.1 para 1	The toilet access door shall provide a minimum clear useable width of 800mm.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
184	20(1)(c)	(c) the surface of the toilet seat when lowered shall be not less than 475mm and not more than 485mm vertically above the floor of the toilet cubicle;	4.2.2.6.3.1 para 9	The surface of the toilet seat, when lowered shall be at a height of 450mm to 800mm above the floor level.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
185	20(1)(d)	(d) the toilet shall be equipped with facilities to enable a disabled person to wash their hands and dry their hands without moving from the seat of the toilet;	4.2.2.6.3.1 para 10	All amenities (wash basin, soap dispenser, mirror, water dispenser and hand dryer) shall be readily accessible to a person in a wheelchair.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
186	20(1)(e)	(e) there shall be sufficient space inside the toilet cubicle for a wheelchair user to be positioned in front of the toilet and to be positioned at one side of the toilet so that it is possible for a disabled person to move from a reference wheelchair on to the toilet seat from the front or the side of the toilet;	4.2.2.6.3.1 paras 6 & 7	There shall be sufficient space inside the toilet compartment to enable a wheelchair as defined in Annex M to be manoeuvred to a position adjacent to the toilet seat and to the front of the toilet seat, see figure 8a. In front of the toilet seat there shall be a minimum clear space of 700 mm as shown in figure 8b.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
187	20(1)(f)	(f) there shall be a handrail beside the toilet which shall:		A horizontal handrail that complies with the dimensional requirements in the clauses above shall be provided at each side of the toilet seat. The handrail on the wheelchair accessible side shall be hinged in such a way as to enable an unobstructed transfer for the wheelchair user to and from the toilet seat, see figures 9 and 10.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
188		(i) be on the same side of the toilet as the space for the reference wheelchair;	4.2.2.6.3.1 para 8		N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
189		(ii) comply with the requirements in paragraph (2) (a), (c), (d) and (e) of Regulation 11 and (a) comply with the specifications in diagrams D1 and D2 in the Schedule.			N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
190	20(1)(g)	(g) beside the toilet and on the opposite side to the space for the reference wheelchair there shall be a horizontal handrail which shall comply with the requirements in paragraph (2) of regulation 11;			N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
191	20(1)(h)	(h) the toilet cubicle shall be fitted with not less than two devices to enable a disabled person to communicate in an emergency with a person who is in a position to take appropriate action, one of which shall be not less than 450mm above the floor measured vertically from the surface of the floor to the top of the control device and the other to be not less than 800 millimetres and not more than 1200 millimetres above the floor measured vertically to the top of the control;	4.2.2.6.3.1 paras 11 - 15	The toilet cubicle shall be fitted with not less than two alarm devices that shall, in the event of danger enable, a PRR to inform a person who can take appropriate action. One shall be placed not more than 450mm above the floor, measured vertically from the surface of the floor to the top of the control. The other shall be not less than 800mm and not more than 1200mm above the floor measured, vertically to the top of the control. The lower alarm device shall be positioned so that the control can be reached by a person lying on the floor. These two devices shall be located on different vertical surfaces of the cubicle so that they can be reached from a range of positions. The alarm control shall be distinct from any other control within the toilet and be colour coded differently from other control devices. A sign in accordance with Annex N Clauses N.3 and N.7 shall be placed immediately next to each alarm device. The sign shall describe the function and required actions and shall contrast with the background and give clear visual and tactile information. A visual and audible indication that the alarm system has been operated shall be provided within the toilet.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
192		(i) each such control shall be operable by the palm of a person's hand exerting a force not greater than 30 Newtons.	5.4.2	The alarm devices shall be operable by the palm of a person's hand and shall not require a force exceeding 30N to operate.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
193	20(2)	The passageway between the wheelchair space or wheelchair-compatible sleeping compartment and the toilet cubicle shall be not less than 800mm wide at any point and provide a space adjacent to that toilet cubicle for the disabled person in the reference wheelchair to turn the wheelchair around through one hundred and eighty degrees.	4.2.2.7 para 3	Access to and from wheelchair spaces, wheelchair accessible areas and wheelchair accessible doors shall have a minimum clearway width of 800mm wide up to a minimum height of 1450mm at any point. The clearway shall be arranged to permit unobstructed movement of the reference wheelchair as detailed in Annex M.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
194	N/A	No equivalent requirement	4.2.2.6.3.2 para 1	If separate nursery facilities are not provided a facility to enable the changing of babies' nappies shall be incorporated within the universal toilet. In the lowered position, the changing facility shall be between 800mm and 1000mm above floor level. It shall be a minimum of 800mm wide and 700mm long.	N/A	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
195	N/A	No equivalent requirement	4.2.2.6.3.2 para 2	It shall be designed to prevent a baby from inadvertently slipping off. It shall have no sharp edges and shall be able to take a minimum weight of 80 kg.	N/A	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
196	N/A	No equivalent requirement	4.2.2.6.3.2 para 3	If the baby-change table protrudes into the accessible toilet space, it shall be possible to put it into the stowed position using a force not exceeding 25 Newtons.	N/A	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The toilet module is the 'Comfort Zone' manufactured by PCC.eu and has an ISV demonstrating compliance.	No	No	
197	Telephones - Reg 21 - N/A																			
198	Internal Doorways																			
199	22(1)	A doorway (other than an external doorway in the side or the end of a regulated rail vehicle) through which a disabled person in a wheelchair must pass to reach a wheelchair space, a wheelchair-compatible sleeping compartment, or the nearest toilet or telephone to that space or compartment shall be not less than 850 millimetres wide.	4.2.2.4.3.1 para 3	Door openings that are made available for wheelchair users shall have a minimum clear useable width of 800mm.	N/A	N/A	No internal doorways for wheelchair users	N/A												
200	22(2)	A doorway in the end of a vehicle through which a disabled person in a wheelchair must pass to reach a wheelchair space, a wheelchair-compatible sleeping compartment, or the nearest toilet or telephone to that compartment or space shall be not less than 750 millimetres wide.	4.2.2.4.3.1 para 3	Door openings that are made available for wheelchair users shall have a minimum clear useable width of 800mm.	N/A	N/A		N/A												
201	N/A	No equivalent requirement	4.2.2.4.3.1 para 4	Automatic inter-vehicle and consecutive connecting doors shall operate either synchronously as a pair, or the second door shall automatically detect the person moving towards it and open.	N/A	N/A	Manual doors	N/A												
202	Boarding Devices																			
203	23(1)	When a wheelchair-compatible doorway in a regulated rail vehicle is open at a platform or a train stop a boarding device must be fitted between that doorway and the platform or stop if a disabled person in a wheelchair wishes to use that doorway and the platform or stop. The gap between the edge of the door of that doorway and the edge of the platform or stop shall be not more than 75 millimetres measured horizontally and not more than 50 millimetres measured vertically.	4.2.2.12.3.2 para 1	When a wheelchair-compatible doorway in a train is intended to be open, in normal operation, at a platform or at a station that has obstacle free access routes in accordance with 4.1.2.3.1, a boarding aid shall be provided to be used between that doorway and the platform to allow a passenger in a wheelchair to board or alight, unless it is demonstrated that the gap between the edge of the door of that doorway and the edge of the platform is not more than 75mm measured horizontally and not more than 50mm measured vertically.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No
204	23(2)	The surface of a boarding device shall be slip-resistant.	4.2.2.12.3.3 para 4	The device surface shall be slip resistant and shall have an effective clear width as large as the doorway width.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No
205	23(3)	No boarding device other than a lift or a ramp shall be used.		Boarding aids shall comply with requirements as per the following table: Use of the Not accessible Both wheelchair & Chry accessible boarding aid to wheelchair user other user accessible wheelchair user Boarding aid Movable step/ other devices Ramp/bridging platform/ devices Lift/lift devices General requirements acc. to: Category A Category B Category B	N/A	N/A		N/A												
206	23(4)	If a regulated rail vehicle is fitted with a lift it shall comply with the following requirements.																		
207	23(5)	If the regulated rail vehicle is fitted with a power-operated ramp:																		
208	23(6)	If the regulated rail vehicle is not fitted with a lift or a power-operated ramp, the operator of the vehicle shall provide assistance in deploying and using a separate ramp.	4.2.2.12.3.6 para 3	An access ramp shall be either positioned manually by staff whether seated on the station platform or on board, or deployed semi-automatically by mechanical means, operated by staff or by the passenger.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No
209	23(7)	A ramp (whether power-operated or not) shall when in use:																		
210	23(7)(a)	(a) be fixed securely to the regulated rail vehicle;	4.2.2.12.3.6 para 7	When in use for boarding or alighting, the ramp shall be secured in use so that it is not subject to displacement when loading or unloading.	N	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR will incorporate two location lugs that will interface with two holes in the vehicle footstep.	No	No	
211	23(7)(b)	(b) be not less than 800mm wide and not wider than the opening of the wheelchair-compatible doorway;	4.2.2.12.3.6 para 4	The ramp surface shall be slip resistant and shall have an effective clear width of a minimum of 700mm.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR has a slip resistant surface.	No	No	
212	23(7)(c)	(c) have along each side which is not to be crossed by the wheelchair a protective rim standing at least 50mm higher than the surface of the ramp;	4.2.2.12.3.6 para 5	Ramps shall have raised edges on both sides to prevent mobility aid wheels from slipping off.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR has a raised sides and has an IC confirming compliance.	No	No	
213	23(7)(d)	(d) be capable of supporting a weight of not less than 300kg (excluding its own weight);	4.2.2.12.3.3 para 1 & 2	The device shall be capable of withstanding a concentrated downward vertical load of 2 kN this shall be applied on an surface area of 100 mm ² 200 mm at any position on the exposed step surface without causing	?	?		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR has a safe working load of 300 kg.	No	No	
214	23(7)(e)	(e) rest its outer edge securely on the surface of the platform or the station or train stop; and	4.2.2.12.3.6 para 7	When in use for boarding or alighting, the ramp shall be secured in use so that it is not subject to displacement when loading or unloading.	Y	N		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR will incorporate two location lugs that will interface with two holes in the vehicle footstep.	No	No	
215	23(7)(f)	(f) be marked on its upper surface by a strip of colour, which shall contrast with the remainder of that surface, and be not less than 50mm wide and shall contrast with the remainder of that surface, and be not less than 50mm wide and shall contrast with the remainder of that surface, and be not less than 50mm wide and shall contrast with the remainder of that surface;	4.2.2.12.3.6 para 6	The upstands at both ends of the ramp shall be bevelled and shall not be higher than 20mm. They shall have contrasting hazard warning bands.	?	?		Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The Portaramp 60 PRR has an IC confirming compliance.	No	No	
216	23(8)	A boarding device which is power-operated shall also be operable manually, and the operator shall provide assistance for such manual operation if the power-operation fails.	4.2.2.12.3.3 - para 9		N/A	N/A		N/A												
217	23(9)	A boarding device which is power-operated shall not be capable of being deployed unless the vehicle to which it is fitted is stationary.	4.2.2.12.3.3 para 3	In the case of the moving step extending beyond that permitted by the gauging rules, the train shall be immobilised whilst the step is extended.	N/A	N/A		N/A												
218	23(10)	A boarding device which is carried by a rail vehicle and which is not in use shall be fixed securely to that vehicle so that it does not endanger the safety of persons in that vehicle.	4.2.2.12.3.6 para 10	A secure compartment shall be provided to ensure that stored ramps, including portable ramps, do not impinge on a passenger's wheelchair or mobility aid or pose any hazard to passengers in the event of a sudden stop.	Y	Y		Compliance already achieved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No modification required.	No	No
219	Catering																			
220	24	If catering facilities are provided in a regulated rail vehicle or on a train but there is no passageway for a reference wheelchair from a wheelchair space or wheelchair-compatible sleeping compartment to those facilities the operator of that vehicle or train shall assist a disabled person in a wheelchair by providing a reasonably equivalent catering service to that person in that space or compartment.	N/A		?	?	Compliance expected if catering provided	Compliance expected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No fixed catering facilities provided. Some services may have a trolley service, which would comply with this regulation.	No	No	
221	25																			