RVAR and PRM TSI Compliance

Formation	Class 153	
Operator	TfW	
lssue	Two	



			Accessibility Standards			Vehicle Designa	ation:]]
Regulation No.	RVAR Requirement(s)	Clause No.	PRM TSI 2008 Requirement(s)	Clause No.	PRM TSI 2014 Requirement(s)	Operator: Commentary	Compliance Status	NTSN 2021 Clause No
Doors						Refer to TfW Livery Drawing CR-CO-		
	Each passenger doorway in the side of a regulated rail vehicle shall be indicated clearly					2305268.		
4(1)	by doors (excluding any window in or control device on the doors) rendered to contrast with				All external passenger doors shall be marked on the outside in a			
	the exterior of the vehicle to each side of that doorway.	4.2.2.4.2.1 para 3	External doors shall be painted or marked on the outside in a way that gives a contrast to the rest of the vehicle body-side.	4.2.2.3.2 para 3	way that gives a contrast to the rest of the vehicle body-side surrounding them.		Compliance Achieved	4.2.2.3.2 para 3
			When a door is enabled for opening a signal shall be given that					
			is clearly audible to persons inside and outside the train. This alert signal shall sound for a minimum of five seconds unless		When a door is released for opening a signal shall be given that is			
			the door is operated, in which case it may cease after 3 seconds. This requirement is not applicable for external		clearly audible and visible to persons inside and outside the train. This alert signal shall last for a minimum of five seconds unless the			
			audible signals on high speed Class 1 and Class 2 trains.		door is operated, in which case it may cease after 3 seconds unless the			
4(2)			When a door is automatically or remotely opened by the driver or other member of the traincrew, the alert signal shall		When a door is automatically or remotely opened by the driver or other member of the traincrew, the alert signal shall sound for a			
(-)			sound for a minimum 3 seconds from the moment that the door starts to open.		minimum as seconds from the moment that the door starts to open.			
			When a door that is automatically or remotely closed, is about		When a door that is automatically or remotely closed, is about to			
	Each passenger doorway in the side of a		to operate, an audible alarm shall be given to persons inside and outside the train. The alarm shall sound for a minimum of		operate, an audible and visible alert signal shall be given to persons inside and outside the train. The alert signal shall start a minimum			
	regulated rail vehicle shall be fitted with an audible warning device which shall emit		2 seconds before the door starts to close and shall be different in tone to that used when the door is released. The alarm shall		of 2 seconds before the door starts to close and shall continue to sound while the door is closing.			
	warning sounds in accordance with paragraph (3) inside and outside the vehicle in the		continue to sound while the door is closing.		The sound source for door warnings shall be located in the area	Door sounders fitted: EAO part number - 56-0213.MA.2371 - as fitted on the		
	proximity of each control device for that doorway or, if there is no such control device,		The sound source for door warnings shall be located in the area local to the control device or, if there is no such control		local to the control device or, if there is no such control device, adjacent to the doorway.	Angel/Porterbrook Class 156 units. See Drawing No.		
4(3)	adjacent to that doorway. The audible warning device shall:-	4.2.2.4.2.1 paras 7-10	device, adjacent to the doorway.	4.2.2.3.2 paras 7-10		PB-C0-2121342 and PB-C0-2121343.	Compliance Achieved	4.2.2.3.2 paras 7-10
			When a door is enabled for opening a signal shall be given that			1		
			is clearly audible to persons inside and outside the train. This alert signal shall sound for a minimum of five seconds unless		When a door is released for opening a signal shall be given that is			
			the door is operated, in which case it may cease after 3		clearly audible and visible to persons inside and outside the train.			
1			seconds. This requirement is not applicable for external audible signals on high speed Class 1 and Class 2 trains.		This alert signal shall last for a minimum of five seconds unless the door is operated, in which case it may cease after 3 seconds.	Door sounders fitted: EAO part number -		
	(a) emit a distinct sound for a period of not less		When a door is automatically or remotely opened by the driver or other member of the traincrew, the alert signal shall		When a door is automatically or remotely opened by the driver or other member of the traincrew, the alert signal shall sound for a	Door sounders fitted: EAO part number - 56-0213.MA.2371 - as fitted on the Angel/Porterbrook Class 156 units. See		
4(3)(2)	(a) emit a distinct sound for a period of not less than 3 seconds commencing when the door becomes openable by a passenger;	4.2.2.4.2.1 paras 7 & 8	driver or other member of the traincrew, the alert signal shall sound for a minimum 3 seconds from the moment that the door starts to open.	4.2.2.3.2 paras 7-8	other member of the traincrew, the alert signal shall sound for a minimum 3 seconds from the moment that the door starts to open.	Angel/Porterbrook Class 156 units. See Drawing No. PB-C0-2121342 and PB-C0-2121343.	Compliance Achieved	4.2.2.3.2 paras 7-8
4(3)(a)	seconies openable by a passenger;				wpen	, 5-60-2121342 and PB-60-2121343.	Compliance Achieved Compliance Achieved	
	(b) if the door is operated by a member of the		When a door that is automatically or remotely closed, is about to operate, an audible alarm shall be given to persons inside and outside the train. The alarm shall sound for a minimum of		When a door that is automatically or remotely closed, is about to operate, an audible and visible alert signal shall be given to persons	Door sounders fitted: EAO part number - 56-0213.MA.2371 - as fitted on the		
	operator's staff, emit a different distinct sound		2 seconds before the door starts to close and shall be different		inside and outside the train. The alert signal shall start a minimum	Angel/Porterbrook Class 156 units. See		
4(3)(b) Door Controls	commencing not less than 3 seconds before the door starts to close.	4.2.2.4.2.1 para 9	in tone to that used when the door is released. The alarm shall continue to sound while the door is closing.	4.2.2.3.2 para 9	of 2 seconds before the door starts to close and shall continue to sound while the door is closing.	Drawing No. PB-C0-2121342 and PB-C0-2121343.		4.2.2.3.2 para 9
Door Controls					r assenger doors addible alere signals shan be according to the specification in appendix G	Sounders comply with 2008 PRM TSI		
					Door opening Characteristics - A slow pulse multi tone (up to 2 pulses per second) of 2 tones	rather than 2014.		
					emitted sequential Frequencies 2 200 Hz +/- 100 Hz and 1 760Hz+/- 100Hz -Sound Pressure level - To be			
			Passenger door audible warnings - Door enabled for opening • Characteristic		either: an adaptive audible warning device set at 5 dB LAeq,T min above ambient up to a max of 70 dB LAeq,T (+6/-0)			
			- A slow pulse multi tone (0-2 pulses per second) of 2 combined tones		or a non-adaptive device set at 70 dB LAeq, T (+6/-0) - Internal measurements on the centre point of the vestibule at a height of			
			Frequencies 3000Hz+/-500Hz		1.5m above floor level. (T = Total duration of the sound event) using measurement array (horizontal and then vertical) and			
			- and: - 1750Hz +/-500Hz		- External measurement, 1.5m away from the body side door			
			Sound Pressure level 70 dB LAeq,T +/-2 measured on the centre point of the		centreline at 1.5m above the platform level. (T=Total duration of the sound event) using measurement array (horizontal) and			
			vestibule at a height of 1.5m above the floor level. (T = total duration of the sound event)		averaged readings. Door close - Characteristics - A fast			
			Passenger door audible warnings - Door close warning		pulsed tone (6-10 pulses per second) - Frequency - 1 900 Hz +/- 100 HZ - Sound Pressure level - to be			
			Characteristic A fast pulsed tone (6-10 pulses per second)		provided by either: an adaptive audible warning device set at 5 dB LAeq, T min above ambient up to a max of 70 dB LAeq, T (+6/-0) -			
			Frequency 1900Hz +/-500Hz		or a non-adaptive device set at 70 dB LAeq, T (+6/-0) - Internal measurements on the centre point of the vestibule at a height of			
			Sound Pressure level Od B LAeg,T +/-2 measured outside the vehicle, 1.5m away		1.5m above floor level. (T = Total duration of the sound event)			
	to this seculation from all lock decisions		from the bodyside door centreline at 1.5m above the platform level. Internal measurement as open alarm. (T = total duration		using measurement array (horizontal and then vertical) and averaged readings.			
4(4)	In this regulation "sound" includes the spoken word.	4.2.2.4.2.1	of the sound event)	4.2.2.3.2 para 12	External measurement, 1.5m away from the body side door centreline at 1.5m above the platform level. (T=Total duration of	Non compliance accepted in targeted	Dispensation Required	4.2.2.3.2 para 12
			External passenger access, automatic and semi-automatic, doors shall incorporate devices that detect if they close on a			compliance of 11/03/2010		
			passenger where a passenger is detected the doors shall automatically stop and remain free for a limited period of					
N/A		4.2.2.4.2.1 para 1	time.			Non compliance accepted in targeted	Dispensation Required	
						compliance of 11/03/2010.		
						Only 600mm useable width between handrails at No 2 end (where cab was		
						inserted when single car units were created in 1991-92). 700mm useable		
1			All exterior passenger doorways shall have a minimum clear		All exterior passenger doorways shall have a minimum clear	width without handrails. Compliant 805mm useable width at No 1 end.		
N/A	No control device to enable a passenger to	4.2.2.4.2.1 para 2	All exterior passenger doorways shall have a minimum clear useable width of 800mm when open.	4.2.2.3.2 para 1	All exterior passenger doorways shall have a minimum clear useable width of 800mm when open.		Dispensation Required	4.2.2.3.2 para 1
	No control device to enable a passenger to open or close a power-operated door other than a device to which paragraph (3) below							
5(1)	applies, shall be fitted to a regulated rail vehicle unless:							
			The centre of exterior door controls, operable from the		The centre of exterior door controls, operable from the platform,	Internal Close 1195mm Internal Open 1080mm	Compliance Achieved	
1	(a) the centre of the control device is not less		platform, shall be not less than 800 mm and not more than 1200 mm measured vertically above platforms, for all		shall be not less than 800 mm and not more than 1200 mm measured, vertically above platforms, for all platforms for which	External Open 880-935mm		
	than 700mm and not more than 1200mm vertically above an imaginary horizontal line		platforms at which the train will stop. The centre of internal door controls for the exterior door shall be not less than		the train is designed. If the train is designed for a single platform height, the centre of exterior door opening control shall be not less			
5(1)(a)	extended from the door sill of the relevant doorway;	4.2.2.4.2.1 last para	above controls for the exterior door shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.3.2 para 15	height, the centre of exterior door opening control shall be not less than 800mm and not more than 1100mm measured vertically above that platform height.			4.2.2.3.2 para 15
-1-1/01					trive protocold Heights	EAO Series 56	Compliance Achieved	
	(b) the control device is operable by the palm		If pushbuttons are provided for operation of doors then each pushbutton shall have visual indication, on or around the push		A door control device shall have visual indication, on or around it			
5(1)(b)	of the hand exerting a force not exceeding 15 Newtons;	4.2.2.4.2.2 1st para	button, when enabled and shall be operable by a force not greater than 15 Newtons.	5.3.2.1 para 1	when enabled and shall be operable by the palm of the hand exerting a force not greater than 15N			5.3.2.1 para 1
			If pushbuttons are provided for operation of doors then each			Illuminated while operable	Compliance Achieved	
	(c) the control device or its immediate surround is illuminated continuously whenever		pushbutton shall have visual indication, on or around the push button, when enabled and shall be operable by a force not		A door control device shall have visual indication, on or around it when enabled and shall be operable by the palm of the hand			
5(1)(c)	it is operable;	4.2.2.4.2.2 1st para	greater than 15 Newtons.	5.3.2.1 para 1	exerting a force not greater than 15N	Internal pushbuttons are unchanged.	Compliance Achieved	5.3.2.1 para 1
5(1)(d)	(d) the control device contrasts with the surface on which it is mounted; and	4.2.2.4.1 2nd para	Door controls, whether manual or pushbuttons, shall contrast with the surface on which they are mounted.	4.2.2.3.1 para 3	Door controls, whether manual, pushbuttons or other devices, shall contrast with the surface on which they are mounted.	External pushbuttons EAO part no. 72- 014082.1		4.2.2.3.1 para 3
			Such pushbuttons shall be identifiable by touch (for example:-		It shall be identifiable by touch (for example: tactile markings); this	Internal pushbuttons are unchanged. External pushbuttons EAO part no. 72-	Compliance Achieved	
5(1)(e)	(e) the control device is identifiable by touch.	4.2.2.4.2.2 2nd para	tactile markings) and shall indicate the functionality.	5.3.2.1 para 2	identification shall indicate the functionality	014082.1	Compliance Achieved	5.3.2.1 para 2
	When power-operated doors are closed by a member of the operator's staff, the				When a door that is automatically or remotely closed, is about to operate, an audible and visible alert signal shall be given to persons			
	member of the operator's staff, the illumination of each such control device shall cease not less than 3 seconds before the doors		If the door closure is remotely activated by traincrew, the visual indication shall cease not less than 2 seconds before the		operate, an audible and visible alert signal shall be given to persons inside and outside the train. The alert signal shall start a minimum of 2 seconds before the door starts to close and shall continue			
5(2)	cease not less than 3 seconds before the doors start to close. Subject to paragraph (4) below, no control	4.2.2.4.2.2 1st para	visual indication shall cease not less than 2 seconds before the door starts to close.	4.2.2.3.2 para 9	of 2 seconds before the door starts to close and shall continue while the door is closing.			4.2.2.3.2 para 9
	Subject to paragraph (4) below, no control device which opens a door automatically as a passenger approaches that door shall be fitted							
5(3)	to a regulated rail vehicle unless:							
	(a) the door starts to open before any part of a passenger reaches a distance of less than 500 mm, measured horizontally, from the vertical		Internal automatic and semi-automatic doors shall incorporate		Internal automatic and semi-automatic doors shall incorporate		Not applicable	
5(3)(a)	centre line of the door surface;	4.2.2.4.3.1 para 1	devices that prevent passengers becoming trapped during operation of the doors	4.2.2.3.3 para 1	devices that prevent passengers becoming trapped during operation of the doors			
5(2)/->	(b) the door, once opened, remains open for a period of not less than 5 seconds before it	433431	Internal automatic and semi-automatic doors shall incorporate devices that prevent passengers becoming trapped during paration of the door	42222	Internal automatic and semi-automatic doors shall incorporate devices that prevent passengers becoming trapped during		Not applicable	
5(3)(b)	closes; and (c) if, after the door starts to close, the edge of	4.2.2.4.3.1 para 1	operation of the doors Internal automatic and semi-automatic doors shall incorporate	4.2.2.3.3 para 1	operation of the doors Internal automatic and semi-automatic doors shall incorporate	<u> </u>	Not applicable	
5(3)(c)	the door comes in to contact with any part of a passenger the door opens again.	4.2.2.4.3.1 para 1	devices that prevent passengers becoming trapped during operation of the doors	4.2.2.3.3 para 1	devices that prevent passengers becoming trapped during operation of the doors			

	If a control device, to which paragraph (3)						Not applicable	
	above applies, incorporates a photocell device positioned above the door, the requirement							
	imposed by paragraph (3)(a) above will be complied with if the distance from the vertical centre line of the door is measured horizontally							
5(4)	from any single point on that line not more than 300 millimetres above the floor.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement			
			To latch or unlatch a manually operated door, for use by the		To latch or unlatch a manually operated door, for use by the		Not applicable	
N/A		4.2.2.4.1 1st para	public, the control device shall be operable by the palm of the hand exerting a force not exceeding 20 Newtons.	4.2.2.3.1 para 2	public, the control device shall be operable by the palm of the hand exerting a force not exceeding 20 N.			
						Non compliance accepted in targeted compliance of 11/03/2010.		
N/A		4.2.2.4.1 4th para	If both open and closed pushbuttons are fitted one above the other, the top button shall always be the open control.	4.2.2.3.1 para 5	If both open and closed door control devices are fitted one above the other; the top device shall always be the open control	Closed button over open existing buttons used.	Dispensation Required	4.2.2.3.1 para 5
Steps	Steps for use by passengers at any external							
6(1)	doorway of a regulated rail vehicle shall comply with the following requirements:							
6(1)(a)	(a) the surface of each tread shall be covered in slip-resistant material;	4.2.2.12.2 1st para	All steps for access and egress shall be slip resistant	4.2.2.11.2 para 1	All steps for access and egress shall be slip resistant.	Treadplate Design as per targeted compliance of 11/03/2010	Compliance Achieved	4.2.2.11.2 para 1
	(b) across the front edge of each tread there shall be a band of colour which shall be not less		The first and the last step shall be indicated by a contrasting		As a minimum the first and the last steps shall be indicated by a contrasting band with a depth of 45mm to 55mm extending a minimum f 2020 (blue at the steps the steps the step of a f	See drawing PB-C0-2121344		
6(1)(b)	than 45mm and not more than 50mm deep and shall contrast with the remainder of the tread;	4.2.2.12.2 2nd para	band with a depth of 45mm to 50mm extending the full width of the steps on both the front and the top surfaces of the step nosing.	4.2.2.11.2 para 4	minimum of 80% of the width of the steps on the top surface of the step nosing. A similar band shall indicate the front surface of the last step when entering the unit.		Compliance Achieved	4.2.2.11.2 para 4
0(1)(0)	(c) the rear of each step shall be closed by a vertical riser fixed to the rear of the tread and						Not applicable	
6(1)(c)	the front edge of the tread above or of the floor of the vehicle;	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement			
	(d) each step shall be illuminated by a light placed within or immediately adjacent to the		Vehicle access steps shall be illuminated to a minimum of 75 Lux, measured across 80% of the width of the step by a light				Not applicable	
6(1)(d)	step;	4.2.2.5	placed within or immediately adjacent to it.	Not applicable	No equivalent requirement	Non compliance accepted in targeted		
			Internal steps for external access shall have a maximum height			compliance of 11/03/2010.		
			of 200mm and a minimum depth of 240mm (going) between the vertical edges of the step. The rising height of each step shall be equal. The first and the last step shall be indicated by a			Step-board is too narrow. Some 65mm below door sill, so considered a step under TSI		
			contrasting band with a depth of 45mm to 50mm extending the full width of the steps on both the front and the top		Internal steps for external access shall have a minimum depth of			
			surfaces of the step nosing. The height of each step may be increased to a maximum of 230mm if it can be demonstrated		240mm between the vertical edges of the step and a maximum height of 200mm. The height of the step may be increased to a			
			that this achieves a reduction of one in the total number of steps required. (For example, if a vertical distance of 460mm is		maximum of 230mm if it can be demonstrated that this achieves a reduction of one in the total number of steps required.			
			to be traversed, it can be demonstrated that using steps of up to 230mm reduces the number of steps required from 3 to 2.)		An external access step, fixed or movable, shall have a maximum height of 230mm between steps and a minimum depth of 150			
			An external access step, fixed or moveable, shall have a maximum height of 230 mm between steps and a minimum depth of 150 mm. If a step board is fitted and it is an extension		height of 230mm between steps and a minimum depth of 150 mm.			
	(e) each step shall be not more than 200mm high measured vertically from the surface of		of a door sill outside the vehicle, and there is no change in level between the step board and the floor of the vehicle, this shall		If a step board is fitted and it is an extension of a door sill outside the vehicle, and there is no change in level between the step board			
	the tread to an imaginary line extended horizontally from the surface of the next tread		not be considered to be a step for the purposes of this specification. A minimal drop in level, with a maximum of 60	4.2.2.11.2 para 2	and the floor of the vehicle, this shall not be considered to be a step for the purposes of this specification. A minimal drop in level,			4.2.2.11.2 para 2
	or floor of the vehicle and not less than 300mm deep measured from the front of the tread to		mm, between the floor surface of the vestibule and that of the exterior of the vehicle, used to guide and seal the door is also		with a maximum of 60mm, between the floor surface at door sill and that of the exterior of the vehicle, used to guide and seal the			4.2.2.11.2 para 5
6(1)(e)	its rear; and	4.2.2.12.2 paras 2 - 4	permissible and shall not be considered as a step.	4.2.2.11.2 para 6	door is also permissable and shall not be considered as a step.		Dispensation Required	4.2.2.11.2 para 6
6(1)(f)	(f) the surface of each tread shall be not less than 455mm wide.	4.2.2.12.2 para 1	All steps for access and egress shall have an effective clear width as large as the doorway width.	4.2.2.11.2 para 1	All steps for access and egress shall have an effective clear width as large as the doorway width.		Compliance Achieved	4.2.2.11.2 para 1
			If a step board is fitted and it is an extension of a door sill outside the vehicle, and there is no change in level between		If a step board is fitted and it is an extension of a door sill outside the vehicle, and there is no change in level between the step board			
			the step board and the floor of the vehicle, this shall not be considered to be a step for the purposes of this specification. A minimal drop in level, with a maximum of 60 mm, between the		and the floor of the vehicle, this shall not be considered to be a step for the purposes of this specification. A minimal drop in level,			
	Paragraph (1)(e) and (f) do not apply if there is not more than one step outside an external		floor surface of the vestibule and that of the exterior of the vehicle, used to guide and seal the door is also permissible and		with a maximum of 60mm, between the loor surface at door sill and that of the exterior of the vehicle, used to guide and seal the			
6(2)	doorway. Subject to paragraph (4), inside a regulated rail	4.2.2.12.2 para 4	shall not be considered as a step.	4.2.2.11.2 para 6	door is also permissable and shall not be considered as a step.	No internal steps	Compliance Achieved Not applicable	4.2.2.11.2 para 6
	vehicle there shall be no step between an external passenger doorway and that part of							
	the passenger saloon to one side of that doorway for as far as and including either the							
6(3)	vestibule of the next external passenger doorway on the same side of that vehicle if there is no other such doorway.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement			
0(3)	Paragraph (3) shall not apply to stairs leading to any upper passenger saloon of a regulated	not appreciate		not oppnoable	ine education entere		Not applicable	
6(4)	rail vehicle.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement Internal steps (other than those for external access) shall have a		Not applicable	
			Internal steps (other than those for external access) shall have		maximum height of 200mm and a minimum depth of 280 mm, measured at the central axis of the stairs. For double deck trains it			
			a maximum height of 200mm and a minimum depth of 280 mm, measured at the central axis of the stairs. The first and		is permitted to reduce this value to 270mm for the stairs accessing the upper deck.			
			the last step shall be indicated by a contrasting band with a depth of 45mm to 50mm extending the full width of the steps on both the front and the top surfaces of the step nosing. For	4 2 2 8 para 1	As a minimum the first and the last step shall be indicated by a contrasting band with a depth of 45mm to 50mm extending the			
N/A	No equivalent requirement	4.2.2.9 para 1	double deck trains it is permitted to reduce this value to 270mm for the stairs accessing the upper deck.	4.2.2.8 para 2	full width of the steps on both the front and the top surfaces of the step nosing.			
			7.4.1.3.2 Specific case for Rolling Stock operating in Great Britain "P"			Non compliance accepted in targeted compliance of 11/03/2010.		
			As Is a negative value the first step as defined in clause 4.2.2.12.1 will need to be removed when operating on GB		Specific Case united Kingdom 'P' for all rolling stock intended to	UK railway infrastructure is variable.		
			lines. Under these circumstances the first useable step on GB lines GB shall comply with the following table:		stop, in normal operation at platforms of nominal 915 mm height. It is permissible for passenger access steps for the vehicle to be			
			δh mm δν+ mm δν- mm		designed to meet either the following values when the vehicle is stationary at a GB nominal 915 mm high platform: The values of δh mm δv + mm δv - according to the following			
			on a straight level track 200 230 160		table: δh mm δv+ mm δv- mm			
			on a track with a curve radius of 300m, 200 230 160		on a straight level track 200 230 160			
			standard case		on a track with a curve radius of 300m, 290 230 160			
N/A	No equivalent requirement	4.2.2.12.1 (as amended by GB specific case in 7.4.1.3.2)	on a track with a curve radius of 300m, 255 230 160 Eurostar case				Dispensation Required	7.3.2.6
N/A	No equivalent requirement	4.2.2.12.2 para 5	Eurostar case Access to the vestibule of the vehicle shall be achieved with a maximum of 4 steps of which one may be external	4.2.2.11.2 para 7	Access to the vestibule of the vehicle shall be achieve with a maximum of 4 steps of which one may be external	No steps	Compliance Achieved	4.2.2.11.2 para 7
Floors	The floors of areas used by passengers in a							
7	regulated rail vehicle shall comply with the following requirements:				All Bass spiniters around	Defecto TOM	Compliance	
7(a)	(a) all floors shall be slip-resistant;(b) the floor of a vestibule adjoining a doorway	Not applicable	No equivalent requirement From the inside of the vehicle the position of external	4.2.1.4 para 1	All floor coverings, ground surfaces and stair tread surfaces shall be slip resistant.	Refer to TfW schedule of finishes RA/18/001-018. Refer to TfW schedule of finishes	Compliance achieved	4.2.1.4 para 1
	(b) the noor of a vestibule adjoining a doorway in the side of a vehicle shall contrast with the adjacent floor in the passenger saloon of that	4.2.4.2.2.1	doorways shall clearly be marked by use of contrast on the flooring adjacent to the doorway, as compared with the rest of		From the inside of the vehicle the position of external doorways	Refer to TfW schedule of finishes RA/18/001-018.	comprance acmeved	
7(b)	vehicle;	para 6	the flooring of the vehicle.	4.2.2.3.2 para 6	shall clearly be marked by use of contrasted adjacent flooring.			4.2.2.3.2 para 6
	(c) the floor across the width of the doorway							
1	between the jambs shall be marked by a strip			1		1		
	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill,							
	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill							
	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill measured from the edge of that door sill to the							
7(c Seats	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the dege of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill and measured from the edge of that door sill to the edge of the strip further from that door sill.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill measured from the edge of that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser			Not applicable		Refer to Drawing No. PB-C0-2121046 (Seating Layout). Total number of seats -	Not applicable Compliance achieved	
Seats	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill to Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats	Not applicable 4.2.2.2.2.1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority		Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the	(Seating Layout). Total number of seats -		
	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the dege of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped	Not applicable	Not less than 10 percent of the seats by fixed trainset or	Not applicable	Not less than 10 per cent of the seats by fixed trainset or individual	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats		4.2.2.1.2.1 para 1
Seats	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons.	Not applicable 4.2.2.2.2.1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority		Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6	Compliance achieved	4.2.2.1.2.1 para 1 4.2.2.1.2.1 para 6
Seats 8(1)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface; run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill to Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is	Not applicable 4.2.2.2.1 para 1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM.	4.2.2.1.2.1 para 1	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility.	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-CO-2121046 (Seating Layout).	Compliance achieved	
Seats 8(1)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface; run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill to Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is	Not applicable 4.2.2.2.1 para 1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM.	4.2.2.1.2.1 para 1	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility.	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-CO-2121046	Compliance achieved	
Seats 8(1)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is used for carriage.	Not applicable 4.2.2.2.1 para 1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM.	4.2.2.1.2.1 para 1	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility.	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-C0-2121046 (Seating Layout). Chapman seats have had new cushions	Compliance achieved	
Seats 8(1)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface, run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is used for carriage.	Not applicable 4.2.2.2.1 para 1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM. Priority seats shall not be tip-up seats.	4.2.2.1.2.1 para 1	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility. Priority seats shall not be tip-up seats	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-C0-2121046 (Seating Layout). Chapman seats have had new cushions	Compliance achieved	
<u>8(1)</u> 8(2)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface; run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge of that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill to Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is used for carriage.	Not applicable 4.2.2.2.1 para 1	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM.	4.2.2.1.2.1 para 1	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility.	(Seating Layout), Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-C0-2121046 (Seating Layout). Chapman seats have had new cushions fitted. Height varies 425mm to 430mm.	Compliance achieved Compliance Achieved	
Seats 8(1)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface; run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge nearer that door sill to the edge further from it and be not more than 100 millimetres from that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is used for carriage. 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. Any armrest fitted to a priority seat shall be	Not applicable 4.2.2.2.2.1 para 1 4.2.2.2.2.1 para 5	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM. Priority seats shall not be tip-up seats. Each priority seat and the space available to its user shall comply with the diagrams shown in the figures 1 to 4. When seats are fitted with armrests, priority seats shall be fitted with movable armrests, this excludes armrests placed	4.2.2.1.2.1 para 1 4.2.2.1.2.1 para 6	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility. Priority seats shall not be tip-up seats Each priority seat and the space available to its user shall comply	(Seating Layout). Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-CO-2121046 (Seating Layout). Chapman seats have had new cushions fitted. Height varies 425mm to 430mm. Refer to Drawing No. PB-CO-2121046	Compliance achieved	4.2.2.1.2.1 para 6
<u>8(1)</u> 8(2)	between the jambs shall be marked by a strip which shall contrast with adjoining floor surface; run parallel to the edge of the door sill, be not less than 50 millimetres broad measured from the edge of that door sill to the edge further from it and be not more than 100 millimetres from that door sill no the edge of the strip further from that door sill to the edge of the strip further from that door sill to the edge of the strip further from that door sill. Not less than 10% of the seats in a regulated rail vehicle or 8 seats (whichever is the lesser number) shall be designated by signs complying with paragraph (6) as priority seats for the use of disabled persons. No priority seat may be capable of being tipped up or folded whilst the regulated rail vehicle is used for carriage. Each priority seat and the space available to its user shall comply with the spaceflications shown in diagram B1 and in diagram B2, B3 or B4 in the Schedule.	Not applicable 4.2.2.2.2.1 para 1 4.2.2.2.2.1 para 5	Not less than 10 percent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of PRM. Priority seats shall not be tip-up seats. Each priority seat and the space available to its user shall comply with the diagrams shown in the figures 1 to 4. When seats are fitted with armrests, priority seats shall be	4.2.2.1.2.1 para 1 4.2.2.1.2.1 para 6	Not less than 10 per cent of the seats by fixed trainset or individual vehicle, and by class shall be designated as priority seats for the use of persons with disabilities and persons wih reduced mobility. Priority seats shall not be tip-up seats Each priority seat and the space available to its user shall comply with the figures H1 to H4 from Appendix H When seats of a certain type are fitted with armrests, priority seats	(Seating Layout), Total number of seats - 56 + 3xcompliant tip up seats Number of Priority Seats - 6 Noted. No priority seats are tip-up seats Refer to Drawing No. PB-C0-2121046 (Seating Layout). Chapman seats have had new cushions fitted. Height varies 425mm to 430mm. Refer to Drawing No. PB-C0-2121046 (Seating Layout). (Note that the existing	Compliance achieved Compliance Achieved	4.2.2.1.2.1 para 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							
8(5)	be fitted for the use of persons in each priority seat.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	There shall be a sign on or near to a priority		The priority seats and vehicles containing them shall be identified by signs complying with Annex N Clauses N.3 and		The priority seats and vehicles containing them shall be identified by signs complying with appendix N. It shall be stated that other	Refer to drawing PB-C0-2121650.	Compliance Achieved	
8(6)	seat indicating that disabled persons have priority for the use of that seat.	4.2.2.2.2.1 para 2	N.8 and shall state that other passengers should make such seats available to those who are eligible to use them.	4.2.2.1.2.1 para 2	passengers shall make such seats available to those who are eligible to use them when required.			4.2.2.1.2.1 para 2
	Subject to paragraph (2) any transparent surface in the interior of a regulated rail vehicle							
10(1)	shall:							
	(a) be separated from an area in which a disabled person can walk, or go in a wheelchair,							
10(1)(a)	by a seat, table or other fitting; or (b) bear a coloured marking which shall be not	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	less than 140mm and not more than 160mm high and extend horizontally across the whole							
	width of the panel at a height of 1,500mm measured vertically from the floor to the							
10(1)(b)	bottom edge of that marking; or (c) be bounded on any side which is not	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	attached to the floor, wall or ceiling of the vehicle by a handrail which shall comply with	Not applicable		Netensieskie	No control and construct			
10(1)(c)	Regulation 11(2).	нот аррисаріе	No equivalent requirement If more than 75% of a door's surface is made of a transparent	Not applicable	No equivalent requirement		Not applicable	
			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 2000mm for the lower band, contrasting with the background over the entire					
10(2)	Where such a surface is a door it shall comply with paragraph (1)(b).	4.2.2.4.3.1 para 8	width of the door. These bands shall be a minimum of 100mm high.	4.2.2.3.3 para 6	If more than 75% of a door's surface is made of a transparent material, it shall be clearly marked with visual indicators		Not applicable	
Handrails and handho		4.2.2.4.3.1 para o	mgn.	4.2.2.5.5 para 0	material, it sharbe clearly marked with visual indicators			
11(1)	positions:				External doorways shall be provided with handrails on both sides,	Long vertical handrails on both sides of	Compliance Achieved	
	(a) in every regulated rail vehicle as close as		A vertical handrail shall also be provided for stepping on and		fitted as close as practicable to the vehicle outer wall. Exception can be made for one side of the doorway if it is fitted with a device	each external doorway		
	practicable on either side of the interior of an external doorway extending vertically from a		off the train. Doorways with up to two entrance steps shall be provided with vertical handrails on both sides of the doorway,		such as an on-board lift.			
	point not more than 700mm above the floor to a point not less than 1200mm above the floor;		fitted internally as close as practicable to the vehicle outer wall. They shall extend from 700mm to 1200mm above the	4.2.2.9 para 4	Those handrails shall be: vertical handrails that shall extend from 700mm to 1200mm above			4.2.2.9 para 4
11(1)(a)	and (b) in a tramcar at intervals of not more than	4.2.2.10 para 4	threshold of the first step.	4.2.2.9 para 5	the threshold of the first step for all external doorways			4.2.2.9 para 5
11(1)(b)	1050mm in the longitudinal plane of the vehicle	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
11(2)	Any handrail in a regulated rail vehicle shall comply with the following requirements:							
	(a) a handrail shall have a circular cross section with a diameter of not less than 30mm and not		All handrails fitted to a vehicle shall be round in section with		All handrails fitted to a vehicle shall be round in section with an	Refer to drawing PB-C0-2121335 for new handrail	Compliance Achieved	
11(2)(a)	more than 40mm; (b) if a handrail is curved, the radius of the	4.2.2.10 para 1	an outside diameter of 30mm to 40mm	4.2.2.9 para 1	outside diameter of 30mm to 40mm	Refer to drawing PB-CO-2121335 for new	Compliance Achieved	4.2.2.9 para 1
11(2)(b)	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 to the inside face of the curve shall be a minimum of 50mm.	4.2.2.9 para 2	If a handrail is curved, the radius to the inside face of the curve shall be a minimum of 50mm	handrail		4.2.2.9 para 2
	(c) there shall be a clear space of not less than 45mm between any part of the regulated rail					Refer to drawing PB-C0-2121335 for new handrail	Compliance Achieved	
11(2)(c)	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.	4.2.2.9 para 1	All handrails fitted to a vehicleshall have a minimum clear distance of 45mm to any adjacent surface			4.2.2.9 para 1
11(2)(d)	(d) a handrail shall have a slip-resistant surface;	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	(e) a handrail shall contrast with the parts of the regulated rail vehicle adjacent to that					Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved	
11(2)(e)	handrail.	4.2.2.10 para 2	All handrails shall contrast with their background.	4.2.2.9 para 3	All handrails shall contrast with their background Handholds or vertical handrails or other items that can be used for	Refer to drawing no. PB-C0-2121046	Compliance Achieved	4.2.2.9 para 3
	Subject to paragraph (4) a handhold shall be		Handholds or vertical handrails or other items that can be		personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is			
	fitted to the top of the back of each seat which faces towards an end of a regulated rail vehicle	4.2.2.2.1 para 1	used for personal stability, whilst using the aisle, shall be provided on seat backs of all aisle-side seats unless the seat		within 200mm of: - the back of another seat facing in the opposite direction which is			
	and which is next to a gangway in a passenger saloon and shall comply with the following		touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a		fitted with a handhold or a vertical handrail or other items that can be used for personal stability			
					- a handrail or a partition			4.2.2.1.1 para 1
11(3)	requirements: (a) the surface of a handhold (excluding the	4.2.2.2.1 para 4	partition.	4.2.2.1.1 para 1	The beadbalds or other items shall not have share advect	Refer to drawing PB-CO-2121335 for new	Compliance Achieved	4.2.2.1.1
11(3)(a)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to 	4.2.2.2.1 para 4 4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal	4.2.2.1.1. para 4	The handholds or other items shall not have sharp edges Handholds or other items that can be used for personal stability chall contract with the seat	handrail Refer to TfW schedule of finishes	Compliance Achieved	4.2.2.1.1. para 4
11(3)(a) 11(3)(b)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is attached; (c) a handhold shall have a slip-resistant 	4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat.	4.2.2.1.1. para 4 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat	handrail	Compliance Achieved	4.2.2.1.1. para 4 4.2.2.1.1 para 2
11(3)(a)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is attached; (c) a handhold shall have a slip-resistant surface; (d) There shall be no gap less than 150mm wide 		The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal	4.2.2.1.1. para 4	Handholds or other items that can be used for personal stability	handrail Refer to TfW schedule of finishes		
11(3)(a) 11(3)(b) 11(3)(c)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall have a slip-resistant surface; (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 	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement	handrail Refer to TfW schedule of finishes	Compliance Achieved Not applicable	
11(3)(a) 11(3)(b)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is attached; (c) a handhold shall have a slip-resistant surface; (d) There shall be no gap less than 150mm wide measured in any direction in a handhold or 	4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat.	4.2.2.1.1. para 4 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat	handrail Refer to TfW schedule of finishes	Compliance Achieved	
11(3)(a) 11(3)(b) 11(3)(c)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall have a slip-resistant surface; (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 	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement	handrail Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved Not applicable Not applicable	
11(3)(a) 11(3)(b) 11(3)(c)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall have a slip-resistant surface; (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. 	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all	handrail Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved Not applicable Not applicable	
11(3)(a) 11(3)(b) 11(3)(c)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall have a slip-resistant surface; (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 	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of:	handrail Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved Not applicable Not applicable	
11(3)(a) 11(3)(b) 11(3)(c)	(a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is attached; (c) a handhold shall have a slip-resistant surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is	handrail Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved Not applicable Not applicable	
11(3)(a) 11(3)(b) 11(3)(c)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is attached; (c) a handhold shall contrast with the seat to surface; (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. 	4.2.2.2.1 para 2 Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can	handrail Refer to TfW schedule of finishes RA/18/001-018.	Compliance Achieved Not applicable Not applicable	
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whist using the aisle, shall be provided on seat backs of all aisles-side seat sunless the seat touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. Handholds or other items that can be used for personal stability shall be positioned at a height of between 800 mm	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable Not applicable	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046	Compliance Achieved Not applicable Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. Handholds or other items that can be used for personal	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable Not applicable	Handholds or other items that can be used for personal stability shallcontrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200m of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition Handholds or other items that can be used for personal stability shall be positioned at a height of between 800 mm and 1200 mm	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046	Compliance Achieved Not applicable Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046	Compliance Achieved Not applicable Not applicable Compliance Achieved	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whist using the aisle, shall be provided on seat backs of all aisles-side seat unless the seat touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhoid or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046	Compliance Achieved Not applicable Not applicable Compliance Achieved	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a parition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1	Handholds or other items that can be used for personal stability shallcontrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200m of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046	Compliance Achieved Not applicable Not applicable Compliance Achieved Dispensation Required	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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 no tportude into the clearway and shall contrast with the seat.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1	Handholds or other items that can be used for personal stability shallcontrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200m of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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 no tportude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whist using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall chave a slip-resistant surface; (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. 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	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end,	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and honger than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handholds or overtical handrail or other items that can be used for personal stability - a handhold or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new handrail Existing toilet has been replaced by a	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 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 handhold; or to a seat to which a handhold. For the shandhold and the seat to which a handhold is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not seat the section.	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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 no tportude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and chall contrast with the vehicle and the dist or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 6	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use.	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end,	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be availion distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(4) N/A N/A Door Handles 12 N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches the back of another seat to which a handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehide gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 6	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use.	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) N/A N/A N/A N/A 12	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches the back of another seat to which a handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and shall contrast with the vehicle and and is or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1 para 6 4.2.2.3.1 para 2 4.2.2.3.1 para 3	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not mer than 1100mm measured vertically above the vehicle	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(4) N/A N/A Door Handles 12 N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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 handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and shall contrast with the vehicle interior surroundings. To latch or unlatch a manually operated door, for use by the public, the control device shall be opasitoned by the palm of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1 para 6 4.2.2.3.1 para 2 4.2.2.3.1 para 3	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1100mm measured vertically above the vehicle floor level.	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(4) N/A N/A Door Handles 12 N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to which the handhold is a ttached; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for a udible and visual announcements inside the passenger	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangway that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1 para 6 4.2.2.3.1 para 2 4.2.2.3.1 para 3	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the paim of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior doors only. The train shall be fitted with a public address system which shall be used either for routine or emergency announcements by the driver indent provide or provide or emergency announcements by the driver	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 2
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(4) N/A	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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 handhold or to a seat to which a handhold, or to a seat to which a handhold, or to a seat to which a handhold or to a seat to which a handhold, or to a seat to which a handhold and the seat to which a handhold or to a seat to which a handhold or to a seat to which a handhold and the seat to which a handhold or to a seat to which a handhold, or to a seat to which a handhold or to a seat to which a handhold or to a seat to which a handhold and the seat to a divere systems for audible and tisual announcements insid	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3.1 para 5 4.2.2.4.3.1 para 6	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the velicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons [applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 3 4.2.2.3.1 para 6 4.2.2.3.3 para 4 4.2.2.3.3 para 4 4.2.2.7.4 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1100mm measured vertically above the vehicle floor level. 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. The final destination or route shall be displayed outside of the passengers.	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.9 para 6
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) N/A N/A N/A N/A 12 N/A Passenger Information 13(1)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for audible and visual announcements in the exterior of the vehicle.	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 6	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the public, the control device shall be perable by the palm of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable A.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.3.1 para 6 4.2.2.3.3 para 4	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whist using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a partition Handholds or other items that can be used for personal stability shall be positioned at a height of between 800 mm and 1200 more, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1100mm measured vertically above the vehicle floor level. 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. 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 mi	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(4) N/A N/A N/A N/A N/A N/A N/A 11(4) N/A 11(4) N/A 11(5) 11((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall have a slip-resistant surface; (d) Three 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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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 handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement n 13(1) A regulated rail vehicle shall be fitted with public address systems for audible and visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle.	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 12 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails and labe positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and shall contrast with the vehicle interior surroundings. To latch or unlatch a manually operated door, for use by the parovided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level. 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.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 4 4.2.2.7.4 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. 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 exit, and or the shall be interior doors only. The fore required to open or close a manual door shall not exceed 60 New	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-C0-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fieet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved Not applicable Compliance Achieved Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.4 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) N/A N/A N/A N/A 12 N/A Passenger Information 13(1)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, 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 handhold or to a seat to which a handhold, or to a seat to which a handhold, or to a seat to which a handhold or to a seat to which a handhold, or to a seat to which a handhold and the seat to which a handhold or to a seat to which a handhold or to a seat to which a handhold and the seat to which a handhold or to a seat to which a handhold, or to a seat to which a handhold or to a seat to which a handhold or to a seat to which a handhold and the seat to a divere systems for audible and tisual announcements insid	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3.1 para 5 4.2.2.4.3.1 para 6	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangway that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 3 4.2.2.3.1 para 6 4.2.2.3.3 para 4 4.2.2.3.3 para 4 4.2.2.7.4 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unleas the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability - a handrail or a vertical handrail or other items that can be used for personal stability - a handrail or a partition 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, measured from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the paim of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. 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. 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. 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	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-C0-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved Not applicable Not applicable Compliance Achieved	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.9 para 6
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 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 handhold and the seat to which a handhold, and the seat to which a handhold, and the seat to which a handhold and the seat to which a handhold, and to a seat to which a handhold, or to a seat to which a handhold and the seat to a didress systems for audible and visual announcements inside the passenger saloon and for visual announcements on the exterior of the vehicle. The system for visual announcements on the vehicle is not hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3.1 para 5 4.2.2.4.3.1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 2000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle flor routine or emergency announcements by the driver or by another crewmember who has specific responsibility for passengers. 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 ve	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 4 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all asile-side seats unless the seat, when in the upright position, is within 200mm of:	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved Not applicable Compliance Achieved Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(4) 1	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 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 handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not excreeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with a unouncements inside the passenger saloan and for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle shall be fitted, if the vehicle is not hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on the front of the leading vehicle; or to exclude the fitted or the vehicle is an exclude the start or of the vehicle is not hauled by a locomotive: 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3.1 para 5 4.2.2.4.3.1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the public, the control device shall be perable by the palm of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 4 4.2.2.7.4 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a hadrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a hadrail on or measuref from the centre of the usable part of the handhold, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm and longer than 2 000 mm there shall be handrails or handholds provided in, or adjacent to, inter-vehicle gangways that are provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be parable by the palm of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newton Siapplies to interior door controls shall be not less than 800mm and not more than 1100mm measured vertically above the vehicle floor level. The tr	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TrW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved Not applicable Compliance Achieved Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.4 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to which the handhold is a ttached; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which faces in the opposite direction and is fitted with handhold; or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for a usible and visual announcements inside the passenger saloon and for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle. a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on each side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of a seat we coupled together, on each side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle is an expleid together, on each side of each vehicle side together we have the	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and clonger than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 1 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the handrails or handholds provided for passenger use. The force required to open or close a manual door shall not exceed 60 Ne	handrail Refer to TfW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, 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. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for a udible and visual announcements inside the passenger saloon and for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle and by a locomotive: (b) where two or more vehicles are coupled together, on each side of each vehicle; unless	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3.1 para 5 4.2.2.4.3.1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the paim of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to introir odors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 4 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of:	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Not applicable Compliance Achieved Not applicable Compliance Achieved Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to which the handhold is a ttached; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which faces in the opposite direction and is fitted with handhold; or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for a usible and visual announcements inside the passenger saloon and for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle. a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on each side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of a seat we coupled together, on each side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle, unless such a system is fitted to the ront of the seat side of each vehicle is an expleid together, on each side of each vehicle side together we have the	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and clonger than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 1 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the handrails or handholds provided for passenger use. The force required to open or close a manual door shall not exceed 60 Ne	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TrW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Refer to drawing PB-CO-2121335 for new handrail Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to which the handhold is a ttached; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, 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 handhold; or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 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. The system for visual announcements on the exterior of the vehicle shall be fitted, if the vehicle is not hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on the front of the leading vehicle, or (c) where five or more vehicles are coupled together, on the sitted to the front of the leading vehicle. The system for visual announcements on the leading vehicle. 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and clonger than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 1 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the handrails or handholds provided for passenger use. The force required to open or close a manual door shall not exceed 60 Ne	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(3)(d) 11(4) N/A N/A Door Handles 12 N/A Passenger Information 13(1) 13(2)	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, to a seat the back of which touches a partition, 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. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 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. The system for visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle shall be fitted, if the vehicle is not hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on the front of the leading vehicle; or (c) where for visual announcements on the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to each side of the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to each side of the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to each side of the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to each side of the exterior of a vehicle which is hauled by one or m	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and clonger than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. To latch or unlatch a manually operated door, for use by the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1 para 6 4.2.2.3.1 para 6 4.2.2.3.3 para 6 4.2.2.3.3 para 1 4.2.2.7.4 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the handrails or handholds provided for passenger use. The force required to open or close a manual door shall not exceed 60 Ne	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)((a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. Paragraph (3) does not apply to a seat the back of which touches a partition, to a seat the back of which touches a partition, 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. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for audible and Visual announcements in the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle are coupled together, on the front of the leading vehicle; or (c) where fivon or more vehicles are coupled together, on the first of the vehicle. The system for visual announcements on the exterior of a vehicle which is hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on the first of the vehicle. The system for visual announcements on the exterior of a vehicle which is hauled by one or more locomotives shall be fitted to the front of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used to the of the leading locomotive and is used	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided in, or adjacent to, intervehicle gangways that are provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. In the centre of applies to interior doors only. The centre of applies to interior doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle flor level. In 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. 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.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.3.1 para 5 4.2.2.3.3 para 6 4.2.2.3.3 para 4 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - handrail or a partition Handholds or other items that can be used for personal stability - a handrail or a partition Handholds or other items that can be used for personal stability. - handrail or a partition Handholds or other items that can be used for personal stability. - handrail or a partition In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds or hadmolds or hall be operable by the public, the control device shall be operable by the paim of the hand exerting a force not exceeding 20 Newtons. The force required to open or close a manual door shall not exceed 60 Newtons (applies to interior doors only. The centre of interior door controls shall be not less than 800mm and no	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1
11(3)(a) 11(3)(b) 11(3)(c) 11(3)(d) 11(3)(d) 11(3)(d) 11(4) N/A N/A N/A N/A N/A N/A 11(4) N/A N/A N/A 11(3)(d) 11(3)(d	 (a) the surface of a handhold (excluding the mountings to the seat) shall be rounded; (b) a handhold shall contrast with the seat to which the handhold is a ttached; (c) a handhold shall contrast with the seat to surface; (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. 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 handhold, or to a seat to which a handrail is attached. A door handle fitted for the use of passengers shall be operable by the exertion of a force not exceeding 15 newtons. No equivalent requirement 13(1) A regulated rail vehicle shall be fitted with public address systems for audible and visual announcements on the exterior of the vehicle. The system for visual announcements on the exterior of the vehicle sare coupled together, on early a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on early sill announcements on the exterior of the vehicle shall be fitted, if the vehicle is not hauled by a locomotive: a) on the front of a single vehicle; (b) where two or more vehicles are coupled together, on early sill be fitted to the front of the early coupled together, on early sill be fitted to the front of the early coupled together, on early and the shall be fitted or the vehicle is not hauled by a locomotive: 	4.2.2.2.1 para 2 Not applicable Not applicable 4.2.2.2.1 para 1 4.2.2.2.1 para 2 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 4 4.2.2.2.1 para 5 4.2.2.4.1 para 1 4.2.2.4.3 1 para 5 4.2.2.4.3 1 para 6 4.2.2.8.3 para 1 4.2.2.8.3 para 1 4.2.2.8.3 para 1	The handholds or other items shall not have sharp edges. Handholds or other items that can be used for personal stability shallcontrast with the seat. No equivalent requirement No equivalent requirement No equivalent requirement 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 touches the back of another seat facing in the opposite direction which is fitted with a handhold or touches a partition. 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. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is less than 1000 mm and longer than 2000 mm there shall be handrails or handholds, provided for passenger use. Where the clearway of the gangway is wider than or equal to 1000 mm handrails or handholds shall be provided in the gangway. 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. The force required to open or close a manual doors only. The centre of interior door controls shall be not less than 800mm and not more than 1200mm measured vertically above the vehicle floor level.	4.2.2.1.1. para 4 4.2.2.1.1 para 2 Not applicable 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.1.1 para 3 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.1.1 para 5 4.2.2.1.1 para 4 4.2.2.3.1 para 5 4.2.2.3.3 para 6 4.2.2.3.3 para 4 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1	Handholds or other items that can be used for personal stability shall contrast with the seat No equivalent requirement Handholds or vertical handrails or other items that can be used for personal stability, whilst using the aisle, shall be provided on all aisle-side seats unless the seat, when in the upright position, is within 200mm of: - the back of another seat facing in the opposite direction which is fitted with a handhold or a vertical handrail or other items that can be used for personal stability. - a handrail or a partition Handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. - a handrail on the positioned at a height of between 800 mm and 1200 mm above the floor, measured from the centre of the usable part of the handholds, shall not protrude into the clearway and shall contrast with the seat. In seating areas with fixed longitudinal seats, handrails shall be used for personal stability. These handrails shall be at a maximum distance of 2000 mm apart, shall be positioned at a height of between 800 mm and 1200 mm above the floor and shall contrast with the vehicle interior surroundings. Where the clearway of the gangway is narrower than 1 000 mm and longer than 2 000 mm there shall be handrails or handholds provided for passenger use. To latch or unlatch a manually operated door, for use by the public, the control device shall be operable by the palm of the handrails or handholds provided for passenger use. The force required to open or close a manual door shall not exceed 60 Ne	handrail Refer to TFW schedule of finishes RA/18/001-018. Refer to TW schedule of finishes RA/18/001-018. Refer to drawing no. PB-CO-2121046 Internal hand hold measured at 1150mm. Top of handhold measured at 1220mm. Top of handhold measured at 1220mm. Existing toilet has been replaced by a compliant UAT at the opposite end, therefore no manually operated doors. No gangway door when coupled in multiple. Fitted with TrainFX PIS No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs. No bodyside displays fitted across the fleet due to substatial modification costs.	Compliance Achieved Not applicable Compliance Achieved Dispensation Required Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Dispensation Required Dispensation Required Dispensation Required	4.2.2.1.1 para 2 4.2.2.1.1 para 1 4.2.2.1.1 para 1 4.2.2.1.1 para 2 4.2.2.9 para 6 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1 4.2.2.7.3 para 1

								•
		4.2.2.8.3 para 2	Where trains operate in a system, in which dynamic visual information is given on the station platforms within a distance of 50 metres, 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	4.2.2.7.3 para 2	Where trains operate in a system, in which dynamic visual information is given on the station platforms within a distance of 50 metres, 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		Compliance Achieved	4.2.2.7.3 para 2
			provide information on the sides of each vehicle		internation on the sides of eden vehicle	Operational responsibility.	Compliance Achieved	
	Whilst the vehicle is stationary at a station or a		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.)					
	tram stop, the systems inside the passenger saloon and on the exterior of the vehicle shall be used to announce the destination of the	4.2.2.8.1 para 7	The following information shall be provided: • Information concerning the route of the train		The following information shall be provided:			
	vehicle, or, if the vehicle is following a circular route, the name or number of the route, and,	4.2.2.6.1 para 7	The final destination or route of the train shall be displayed inside each vehicle.		Information concerning the route of the train, including information about delays and unplanned stops.			
13(4)	in the case of systems inside the passenger saloon only, to announce the next stop.	4.2.2.8.3 paras 3 & 14	The system shall be used to announce the destination and next stop of the train, or on departure from, each stop.	4.2.2.7.1 para 1 4.2.2.7.3 para 3	The final destination or route of the train shall be displayed inside each vehicle.			4.2.2.7.1 para 1 4.2.2.7.3 para 3
13(5)	Subject to paragraph (6) the systems inside the passenger saloon shall be used:						Compliance Achieved	
	(a) to announce the next station, or tram stop, at which the vehicle will be stopping, not less		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. The (audible public address) system shall be used to announce the next stop of the train at least two minutes before the	4.2.2.7.3 para 4	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 including 51% of the priority seats, and from all wheelchair spaces. 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. The public address system shall be used to announce the next stop			4.2.2.7.3 para 4
	than once during the period beginning five minutes before the vehicle is expected by the		arrival of the train at that stop. If the next station is less than two minutes planned journey time away, the next station shall	4.2.2.7.3 para 5	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			4.2.2.7.3 para 5
13(5)(a)	operator's staff to stop at that station or tram stop; (b) to announce any delay exceeding ten	4.2.2.8.3 paras 4 & 15	be announced immediately following departure from the previous station.	4.2.2.7.4 para 4	journey time away, the next station shall be announced immediately following departure from the previous station.			4.2.2.7.4 para 4
13(5)(b)	minutes to the scheduled timing for that journey;	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	(c) to announce any diversions from the route shown in the published timetable for that							
13(5)(c	Journey; and	Not applicable	No equivalent requirement 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: • Safety Information and Safety Instructions in accordance with European or National Rules	Not applicable	No equivalent requirement The following information shall be provided: - Safety		Not applicable	
13(5)(d)	(d) to make emergency announcements.	4.2.2.8.1 para 7	Audible safety instructions in case of emergency	4.2.2.7.1 para 1	information and safety instructions		Compliance Achieved	4.2.2.7.1 para 1
			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.		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 including 51% of the priority seats, and from all wheelchair spaces. 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.			
			The (audible public address) system shall be used to announce the next stop of the train at least two minutes before the	4.2.2.7.3 para 4	The public address system shall be used to announce the next stop			4.2.2.7.3 para 4
	Paragraph (5)(a) does not apply if the timetabled journey time between stations or		arrival of the train at that stop. If the next station is less than two minutes planned journey time away, the next station shall be announced immediately following departure from the	4.2.2.7.3 para 5	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, the next station shall be announced			4.2.2.7.3 para 5
13(6)	tram stops is less than two minutes.	4.2.2.8.3 paras 4 & 15	previous station. Visual information shall contrast with its background.	4.2.2.7.4 para 4	immediately following departure from the previous station.		Compliance Achieved	4.2.2.7.4 para 4
	The first letter of, and numbers used in, announcements on visual systems shall be not less than 70mm high on systems on the front of the vehicle and not less than 35mm high on		Upper Case Letters and numbers used in front external displays shall have a minimum height of 70mm and on side displays 35mm on bodyside and internal indicators. Inside trains the font size shall be not less then 35mm for a reading distance in excess of 5000mm.	4.2.2.7.1 para 2 4.2.2.7.1 para 3	Visual information shall contrast with its background The typeface used for test shall be easily readable			4.2.2.7.1 para 2 4.2.2.7.1 para 3
13(7)	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	35mm display characters shall be considered to be legible up to a maximum viewing distance of 10000 mm.	4.2.2.7.1 para 4	Time information presented in digits shall be in the 24hr format			4.2.2.7.1 para 4
13(8)	A word on a visual system shall not be written in capital letters only.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
13(9)	Visual announcements inside the passenger saloon shall be visible from the majority of passenger seats (including priority seats) in that	4.2.2.8.3 nara 4. 1st	The next stop of the train shall be displayed such that it can be		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 which is did a fifty of the seat of the seat form the statistical the seat seat of the seat seat of the seat seat seat the seat seat seat the seat seat the seat seat seat the seat seat seat seat seat seat seat sea		Compliance Achieved	
	saloon.	sentence	read from a minimum of 51% of passenger seats inside each vehicle.	4.2.2.7.3 para 4	vehicle including 51% of the priority seats, and from all wheelchair spaces.			4.2.2.7.3 para 4
N/A			vehicle. All information shall be of a consistent nature and in accordance with European or National Rules.	4.2.2.7.3 para 4			Not applicable	4.2.2.7.3 para 4
N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains,	N/A	spaces. No equivalent requirement			4.2.2.7.3 para 4
	saloon.	sentence	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational.		spaces.		Not applicable Not applicable Not applicable	4.2.2.7.3 para 4
N/A N/A N/A	saloon. No equivalent requirement No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions	N/A N/A N/A	spaces. No equivalent requirement No equivalent requirement		Not applicable	4.2.2.7.3 para 4
N/A N/A	saloon. No equivalent requirement No equivalent requirement No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used.	N/A N/A	spaces. No equivalent requirement No equivalent requirement No equivalent requirement		Not applicable Not applicable	4.2.2.7.3 para 4
N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information shall be coherent with the general routeing and information shall be coherent with the general routeing and information shall be coherent with the general routeing and platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety information and and tory actions signs in accordance with European or National Rules. • Information concerning the location of on-board facilities	N/A	spaces. No equivalent requirement	Befor to downing PD F0 P1222-	Not applicable Not applicable Not applicable Not applicable	4.2.2.7.3 para 4
N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.1. para 7	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety Information and Safety Instructions in accordance with European or National Rules • Ludbiet stery instructions in case of emergency • Warning, prohibition and mandatory actions signs in accordance with European or National Rules. • Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC	N/A N/A N/A N/A	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the	Refer to drawing PB-C0-2121649.	Not applicable Not applicable Not applicable Not applicable	
N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.1. para 7 4.2.2.8.1. para 1	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety Information and Safety Instructions in accordance with European or National Rules • Information concerning the route of the train • Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. There shall be no more than five pictograms, together with a directional arrow, indicating a single direction placed adjacent	N/A N/A N/A N/A N/A A.2.2.7.2 para 1	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall Include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. There shall be no more than five pictograms, together with a directional arrow, indicating a single direction placed adjacent to	Refer to drawing PB-CO-2121649 and PB- CO-2121650.	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved	4.2.2.7.2 para 1
N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.1. para 7 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2	 vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: Safety Information and Safety Instructions in accordance with European or National Rules. Audible safety instructions in case of emergency Warning, prohibition and mandatory action af facilities Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactile information signage shall be fitted in: Toilets, for functional information and emergency call if appropriate Tarction of the Wheelchair accessible door location outside the train Directional information for wheelchair accessible amenities Indication of the wheelchair accessible door location outside the train Indication of the wheelchair accessible door location outside the train Indication of the universal toilets 	N/A N/A N/A N/A	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, Index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Directional information for wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair accessible door location outside the train - Indication of the universal toilets These symbols (for example carriage number, toilet etc) Tactle information signage shall be fitted in: - Topliets and wheelchair accessible accessible accommodation, for functional information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors	Refer to drawings PB-C0-2121649 and PB-	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved	
N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.1. para 7 4.2.2.8.1. para 1	 vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: Safety Information and Safety Instructions in accordance with European or National Rules. Audible safety instructions in case of emergency Warning, prohibition and mandatory action signs in accordance with European or National Rules. Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tractile information signage shall be fitted in: Trainis, for door open/close button and emergency call Advertisements shall not be combined with the routeing and information systems. The following specific PRM graphic symbols and pictograms shall be fitted: Wheelchair symbol in accordance with Annex N Clauses N.3 and N.4 Directional information for wheelchair accessible door location outside the train Indication of the wheelchair access	N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Directional information for wheelchair accessible amenities - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication af the wheelchair accessible door location outside the train - Indication af the wheelchair space inside the train - Indication af the wheelchair accessible door location outside the train - Indication af the wheelchair space inside the train - Indication af the wheelchair accessible spenging accommodation, for functional information and call for aid device if appropriate	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB-	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved	4.2.2.7.2 para 1 4.2.2.7.2 para 2
N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 1	 vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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 Raliway Undertaking having regard to the clientele of an individual train service.) 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 location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactile information signage shall be fitted in: Troilets, for door open/close button and emergency call if appropriate Taction of the wheelchair accessible amenties Indication of the wheelchair accessible amenties Indication of the wheelchair accessible door location outside the train Indication of the wheelchair accessible door location outside the train Indication of the wheelchair accessible door location outside the train Indication of the wheelchair space inside the train<!--</td--><td>N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2</td><td>spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: Directional information for wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train - Indication a the combined with other symbols (for example carriage number, toilet etc) Tactile information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Where inductive loops are fitted these shall be indicated by a</td><td>Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB-</td><td>Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable</td><td>4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8</td>	N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: Directional information for wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train - Indication a the combined with other symbols (for example carriage number, toilet etc) Tactile information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Where inductive loops are fitted these shall be indicated by a	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB-	Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Compliance Achieved Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8
N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2	 vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: Safety Information and Safety Instructions in accordance with European or National Rules. Information concerning the location of on-board facilities Information concerning the route of the train Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactlie information signage shall be fitted in: Trains, for door open/close button and emergency call if appropriate Wheelchair symbol in accordance with Annex N Clauses N.3 and N.4 Wheelchair symbol in accordance with Annex N Clauses N.3 and N.4 Indication of the wheelchair accessible door location outside the train Indication of the wheelchair space inside the train Indication of the wheelchair space inside the train Indication of the wheelchair space insi	N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible sleeping accommodation, for functional information for jold device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices. Where inductive loops are fitted these shall be indicated by a pictogram complying with appendix N No equivalent requirement The wheelchair space shall be fitted with a call for aid device that shall, in the event of danger, provide to a wheelchair user the	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB-	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved	4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8
N/A N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 1	 vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: Safety Information and Safety Instructions in accordance with European or National Rules. Information concerning the location of on-board facilities Information concerning the location of on-board facilities All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactile information signage shall be fitted in: Toilest, for functional information and emergency call Advertisements shall not be combined with the routeing and pictograms shall be fitted: Wheelchair symbol in accordance with Annex N Clauses N.3 and N.4 Indication of the wheelchair accessible door location outside the train Indication of the wheelchair space inside the train Indication of the wheelchair space inside the train Indication of the wheelchair space inside the train Indication of the wheelchair space	N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 3 4.2.2.7.2 para 4 4.2.2.7.2 para 4	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Directional information for wheelchair accessible amenities - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train and wheelchair accessible side proportate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Tactle information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Where inductive loops are fitted these shall be indicated by a pictogram complying with appendix N No equivalent requirement The wheelchair space shall be fitted with a call for aid device that shall, in the event of danger, provide to a wheelchair user the possibility to inform a person who can take appropriate action. The	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB- CO-2121650. This is part of the CFA device itself.	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.7.2 para 1 4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8 4.2.2.7.2 para 4
N/A N/A N/A N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.2 para 1 4.2.2.8.2.2 para 2	vehice. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety Information and Safety Instructions in accordance with European or National Rules. • Judible stafety instructions in case of emergency. • Warning, mondatory action and prohibition signs in accordance with European or National Rules. All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. • Toilets, for functional information and emergency call If appropriate • Toilets, for functional information dewith the routeing and information systems.	N/A N/A N/A N/A N/A N/A A.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 4 4.2.2.7.2 para 11 4.2.2.2 para 11 4.2.2.2 para 12	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Directional information for wheelchair accessible door location outside the train - Indication of the wheelchair accessible door location outside the train - Indication of the universal toilets These symbols can be combined with other symbols (for example carriage number, toilet etc) Tactlie information signage shall be fitted in: -Toilets and wheelchair accessible sleeping accommodation, for functional information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Where inductive loops are fitted these shall be indicated by a pictogram complying with appendix N No equivalent requirement The wheelchair space shall be fitted with a call for aid device that shall, in the event of danger, provide to a w	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB- CO-2121650. This is part of the CFA device itself.	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8 4.2.2.7.2 para 8 4.2.2.7.2 para 4
N/A N/A N/A N/A N/A N/A N/A	saloon. No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 1	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety Information and Safety Instructions in accordance with European or National Rules. • Information concerning the location of on-board facilities All safety varing, mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactile information signage shall be fitted in: • Toilotes, for dor open/close button and emergency call if appropriate • Trains, for door open/close button and emergency call if appropriate • Indicat	N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 3 4.2.2.7.2 para 4 4.2.2.7.2 para 4	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pictograms and shall be designed according to the specification referenced in Appendix A, index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible door location outside the train. Tactle information of acl for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices. Where inductive loops are fitted these shall be indicated by a pictogram complying with appendix N No equivalent requirement The wheelchair space shall be fitted with a call for aid device that shall, in the event of danger, provide to a wheelchair user the possibility to inform a person who can take appropriate action. The call for aid device shall be placed within the comfortable reach range of the person using the wheelc	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB- CO-2121650. This is part of the CFA device itself.	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Not applicable Not applicable Not applicable	4.2.2.7.2 para 1 4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 8 4.2.2.7.2 para 4
N/A	saloon. No equivalent requirement No equivalent requirement	sentence 4.2.2.8.1. para 1 4.2.2.8.1. para 2 4.2.2.8.1. para 3 4.2.2.8.1. para 3 4.2.2.8.1. para 5 4.2.2.8.1. para 6 4.2.2.8.2.1 para 1 4.2.2.8.2.1 para 2 4.2.2.8.2.1 para 3 4.2.2.8.2.1 para 3 4.2.2.8.2.2 para 1 4.2.2.8.2.2 para 2	vehicle. All information shall be of a consistent nature and in accordance with European or National Rules. All information shall be coherent with the general routeing and information system especially colour and contrast in trains, platforms and entrances. Visual information shall be legible in all lighting conditions when the vehicle or station is operational. Descenders in Roman script shall be clearly recognisable and have a minimum size ratio of 20% to the upper case characters. Compressed descenders and ascenders shall not be used. 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: • Safety information and Safety Instructions in accordance with European or National Rules. • Audible safety instructions in case of emergency • Warning, prohibition and mandatory action and prohibition signs shall include pictograms and shall be designed according to ISC 3864-1. 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. Tactile information signage shall be fitted in: • Toilotes, for door open/close button and emergency call if appropriate • Indication of the wheelchair accessible door location outside the train • Indic	N/A N/A N/A N/A N/A N/A 4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 4 4.2.2.7.2 para 11 4.2.2.2 para 11 4.2.2.2 para 12 4.2.2.2 para 15	spaces. No equivalent requirement All safety, warning, mandatory action and prohibition signs shall include pitcograms and shall be designed according to the specification referenced in Appendix A, Index 7. 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. The following specific pictograms shall be fitted with the wheelchair symbol in accordance with appendix N: - Directional information for wheelchair accessible amenities - Indication of the wheelchair accessible door location outside the train - Indication of the wheelchair space inside the train - Indication of the wheelchair accessible locor location outside the train - Tactie information signage shall be fitted in: - Toilets and wheelchair accessible accommodation, for functional information and call for aid device if appropriate - Rolling stock, for the open/close of passenger accessible doors and call for aid devices Where inductive loops are fitted these shall be indicated by a pictogram complying with appendix N No equivalent requirement The wheelchair space shall be fitted with n the comfortable reach ranage of the person using the wheelchair as show	Refer to drawings PB-CO-2121649 and PB- CO-2121650. Refer to drawings PB-CO-2121649 and PB- CO-2121650. This is part of the CFA device itself. Refer to drawing PB-CO-2121650.	Not applicable Not applicable Not applicable Not applicable Not applicable Compliance Achieved Compliance Achieved Not applicable Compliance Achieved Not applicable Compliance Achieved	4.2.2.7.2 para 1 4.2.2.7.2 para 2 4.2.2.7.2 para 3 4.2.2.7.2 para 3 4.2.2.7.2 para 4 4.2.2.7 para 4 4.2.2.2 para 11 4.2.2.2 para 11 4.2.2.2 para 12 4.2.2.2 para 15

No. No. </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
Note						The requirement to make the destination and 'next stop' displays			
NoteN				the train is partly or wholly divided into compartments of not		compartment carriages where the compartments have a maximum			
No.Notation with an interaction with a section with a s				a display shall be visible to a person standing in a corridor		information shall be visible to a person standing in a corridor			
No.No. No. No. No. No. No. No. No. No. No.	N/A	No equivalent requirement	4.2.2.8.3 para 5	occupying a wheelchair space.	4.2.2.7.3 para 6			Not applicable	
Note Sector Secto	N/A	No equivalent requirement	4.2.2.8.3 para 6	shall be available (the Railway Undertaking shall decide the	N/A	No equivalent requirement		Not applicable	
SANote in the interval is a larger in the interval is and interval is a larger interval				The information about the next stop may be shown on the					
Note	N/A	No equivalent requirement	4.2.2.8.3 para 7	to show the final destination as soon as the train has stopped.	4.2.2.7.3 para 7				4.2.2.7.3 para 7
NAME				giving announcements in more than one language. (The					
No. No. <td>N/A</td> <td>No equivalent requirement</td> <td>4 2 2 8 3 para 8</td> <td>the Railway Undertaking having regard to the clientele of an</td> <td>N/A</td> <td>No equivalent requirement</td> <td></td> <td>Notapplicable</td> <td></td>	N/A	No equivalent requirement	4 2 2 8 3 para 8	the Railway Undertaking having regard to the clientele of an	N/A	No equivalent requirement		Notapplicable	
And solve	1/2		412.12.10.15 para 0		17.6	The public address system may operate on a manual, an			
Note of the section	N/A	No equivalent requirement	4.2.2.8.3 para 9	shall be possible to suppress, or correct, incorrect or	4.2.2.7.4 para 2	is automated, it shall be possible to suppress, or correct, incorrect			4.2.2.7.4 para 2
NoteDescription									
MA Makerbare structure Laberbare structure <thl< td=""><td></td><td></td><td></td><td>letter of the vehicle (as used in the reservation system) shall be</td><td></td><td>externally on or adjacent to all its access doors. The number or</td><td></td><td></td><td></td></thl<>				letter of the vehicle (as used in the reservation system) shall be		externally on or adjacent to all its access doors. The number or			
NoteN	N/A	No equivalent requirement	4.2.2.8.3 para 10	than 70mm high.	4.2.2.7.2 para 6	and shall be visible when the door is open and closed.	Refer to drawing PR-C0-2121650		
Note				letter of the seat shall be displayed on or adjacent to every		of the seat shall be displayed on or adjacent to every seat in			
No. No. </td <td>N/A</td> <td>No equivalent requirement</td> <td>4.2.2.8.3 para 11</td> <td>The (audible public address) system may operate on a manual,</td> <td>4.2.2.7.2 para 7</td> <td>The public address system may operate on a manual, an</td> <td></td> <td>Compliance Achieved</td> <td>4.2.2.7.2 para 7</td>	N/A	No equivalent requirement	4.2.2.8.3 para 11	The (audible public address) system may operate on a manual,	4.2.2.7.2 para 7	The public address system may operate on a manual, an		Compliance Achieved	4.2.2.7.2 para 7
	N/A	No equivalent requirement	4 2 2 8 2 para 12	automated, it shall be possible to suppress, or correct,	4 2 2 7 4 para 2	is automated, it shall be possible to suppress, or correct, incorrect			4 2 2 7 4 para 2
Note of the section of the sectio	N/A	No equivalent requirement	4.2.2.0.5 para 15	The spoken information shall have a minimum RASTI level of	4.2.2.7.4 µara 2				4.2.2.7.4 para 2
N.M. Instantion of the second secon	N/A	No equivalent requirement	4.2.2.8.3 para 16	system shall meet the requirement at each seat location and	N/A	No equivalent requirement		Not applicable	
Subscription				announcements in more than one language. (The choice and					
Image: state	N/A	No coulusiont	43393	Undertaking having regard to the clientele of an individual	21/2	No oquiusiont roquissesst			
Answer was been made to a state of the	N/A	ivo equivalent requirement	4.2.2.8.3 para 17		N/A	The public address system may operate on a manual, an			
And the second part of the s	N/A	No equivalent requirement	4.2.2.8.3 para 18	possible to suppress, or correct, incorrect or misleading	4.2.2.7.4 para 2	is automated, it shall be possible to suppress, or correct, incorrect			4.2.2.7.4 para 2
Note Note Note Note Note Note Note Note 1 Section of the sectin of the section of the section of the sectin of the section of t					para a				and a second
Note Note <				messages, shall be displayed for a minimum of 2 seconds. If a scrolling display is used (either horizontal or vertical), each					
BAD Normal Alexan and set and				and the horizontal scrolling speed shall not exceed 6					
Number Number of the interview of the interv		No equivalent requirement	4.2.2.8.4 para 1		N/A	No equivalent requirement		Not applicable	
Image: second	Tollets								
Note:	14							Compliance Achieved	
Sign Untrop works (a) works (b) work		exterior or the interior of the toilet cubicle shall					module fitted to this train.		
Intermentation of the second	14(a)		4.2.2.4.3.1 para 6		4.2.2.3.3 para 4			Compliance Askinged	4.2.2.3.3 para 4
Boot Control Manual Control Manual Control Manual Control Manual Control Manual				Any door control device, and other equipment inside the toilet		Any door control device and other equipment in the toilet (except	there is only the PRM compliant toilet	Compliance Achieved	
Notice for straining of the strain	14(b)	than 15 newtons;	4.2.2.6.2 para 5		5.3.2.2 para 3				5.3.2.2 para 3
Sign Windle data 23.2 and M Address of Marked Marke		handholds in the toilet cubicle shall be					there is only the PRM compliant toilet	Compliance Achieved	
Image: set in the set in th	14(c)		4.2.2.6.2 para 10		5.3.2.2 para 6			Compliance Achieved	5.3.2.2 para 6
Image: specify of the section of t							there is only the PRM compliant toilet		
Build with with with any start is a with a		(d) the immediate surround of a control device							
Image: second data static activity of protect datactity of protect data static activity of protect data		with that control device and with the part of		device shall be provided, making use of pictograms and shall					
Appendix the stand and appendix for a stand appendix fo	14(d)	the toilet cubicle on which it is mounted;	4.2.2.6.2 paras 6 & 7	Any control device, including flushing system, shall be	5.3.2.2 para 5			Compliance Achieved	5.3.2.2 para 5
Image: Part of the control best best best best best best best best		(e) a control device inside a toilet cubicle shall			5.3.2.2 para 4				5 3.2.2 para 4
No. No. Description objection Description objection objection Description objection objection objection Description objection ob	14 (e	be so constructed as to be identifiable by	4.2.2.6.2 paras 6 & 7	device shall be provided, making use of pictograms and shall					
KA Description requirement 2.2.2 µrs2 Terminane documber with the Motion 1.2.2 µrs2 Terminane documber with the Motion Mark to Can 113/12/2010/17/2010 Comparison of Can 113/12/2010/17/2010/17/2010 Comparison of Can 113/12/2010/17/2010/17/2010 Comparison of Can 113/12/2010/17/2010/17/2010 Comparison of Can 113/12/2010/17							there is only the PRM compliant toilet	Compliance Achieved	
Note Note which address price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if and a large of a price digitant is along a good if along a good if a price digitant is along a good if along a good if a price digitant is along a good if along a good if along a good if a price digitant is along a good if along a go	N/A	No equivalent requirement	4.2.2.6.2 para 2	The minimum door useable width shall be 500mm	5.3.2.3 para 2	The minimum door useable width shall be 500mm		Compliance Asklausi	5.3.2.3 para 2
NA Requirement 2.2.5 pag 1 adjoint the stating and the seath ball. 5.1.3 pag 1 small control description 5.2.3 pag 3 Vehicle year synthetic year page 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best regulated register with deep 1 with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1) best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2) and [1] best register with a specific year page 1 (2)				A fixed vertical and/or horizontal handrail shall be provided			there is only the PRM compliant toilet		
Image: second		No equivalent requirement	4.2.2.6.2 para 8		5.3.2.3 para 3				5.3.2.3 para 3
According to the length of the run, scaleding boochow or built of participant of the participant of the run in the length of the run, scaleding boochow or built of participant of the run in the length of the run, scaleding boochow or built of participant of the run in the length of the run, scaleding boochow or built of participant of the run in the length of the run, scaleding boochow or built of participant of the run in the length of the run, scaleding boochow or built of the run in the length of the run, scaleding boochow or built of the run in the length of the run in the run in th							general arrangement. There are two	Compliance Achieved	
i i							wheelchair spaces.		
Subject to paragraphs (1) and (2) blows of a trans shall been for the first mome of a trans shall be mome of the first mom									
of a transform of a				Less than 30m 1 wheelchair space		Less than 30m 1 wheelchair space			
A turner with accommodation to 100 or more previous shift contain not test than the owner whetchair spaces. A turner with accommodation to 100 or more previous shift contain not test than the owner previous shift contained test than the owner or previous shift contained test test than the test than the owner shift contained test test than than the test than the owner of the true, excluding test test than the owner shift contained test than the owner shift contained test test than the owner of the true, excluding test test than the owner owner shift contained test test than the test test than the owner test test than the test than the numbeed of whetchair spaces test than the test than thes	15/1)	of a train shall contain not less than one	4222	205 to 300m 3 wheelchair spaces	4222	205 to 300m 3 wheelchair spaces			4 7 7 7 2 2 2 2 2 2
15(2) whetch air spaces. Incl	1)(1)	A tramcar with accommodation for 100 or	4.2.2.3	whore than 500m 4 wheelchair spaces	9.2.2.2 para 1	where than soom 4 wheelchair spaces			⊶.∠.∠.∠ µara 1
specified According to the length of the unit, excluding the l	15(2)						Refer to drawing no. PB-CO-2121045 for	Compliance Achieved	
Subject to paragraph (d) where a train consists of a number of regulated rail vehicles shown in column A, there all be in hat rain not esis than the number of wheelchair spaces shown in column B oposite that number of wheelchair spaces shown in column B oposite that number of wheelchair spaces than the number of wheelchair spaces shown in column B oposite that number of wheelchair spaces 205 to 300m 3 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces 205 to 300m 3 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces here has 100m 4 wheelchair spaces Ref to drawing no. PE-C0-212045 for spaces has 10 mb (bing table) Ref to drawing no. PE-C0-212045 for spaces has 10 mb (bing table) Ref to drawing no. PE-C0-212045 for spaces has 10 mb (bing table) Ref to drawing no. PE-C0-212045 for spaces has 10 mb (bing table) Ref to drawing no. PE-C0-212045 for spaces has 10 mb (bing table) Ref to drawing no. PE-C0-212045				power head. there shall be in that train not less than the		power head, there shall be in the unit not less than the number of			
of a number of regulated nail vehicles shown in the number of whele/hair spaces shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the number of whele/hair spaces shown is a speech shown in the shown is the length of the len		Subject to paragraph (A) where a best							
than the number of whee/chair spaces 205 0300m 205 0300m 3 whee/chair spaces Cold A 15(3) in column 8 opposite that number of whele/hair 2.2.2 More than 300m 4 wheel/chair spaces Refer to drawing no. PP-CO-21210A5 fm Compliance Achieved 15(3) In wheel/mair spaces A coording to the length of the unit, excluding loomstrive or power head, there shall be in that unit not less than the number of vehel/mair spaces Refer to drawing no. PP-CO-21210A5 fm Compliance Achieved Second to the length of the unit, excluding the loomstor of power head, there shall be in that unit not less than the number of vehel/mair spaces Refer to drawing no. PP-CO-21210A5 fm Compliance Achieved Second to the length of the unit, excluding the loomstor of power head, there shall be in the unit not less than the number of wheel/hair spaces Refer to drawing no. PP-CO-21210A5 fm Compliance Achieved Second to the length of the unit, excluding the loomstor of power head, there shall be in the unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note that unit not less than the number of wheel/hair spaces Note wheel/hair spaces Note wheel		of a number of regulated rail vehicles shown in		Less than 30m 1 wheelchair space		Less than 30m 1 wheelchair space			
Image: set in the set in	15(3)	than the number of wheelchair spaces shown	4.2.2.3	205 to 300m 3 wheelchair spaces	4.2.2.2 para 1	205 to 300m 3 wheelchair spaces			4.2.2.2 para 1
Image: sec: sec: sec: sec: sec: sec: sec: se							general arrangement. There are two	Compliance Achieved	
A B 2.7 velcka 2 welchair space 3.1 velcla 3 welchair space 2.1 velcka 3 welchair space 2.7 velcka 3 whelchair space 2.1 velcka 3 whelchair space 2.0 ronor velicle 4 welchair space 12 or more velicle 10 or more velicle 12 or mo							wheelchair spaces.		
2.7 velicles 2 wheelchair spaces 8.1 velicles 3 wheelchair spaces 9.1 velicles 3 wheelchair spaces 10 velicles 3 wheelchair spaces 10 velicles 3 wheelchair spaces 10 velicles 4 velechair spaces 10 velicles 1 velicles 10 velicles 1		А В							
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, three shall be not test shan one wheelchair space in each class of passenger accommodation in that train. N/A No equivalent requirement N/A No equivalent requirement 15(4) train. N/A No equivalent requirement N/A No equivalent requirement No equivalent requirement Not applicable Wheelchair space Specifications A wheelchair space shall comply with the Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train the classes of passenger accommodation in that train. Not applicable Image: Complex classes of passenger accommodation in that train the classes of passenger		8-11 vehicles 3 wheelchair spaces		30 to 205m2 wheelchair spaces205 to 300m3 wheelchair spaces		30 to 205m2 wheelchair spaces205 to 300m3 wheelchair spaces			
krain 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 of the class of passenger accommodation in that train. NA Nequivalent regulated regradient regradient regradient regulated regulated regradient regu		12 or more vehicles 4 wheelchair spaces	4.2.2.3	More than 300m 4 wheelchair spaces	4.2.2.2 para 1	More than 300m 4 wheelchair spaces			4.2.2.2 para 1
krain 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 of the class of passenger accommodation in that train. NA Nequivalent regulated regradient regradient regradient regulated regulated regradient regu									
be not less than one wheelchair space in each class of passenger accommodation in that class of passenger accommodation in the passenger accommodation in the passenger accommodation in that class of passenger accommodation in the passenger accommodatin the passenger accommodation in the passenge		train are provided for a different class of passenger accommodation from another							
15(4) Vind No equivalent requirement N/A No equivalent requirement No equivalent requival		be not less than one wheelchair space in each							
A wheelchair space shall comply with the		train.	N/A	No equivalent requirement	N/A	No equivalent requirement		Not applicable	
16(1) following specifications:		A wheelchair space shall comply with the							

			-			-		
						Refer to drawing no. PB-C0-2121045 for general arrangement and PB-C0-2121046 for the seating layout. There are two	Compliance Achieved	
			To ensure stability, the wheelchair space shall be designed for the wheelchair to be positioned either facing or back to the			compliant wheelchair spaces.		
			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 tip-up or foldable seat,					
			or a partition. If surface 2 is the front edge of a passenger seat cushion in a					
			facing arrangement and if this seat can be occupied by a passenger, the minimum distance shall be not less than 300mm.		To ensure stability, the wheelchair space shall be designed for the wheelchair to be positioned either facing or back to the direction			
	(a) the space shall be not less than 1300mm long measured in the longitudinal plane of the		If surface 2 is a passenger seat back in a uni-directional		of travel.			
16(1)(a)	regulated rail vehicle and not less than 750mm wide measured in the transverse plane of that vehicle:	4.2.2.3 paras 2, 6, 7 & 8	arrangement, or a partition or a closed tip-up or foldable seat in front of wheelchair space , the minimum distance shall be not less than 200mm (see Figure 6)	4.2.2.2 para 2 4.2.2.2 para 4	The minimum distance in the longitudinal plane between the back of the wheelchair space and the next surface shall be in accordance with Appendix I, figures I1 to I3.			4.2.2.2 para 2 4.2.2.2 para 4
	(b) subject to regulation 18 there shall be no obstruction of the space between the floor and		There shall be no obstruction of the designated space between the floor and the ceiling of the vehicle other than an overhead		There shall be no obstruction of the designated space between the floor and the ceiling of the vehicle other than an overhead luggage		Compliance Achieved	
16(1)(b)	the ceiling of the regulated rail vehicle, other than an overhead luggage rack or an openable window (if fitted);	4.2.2.3 para 5	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.	4.2.2.2 para 5	rack, a horizontal handrail in accordance with the requirements of point 4.2.2.9 attached to the wall or celing of the vehicle, or a table.			4.2.2.2 para 5
	(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					PB-C0-2121326 for the wheelchair stub partition and PB-C0-2121046 for the back of the UAT module	Compliance Achieved	
	preventing a reference wheelchair, which has been positioned with its back against the		There shall be a structure or other acceptable fitting 700mm		The back of the wheelchair space shall be a structure or other			
	structure or fitting, from moving or tipping towards the structure or fitting, whether or not that movement or tip includes a sideways		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		acceptable fitting of at least 700mm wide. 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			
l6(1)(c)	movement or tip;	4.2.2.3 para 10	against the structure or fitting, from tipping over backwards.	4.2.2.2 para 6	fitting, from tipping over backwards.		Compliance Achieved	4.2.2.2 para 6
	(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				It is not allowed to install any permanent equipment such as bike hooks or ski racks into the wheelchair space or directly in front of			
L6(1)(d)	or an openable window (if fitted); e) the space shall be fitted with a device which shall:	Not applicable	No equivalent requirement	4.2.2.2 para 8	it.		Compliance Achieved	4.2.2.2 para 8
	(i) enable a disabled person in a wheelchair to communicate with a person who is in a				The wheelchair space shall be fitted with a call for aid device that			
16(1)(e)	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.	4.2.2.2 para 11	shall, in the event of danger, provide to a wheelchair user the possibility to inform a person who can take appropriate action.			4.2.2.2 para 11
	 (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.	4.2.2.2 para 12	The call for aid device shall be placed within the comfortable reach range of the person using the wheelchair as shown in Appendix L, figure L1.		Compliance Achieved	4.2.2.2 para 12
	(iii) be operable by the palm of a person's hand; and		The alarm device shall not be placed within a narrow recess or any other form of shielding which prevents immediate palm		The call for aid device shall not be placed within a narrow recess which prevents immediate intentional palm operation but can be		Compliance Achieved	
	(iv) not require a force greater than 30	4.2.2.3 para 14	operation. The alarm devices shall be operable by the palm of a person's	4.2.2.2 para 13	protected from unintentional use. A call for aid device shall be operable by the palm of a person's		Compliance Achieved	4.2.2.2 para 13
	newtons for operation.	5.4.2 para 5	hand and shall not require a force exceeding 30N to operate. When the alarm device has been activated a visual and audible		hand and not require a force exceeding 30N to operate. A call for aid device shall be emit a visual and audible indication to		Compliance Achieved	5.3.2.6 para 5
N/A	No equivalent requirement (f) a sign conforming to diagram C in the	4.2.2.3 para 13	indication that the alarm system is working shall be provided.		the user that it has been operated.	Refer to drawing PB-C0-2121650.	Compliance Achieved	5.3.2.6 para 3
16(1)(f)	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 the wheelchair space.	4.2.2.2 para 15	A sign confirming to appendix N shall be placed immediately next to, or in the wheelchair space so as to identify the space as the wheelchair space.			4.2.2.2 para 15
	(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 stowed position, shall not encroach on the dimensional requirements of the wheelchair space.	4.2.2.2 para 7	Tip-up seats may be installed in the wheelchair space but, when in the stowed position, shall not encroach on the dimensional requirements of the wheelchair space.		Compliance Achieved	4.2.2.2 para 7
16(2)(a)	(b) When folded or tipped up those seats shall		Tip-up or folding seats may be installed in the wheelchair space but, when in the stowed position, shall not encroach on		Tip-up seats may be installed in the wheelchair space but, when in the stowed position, shall not encroach on the dimensional		Compliance Achieved	
16(2)(b)	not project into the space.	4.2.2.3 para 9	the dimensional requirements of the wheelchair space.	4.2.2.2 para 7	requirements of the wheelchair space.		Compliance Achieved	4.2.2.2 para 7
			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		At least one seat shall be available either adjacent to or facing to each of the wheelchair spaces for a companion to travel with the wheelchair user. This seat shall offer the same level of comfort as			
N/A Sleeping Accommoda	No equivalent requirement	4.2.2.3 para 11	as other seats, and may also be situated on the opposing side of the clearway.	4.2.2.2 para 9	the other passenger seats, and may also be situated on the opposing side of the aisle.			4.2.2.2 para 9
Sieeping Accommoda	Subject to paragraph (2) a regulated rail vehicle		When a train is equipped with sleeping accommodation for passengers it shall provide a vehicle containing not less than					
17(1)	with sleeping accommodation for passengers shall have not less than one wheelchair- compatible sleeping compartment.	4.2.2.11 para 1	one wheelchair accessible sleeping accommodation that shall accommodate a wheelchair with the specification as defined in Annex M.	4.2.2.10 para 1	When a train is equipped with sleeping accommodation for passengers, it shall provide a vehicle containing at least one wheelchair accessible sleeping accommodation.		Not applicable	
*/	If there is more than one regulated rail vehicle with sleeping accommodation for passengers in						Not appreable	
17(2)	a train, there shall be not less thantwo wheelchair-compatible sleeping compartments in the train.	4.2.2.11 para 2	If there is more than one vehicle with sleeping accommodation for passengers in a train, there shall be not less than two wheelchair accessible sleeping compartments in the train.	4.2.2.10 para 2	If there is more than one vehicle with sleeping accommodation for passengers in a train, there shall be not less than two wheelchair accessible sleeping accommodations in the train.		Not applicable	
	The doorway into a wheelchair-compatible sleeping compartment and the space beside the bed in such a compartment shall not be				The wheelchair accessible sleeping accommodation internal space shall take in consideration the requirements of point 4.2.2.6 for actions expected from the wheelchair user in the sleeping			
17(3)	less than 850mm wide.	Not applicable	No equivalent requirement If a rail vehicle provides wheelchair accessible sleeping	4.2.2.10 para 4	accommodation. If a rail vehicle provides wheelchair accessible sleeping		Not applicable	
N/A	No equivalent requirement	4.2.2.11 para 3	accommodation the exterior of the relevant vehicle door shall be marked with a sign in accordance with Annex N Clauses N.3 and N.4.	4.2.2.10 para 3	accommodation, the exterior of the relevant vehicle door and the wheelchair accessible sleeping accommodation door shall be marked with a sign in accordance with appendix N.		Not applicable	
			The sleeping accommodation shall be fitted with not less than		The sleeping accommodation shall be fitted with not less than two			
			two alarm devices that shall, in the event of danger enable, a PRM to inform a person who can take appropriate action. One shall be placed not more than 450 millimetres above the floor,		call for aid devices that shall, when operated, send a signal to a person who can take appropriate action; they need not initiate a communication.			
			measured vertically from the surface of the floor to the top of the control. The other shall be not less than 600 millimetres and not more than 800 millimetres above the floor measured	4.2.2.10 para 5	The interface of the call for aid devices shall be as defined in point 5.3.2.6.			
N/A	No equivalent requirement	4.2.2.11 para 4	vertically to the top of the control.	4.2.2.10 para 6	One call for aid device shall be placed not more than 450mm		Not applicable	
			The lower alarm device shall be positioned so that the control can be reached comfortably by a person lying on the floor. These two devices shall be located on different vertical		above the floor, measured vertically from the surface of the floor to the centre of the control. It shall be positioned so that the control can be reached by a person lying on the floor.			
			surfaces of the sleeping accommodation. The alarm devices shall be distinct from any other control within the sleeping accommodation and be coloured differently from other	4.2.2.10 para 7	The other call for aid device shall be not less than 600mm and not more than 800mm above the floor measured vertically to the			
N/A	No equivalent requirement	4.2.2.11 para 5	control devices. A sign conforming to Annex N Clauses N.3 and N.7 shall be	4.2.2.10 para 8	more than 800mm above the floor measured vertically to the centre of the control.		Not applicable	
			placed immediately next to each alarm device. The sign shall describe the function and required actions and shall contrast with its background and have clear visual and tactile					
N/A	No equivalent requirement	4.2.2.11 para 6	information. A visual and audible indication that the alarm device has been				Not applicable	
N/A Tables	No equivalent requirement	4.2.2.11 para 7	operated shall be provided within the sleeping accommodation.	5.3.2.6 para 3	A call for aid device shall emit a visual and audible indication to the user that it has been operated.		Not applicable	
	If tables or trays (whether fixed or folding) are fitted for the use of passengers at not less than 10% of the costs (well ding priority costs) in a							
	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							
18(1)	space in that vehicle by a disabled person in a wheelchair. The operator of a regulated rail vehicle shall	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	provide assistance to erect a removable or folding table or tray in a wheelchair space at							
18(2)	the request of or on behalf of a disabled person in a wheelchair. There shall be no obstruction in the space	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
	beneath the table-top other than a table-leg positioned so that the unobstructed space							
	beneath the table is not less than 700mm wide when measured at a right angle to the direction in which the wheelchair faces when							
18(3)	facing the table.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
8(4)	The lowest point on the underside of the table- top shall be not less than 720mm vertically above the floor of the regulated rail vehicle.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
Wheelchair-compatik	be doorways A regulated rail vehicle in which there is a wheelchair space or wheelchair-compatible					See drawing no. PB-CO-2121344 which shows 800mm between grab poles	Compliance Achieved	
	sleeping compartment shall be fitted with a wheelchair-compatible doorway on each side							
19(1)	of the vehicle in which there is a door for the use of passengers. The width of the opening of a wheelchair-	4.2.2.4.2 para 4	The designated wheelchair exterior accessible doorways shall be the closest doorways to the designated wheelchair spaces.	4.2.2.3.2 para 4	The designated wheelchair exterior accessible doorways shall be the closest doorways to the designated wheelchair spaces.	See drawing no. PB-C0-2121344 which	Compliance Achieved	4.2.2.3.2 para 4
19(2)	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.	4.2.2.3.2 para 1	All exterior passenger doorways shall have a minimum clear useable width of 800mm when open.	shows 800mm between grab poles		4.2.2.3.2 para 1
	A sign conforming to diagram C in the Schedule					Refer to drawing CR-C0-2305269.	Compliance Achieved	
	shall be marked on the exterior of the regulated rail vehicle on not less than one side of the wheelchair-compatible doorway, or on							
	the door, in such a position that it will be visible both before and after the door has	4.2.2.4.2 para 5	The door to be used for wheelchair access shall be clearly labelled with a sign in accordance with Annex N Clauses N.3	42222	The doors to be used for wheelchair access shall be clearly labelled			42222
19(3)	opened.	4.2.2.4.2 µara 5	and N.4.	4.2.2.3.2 para 5	with a sign in accordance with appendix N.	İ		4.2.2.3.2 para 5

			No steps are allowed between the vestibule of a wheelchair			No steps		
			accessible exterior door, the wheelchair space, a universal sleeping compartment and the universal toilet except for a door threshold strip that shall not exceed 15mm in height.					
			For ramps in the train the maximum slope shall not exceed the following values:					
			Length of ramp Max gradient (deg) Maximum gradient (%)					
	There shall be no step, or slope with a gradient exceeding 5% measured when the vehicle is on		> 1000 mm 4,47 8		No steps are allowed between the vestibule of a wheelchair			
	a straight and level track, in or between the wheelchair-compatible doorway and the		600mm to 1000mm 8.,5 15		accessible exterior door, the wheelchair space, a universal sleeping compartment and the universal toilet except for a door threshold			
9(4)	wheelchair space or wheelchair-compatible sleeping compartment.	4.2.2.9 paras 2 & 3	Less than 600mm 10.2 18	4.2.2.8 para 6	strip that shall not exceed 15mm in height or except in case that a lift is provided to ovecome the step.		Not applicable	
						No interior doors		
	The passageway between the wheelchair-							
	compatible doorway and the wheelchair space or wheelchair-compatible sleeping compartment shall not be less than 850mm							
	wide at any point, and shall provide a turning space adjacent to the wheelchair space or		Access to and from wheelchair spaces, wheelchair accessible					
	sleeping compartment for the disabled person in the reference wheelchair to turn the		areas and wheelchair accessible doors shall have a minimum clearway width of 800mm wide up to a minimum height of					
- (-)	wheelchair around through one hundred and eighty degrees, which turning space may incorporate the wheelchair space.	4.2.2.7 para 3	1450mm at any point. The clearway shall be arranged to permit unobstructed movement of the reference wheelchair	4.2.2.3.3 para 2	Interior doors that are made available for wheelchair users shall have a minimum clear useable width of 800mm.			
19(5) Foilets for disabled pe		4.2.2.7 para 5	as detailed in Annex M.	4.2.2.3.3 para 2	have a minimum clear useable width of sourism.		Not applicable	
	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							
20(1)	following requirements: (a) the exterior of the toilet cubicle door shall be marked with a sign conforming to diagram C		The exterior of the door shall be marked with a sign in		The exterior of the door shall be marked with a sign in accordance	Refer to IC cert 1125/2018/RST/22459/AR.	Compliance Achieved	
0(1)(a)	in the Schedule;	4.2.2.6.3.1 para 2	accordance with Annex N Clauses N.3 and N.4.	5.3.2.4 para 4	with appendix N.	Refer to IC cert	Compliance Achieved	5.3.2.4 para 4
		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.	5.3.2.2 para 2	A visual and tactile (or audible) indication shall be given inside and outside the toilet to indicate when a door has been locked.			5.3.2.2 para 2
					The toilet access door shall provide a minimum clear useable width of 800mm. Where the door is automatic or semi-automatic, it shall		Compliance Achieved	
:O(1)(b)	(b) the width of the doorway shall be not less than 850mm;	4.2.2.6.3.1 para 1	The toilet access door shall provide a minimum clear useable width of 800mm.	5.3.2.4 para 3	be possible to open it partially in order to allow a wheelchair user's assistant to leave and re-enter the toilet module.			5.3.2.4 para 3
	(c) the surface of the toilet seat when lowered shall be not less than 475mm and not more					Refer to IC cert 1125/2018/RST/22459/AR.	Compliance Achieved	
:0(1)(c)	than 485mm vertically above the floor of the toilet cubicle; (d) the toilet shall be equipped with facilities to	4.2.2.6.3.1 para 9	The surface of the toilet seat, when lowered shall be at a height of 450mm to 500mm above the floor level.	5.3.2.4 para 9	The surface of the toilet seat, when lowered, shall be at a height of 450mm to 500mm above the floor level.	Refer to IC cort	Compliance Achieved	5.3.2.4 para 9
	(d) the toilet shall be equipped with facilities to enable a disabled person in a wheelchair to wash and dry his hands without moving from		All amenities (wash basin, soap dispenser, mirror, water dispenser and hand dryer.) shall be readily accessible to a			Refer to IC cert 1125/2018/RST/22459/AR.	Compliance Achieved	
20(1)(d)	the seat of the toilet; (e) there shall be sufficient space inside the	4.2.2.6.3.1 para 10	person in a wheelchair. There shall be sufficient space inside the toilet compartment	5.3.2.4 para 10	All amenities shall be readily accessible to a wheelchair user.	Refer to IC cert	Compliance Achieved	5.3.2.4 para 10
	toilet cubicle for a reference wheelchair to be positioned in front of the toilet and to be positioned at one side of the toilet so that it is		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		There shall be sufficient energy inside the table	1125/2018/RST/22459/AR.		
	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 of the toilet seat, see figure 8a. In front of the toilet seat there shall be a minimum clear space		There shall be sufficient space inside the toilet compartment to enable a wheelchair as defined in appendix M to be manoeuvred to a position allowing both a lateral and a diagonal transfer of the			
20(1)(e)	the front or the side of the toilet;	4.2.2.6.3.1 paras 6 & 7	of 700 mm as shown in figure 8b.	5.3.2.4 para 5	wheelchair user to the toilet seat.	Refer to IC cert	Compliance Achieved	5.3.2.4 para 5
	(f) there shall be hinged handrail beside the toilet which shall:				A horizontal handrail that complies with the requirements of point	1125/2018/RST/22459/AR.		
	(i) be on the same side of the toilet as the space for the reference wheelchair;(ii) comply with the requirements in paragraph		A horizontal handrail that complies with the dimensional requirements in the clause above shall be provided at each side of the toilet seat. The handrail on the wheelchair		4.2.2.9 shall be provided at each side of the toilet seat extending to at least the leading edge of the toilet seat.			
	(2) (a), (c), (d) and (e) of Regulation 11; and (iii) comply with the specifications in diagrams D1		accessible side shall be hinged in such a way so as to enable an unobstructed transfer for the wheelchair user to and from the	5.3.2.4 para 7	The handrail on the wheelchair accessible side shall be hinged in such a way so as to enable an unobstructed transfer for the			5.3.2.4 para 7
20(1)(f)	and D2 in the Schedule.	4.2.2.6.3.1 para 8	toilet seat, see figures 9 and 10.	5.3.2.4 para 8	wheelchair user to and from the toilet seat. A horizontal handrail that complies with the requirements of point		Compliance Achieved	5.3.2.4 para 8
	(g) beside the toilet and on the opposite side to the space for the reference wheelchair there		A horizontal handrail that complies with the dimensional requirements in the clause above shall be provided at each side of the toilet seat. The handrail on the wheelchair		4.2.2.9 shall be provided at each side of the toilet seat extending to at least the leading edge of the toilet seat.	1125/2018/RST/22459/AR.		
	shall be a horizontal handrail which shall comply with the requirements in paragraph (2)		accessible side shall be hinged in such a way so as to enable an unobstructed transfer for the wheelchair user to and from the	5.3.2.4 para 7	The handrail on the wheelchair accessible side shall be hinged in such a way so as to enable an unobstructed transfer for the			5.3.2.4 para 7
20(1)(g)	of regulation 11;	4.2.2.6.3.1 para 8	toilet seat, see figures 9 and 10.	5.3.2.4 para 8	wheelchair user to and from the toilet seat.	Refer to IC cert	Compliance Achieved	5.3.2.4 para 8
			The toilet cubicle shall be fitted with not less than two alarm devices that shall, in the event of danger enable, a PRM to			1125/2018/RST/22459/AR.		
			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		The toilet cubicle shall be fitted with not less than two call for aid devices that shall, when operated, send a signal to a person who can take appropriate action; they need not initiate a			
			control. The other shall be not less than 800mm and not more than 1200mm above the floor measured, vertically to the top		communication.			
			of the control.		The interface of the call for aid devices shall be as definted in point 5.3.2.6.			
			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		One call for aid device shall be placed not more than 450mm above the floor; measured vertically from the surface of the floor			
			cubicle so that they can be reached from a range of positions.		to the centre of the control. It shall be positioned so that the control can be reached by a person laying on the floor.			
	(h) the toilet cubicle shall be fitted with not less		The alarm control shall be distinct from any other control within the toilet and be coloured differently from other control	l 5.3.2.4 para 11	The other call for aid device shall be not less than 800mm and not			5.3.2.4 para 11
	than two devices to enable a disabled person to communicate in an emergency with a person who is in a position to take appropriate		devices. A sign in accordance with Annex N Clauses N.3 and N.7 shall	5.3.2.4 para 12	more than 1100mm above the floor; measured vertically to the centre of the control.			5.3.2.4 para 12
	action, one to be placed not more than 450mm above the floor measured vertically from the		be placed immediately next to each alarm device. The sign shall describe the function and required actions and shall	5.3.2.4 para 13	These two call for aid devices shall be located on different vertical surfaces of the cubicle so that they can be reached from a range of			5.3.2.4 para 13
	surface of the floor to the top of the control device and the other to be not less than		contrast with the background and give clear visual and tactile information.	5.3.2.4 para 14	positions.			5.3.2.4 para 14
20(1)(b)	800mm and not more than 1200mm above the floor measured vertically to the top of the control;	4.2.2.6.3.1 paras 11 - 15	A visual and audible indication that the alarm system has been operated shall be provided within the toilet.	5.3.2.4 para 15 5.3.2.4 para 16	The control of the call for aid devices shall be distinct from any other control within the toilet, be coloured differently from other control devices and contrast with their background.			5.3.2.4 para 15 5.3.2.4 para 16
20(1)(h)	control; (i) each such control shall be operable by the palm of a person's hand exerting a force not		operated shall be provided within the toilet. The alarm devices shall be operable by the palm of a person's	9.9.2.4 µala 10	control devices and contrast with their background. A call for aid device shall be operable by the palm of a person's	Refer to IC cert 1125/2018/RST/22459/AR.	Compliance Achieved	2.3.2.4 µaid 10
20(1)(i)	greater than 30 newtons.	5.4.2 para 5	hand and shall not require a force exceeding 30N to operate.	5.3.2.6 para 5	hand and not require a force exceeding 30N to operate.	Refer to IC cert	Compliance Achieved	5.3.2.6 para 5
	The passageway between the wheelchair space or wheelchair-compatible sleeping compartment and that toilet cubicle, shall be		Access to and from wheelchair spaces, wheelchair accessible			1125/2018/RST/22459/AR.		
	not less than 850mm wide at any point and provide a space adjacent to that toilet cubicle		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		The toilet access door shall provide a minimum clear useable width			
	for the disabled person in the reference wheelchair to turn the wheelchair around		1450mm at any point. The clearway shall be arranged to permit unobstructed movement of the reference wheelchair		of 800mm. Where the door is automatic or semi-automatic, it shall be possible to open it partially in order to allow a wheelchair user's			
20(2)	though one hundred and eighty degrees.	4.2.2.7 para 3	as detailed in Annex M.	5.3.2.4 para 3	assistant to leave and re-enter the toilet module.	Refer to IC cert	Compliance Achieved	5.3.2.4 para 3
			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 lawsed against the		When toilets are fitted in a train a baby nappy changing facility	1125/2018/RST/22459/AR.		
			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 500mm wide and 700mm		shall be provided. If separate facilities are not provided or if separate nursery facilities are provided but are not accessible to a wheelchair user, a table shall be incorporated within the universal			
N/A	No equivalent requirement	4.2.2.6.3.2 para 1	long.	4.2.2.5 para 4	toilets. It shall be compliant with the requirements of point 5.3.2.5 The usable surface of the baby nappy changing table shall be a	Refer to IC cert	Compliance Achieved	4.2.2.5 para 5
					minimum of 500mm wide and 700mm long.	1125/2018/RST/22459/AR.		
N/A	No equivalent requirement	4.2.2.6.3.2 para 2	It shall be designed to prevent a baby from inadvertently sliding off, shall have no sharp edges and shall be able to take a minimum weight of 80 Kg	5.3.2.5 para 1 5.3.2.5 para 2	It shall be designed to prevent a baby from inadvertently sliding off, shall have no sharp edges and shall be able to take a minimum load of 80kg.			5.3.2.5 para 1 5.3.2.5 para 2
			a minimum weight of 80 Kg If the baby-change table protrudes into the accessible toilet space, it shall be possible to put it into the stowed position	5.5.2.5 µdra Z	load of 80kg. It shall be possible to put it into the stwoed position with only one	Refer to IC cert 1125/2018/RST/22459/AR.	Compliance Achieved	5.5.2.3 µaid 2
N/A Telephones - Reg 21 -	No equivalent requirement Not applicable	4.2.2.6.3.2 para 3	using a force not exceeding 25 Newtons.	5.3.2.5 para 3	hand, using a force not exceeding 25N.			5.3.2.5 para 3
nternal Doorways						No interior doors		
	A doorway (other than an external doorway in							
	the side or the end of a regulated rail vehicle) through which a disabled person in wheelchair							
	must pass to reach a wheelchair space, a wheelchair-compatible sleeping compartment,							
	or the nearest toilet or tolophone to that		Door openings that are made available for wheelchair users		Interior doors that are made available for wheelchair users shall have a minimum clear useable width of 800mm.		Not applicable	
2(1)	or the nearest toilet or telephone to that space or compartment shall be not less than 850mm wide.	4.2.2.4.3.1 para 3	shall have a minimum clear useable width of 800mm.	4.2.2.3.3 para 2	have a minimum clear useable width of 800mm.			
2(1)	or compartment shall be not less than 850mm wide. A doorway in the end of a vehicle through which a disabled person in a wheelchair must	4.2.2.4.3.1 para 3		4.2.2.3.3 para 2		No interior doors		
2(1)	or compartment shall be not less than 850mm wide. 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	4.2.2.4.3.1 para 3		4.2.2.3.3 para 2	nave a minimum clear useable widur or ocomm.	No interior doors		
	or compartment shall be not less than 850mm wide. 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 toile to relephone to that compartment or space shall be not less than		shall have a minimum clear useable width of 800mm.		Interior doors that are made available for wheelchair users shall	No interior doors		
22(1)	or compartment shall be not less than 850mm wide. 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	4.2.2.4.3.1 para 3 4.2.2.4.3.1 para 3	shall have a minimum clear useable width of 800mm. Door openings that are made available for wheelchair users shall have a minimum clear useable width of 800mm.	4.2.2.3.3 para 2 4.2.2.3.3 para 2		No interior doors No interior doors	Not applicable	
	or compartment shall be not less than 850mm wide. 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 toile to relephone to that compartment or space shall be not less than		shall have a minimum clear useable width of 800mm.		Interior doors that are made available for wheelchair users shall			

	When a wheelchair-compatible doorway in a regulated rail vehicle is open at a platform at a							
	station or a tram stop, a boarding device must be fitted between that doorway and the		When a wheelchair-compatible doorway in a train is intended to be open, in normal operation, at a platform at a station that					
	platform or stop if a disabled person in a wheelchair wishes to use that doorway, unless		has obstacle free access routes in accordance with 4.1.2.3.1, a boarding aid shall be provided to be used between that					
	the gap between the edge of the door sill of that doorway and the edge of the platform or		doorway and the platform to allow a passenger in a wheelchair to board or alight, unless it is demonstrated that the gap					
	stop is not more than 75mm measured horizontally and not more than 50mm		between the edge of the door sill of that doorway and the edge of the platform is not more than 75mm measured					
23(1)	measured vertically. The surface of a boarding device shall be slip-	4.2.2.12.3.2 para 1	horizontally and not more than 50mm measured vertically. The device surface shall be slip resistant and shall have an	Not applicable	No equivalent requirement all steps for access and egress shall be slip resistant and shall have		Not applicable	
23(2)	resistant. No boarding device other than a lift or a ramp	4.2.2.12.3.3 para 4	effective clear width as large as the doorway width.	4.2.2.11.2 para 1	an effective clear width as large as the doorway width.		Compliance Achieved	4.2.2.11.2 para 1
23(3)	shall be used.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
23(4)	If a regulated rail vehicle is fitted with a lift it shall comply with the following requirements:							
	(a) the lift-platform shall be not less than 750mm wide measured parallel to the side of							
	the vehicle and not less than 1200mm long measured at a right angle to the side of the							
23(4)(a)	vehicle; (b) the lift-platform shall be capable of							
23(4)(b)	supporting a weight of not less than 300kg (excluding its own weight);							
	23(4)(c) (c) the surface of the lift-platform shall							
	be marked by a strip of colour, which shall abut the edges of that surface, be not less than							
	50mm wide and contrast with the remainder of the surface, and the platform shall be coloured							
	on each side with that colour; (d) the lift-platform shall not travel up or down							
23(4)(d)	at a speed in excess of 150mm per second; (e) the lift-platform shall rest on the surface of							
23(4)(e)	the platform of the station or tram stop when it has been fully lowered;							
25(4)(8)	(f) unless the lift-platform is in its fully wheelchair shall be prevented from rolling off							
	the platform by a lowered position the device with a height of not less than 100mm above							
23(4)(f)	the surface of the lift-platform;							
	(g) the lift-platform shall be fitted with sensors capable of stopping the movement of the lift-							
23(4)(g)	platform if it comes into contact with any thing or person whilst it is in motion;							
	(h) the lift shall be operable only by persons							
	(other than passengers) who are authorised to operate it by the operator of the vehicle and							
23(4)(h)	who shall provide assistance by operating it for disabled persons in wheelchairs.							
23(5)	If the regulated rail vehicle is fitted with a power-operated ramp:							
	(a) if the ramp is to be operated by a disabled							
	person in a wheelchair the control button for that ramp shall be adjacent to the wheelchair-							
23(5)(a)	compatible doorway and within reach of a person in a reference wheelchair;							
	(b) the ramp shall be fitted with a sensor along the edge furthest from the vehicle capable of stopping the movement of that ramp if it							
23(5)(b)	stopping the movement of that ramp if it comes into contact with any thing or person whilst the ramp is in movement;							
	(c) the ramp is in movement;(c) the ramp shall be incapable of movement in any plane if the surface of the ramp is							
23(5)(c)	subjected to a load of 15kg or more; d) the operator of the vehicle shall provide							
	assistance to the disabled person in a wheelchair using the ramp unless the gradient							
23(5)(d)	of the ramp above the horizontal plane is 8% or less;							
	 (e) the ramp shall not be operable by a passenger unless the vehicle has stopped at a 							
23(5)(e)	station, a stop in a street or another place to which the public have access.							
	If the regulated rail vehicle is not fitted with a		An access ramp shall be either positioned manually by staff			Portaramp part number RR.1675.768 BR cat number: 015/902532	Compliance Achieved	
	lift or a power-operated ramp, the operator of the vehicle shall provide assistance in		whether stored on the station platform or on board, or deployed semi-automatically by mechanical means, operated		An access ramp shall either be positioned manually by staff or deployed semi-automatically by mechanical means, operated by			
23(6)	deploying and using a separate ramp. A ramp (whether power-operated or not) shall	4.2.2.12.3.6 para 3	by staff or by the passenger.	5.3.2.9 para 3	staff or by the passenger.			5.3.2.9 para 3
23(7)	when in use:		When in use for boarding or alighting, the ramp shall be		When in use for boarding or alighting, the ramp shall be secured in		Compliance Achieved	
23(7)(a)	(a) be fixed securely to the regulated rail vehicle;	4.2.2.12.3.6 para 7	secured in use so that it is not subject to displacement when loading or unloading.	5.3.2.9 para 8	use so that it is not subject to displacement when loading or unloading.	for the wheelchair ramp housing		5.3.2.9 para 8
	(b) be not less than 800mm wide and not wider than the opening of the wheelchair-		The ramp surface shall be slip resistant and shall have an	5 0 0 0 m m 5	The ramp surface shall be slip resistant and shall have an effective	Portaramp part number RR.1675.768 BR cat number: 015/902532	Compliance Achieved	
23(7)(b)	compatible doorway; (c) have along each side which is not to be	4.2.2.12.3.6 para 4	effective clear width of a minimum of 760mm.	5.3.2.9 para 5	clear width of a minimum of 760mm.	Portaramp part number RR.1675.768	Compliance Achieved	5.3.2.9 para 5
22(7)(-)	crossed by the wheelchair a protective rim standing at least 50mm higher than the surface of the rame.		Ramps shall have raised edges on both sides to prevent	5.3.2.9 para 6	Ramps having a clear width of less than 1000 mm shall have raised edges on both sides to prevent mobility aid wheels from slipping off.	BR cat number: 015/902532		5 2 2 0 para 6
23(7)(c)	of the ramp;	4.2.2.12.3.6 para 5	mobility aid wheels from slipping off.	5.3.2.9 para 6	оп.	Portaramp part number RR.1675.768 BR cat number: 015/902532	Compliance Achieved	5.3.2.9 para 6
			The device shall be capable of withstanding a concentrated downward vertical load of 2 kN this shall be applied on an			2 OK HUHIDEL OT3/307237		
			surface area of 100 mm * 200 mm at any position on the exposed step surface without causing permanent					
			deformation; The device shall be capable of withstanding on its exposed					
	(d) be capable of supporting a weight of not		surface a distributed downward vertical load of 4 kN per metre of step length without causing significant permanent		Ramps shall withstand a weight of at least 300 kg, placed at the			
23(7)(d)		4.2.2.12.3.3 para 1 & 2	deformation. When in use for boarding or alighting, the ramp shall be	5.3.2.9 para 2	centre of the ramp distributed over an area of 660mm by 660mm. When in use for boarding or alighting, the ramp shall be secured in		Compliance Achieved	5.3.2.9 para 2
23(7)(e)	(e) rest its outer edge securely on the surface of the platform of the station or tram stop; and (f) he marked on its upper surface by a strip of	4.2.2.12.3.6 para 7	secured in use so that it is not subject to displacement when loading or unloading.	5.3.2.9 para 8	use so that it is not subject to displacement when loading or unloading.	for the wheelchair ramp housing	Compliance of the	5.3.2.9 para 8
	(f) be marked on its upper surface by a strip of colour, which shall abut the edge of that surface shall be not less than 50mm wide and					Portaramp part number RR.1675.768.01 BR cat number: 015/902532	Compliance Achieved	
	surface shall be not less than 50mm wide and shall contrast with the remainder of that surface, and be coloured on each side with that		The upstands at both ends of the ramp shall be bevelled and shall not be higher than 20mm. They shall have contrasting		The upstands at both ends of the ramp shall be bevelled and shall not be higher than 20mm. They shall have contrasting hazard			
23(7)(f)	colour.	4.2.2.12.3.6 para 6	hazard warning bands.	5.3.2.9 para 7	warning bands.			5.3.2.9 para 7
			If the boarding device is power operated the boarding aid shall					
	A boarding device which is power-operated shall also be operable manually, and the		incorporate an emergency method of manual operation should power fail. Such a method shall be capable of being					
23(8)	operator shall provide assistance for such manual operation if the power-operation fails.	4.2.2.12.3.6 para 2	operated in a non-hazardous manner for both occupant and the operator.	Not applicable	No equivalent requirement		Not applicable	
	A boarding device which is power-operated		In the case of the moving step extending beyond that		In the case of the moving step extending beyond that permitted by			7
23(9)	shall not be capable of being deployed unless the vehicle to which it is fitted is stationary.	4.2.2.12.3.5 para 3	permitted by the gauging rules, the train shall be immobilised whilst the step is extended.	4.2.2.12.1	the gauging rules, the train shall be immobilised whilst the step is extended.		Not applicable	
	A boarding device which is carried by a rail		A secure compartment shall be provided to ensure that stowed ramps, including portable ramps, do not impinge on a					
23/10)	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 6 000 9	stowed 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.	Not applicable	No equivalent requirement		Not applicable	
23(10)	ensuinger enclaurery or persons in that venicle.		passengers in the event of a sudgen stop. A ramp slope shall have a maximum value of 10.2° (18%) this		Ramps shall be designed and assessed for an area of use defined	Dependant on the platform height the slope may be slightly above the TSI	- Not applicable	
Catering		4.2.2.12.3.6 para 9		5.3.2.9 para 1	by the maximum vertical gap they can overcome within a maximum slope of 18%	slope may be slightly above the TSI requirements.	Dispensation Required	5.3.2.9 para 1
	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							
24	reasonably equivalent catering service to that person in that space or compartment.	Not applicable	No equivalent requirement	Not applicable	No equivalent requirement		Not applicable	
Throughways			From the vehicle entrance the minimum clearway width			Refer to drawing number PB-C0-2121046	Compliance Achieved	
			through the vehicle shall be 450mm from floor level to a height of 1000mm and 550mm from a height of 1000mm to					
N/A	No equivalent requirement	4.2.2.7 Para 1	1950mm	1	1	l		4.2.2.6 para 1