EUROPEAN UNION AGENCY FOR RAILWAYS

Making the railway system
work better for society.

TSI revision 2022
Digital Rail and Green Freight

Changes proposed to the items for the register of infrastructure

Based on the table 1 of Commission Implementing Regulation (EU) 2019/777

Version	*Date*	*Comments*
1.0	18 March 2022	Version for consultation. The table lists the proposed evolution of the table 1 of the RINF Regulation.

Items for the register of infrastructure (RINF)

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1	MEMBER STATE					
1.1	SECTION OF LINE					
1.1.0.0.0	Generic information					
1.1.0.0.0.1	Infrastructure manager (IM)'s code	[AAAA]	Infrastructure manager means anybody or undertaking that is responsible in particular for establishing and maintaining railway infrastructure or a part thereof.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.0.0.0.2	National line identification	CharacterString	Unique line identification or unique line number within Member State.	X		In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.1.0.0.0.3	Operational point at start of section of line	Predefined CharacterString	Unique OP ID at start of section of line (kilometres increasing from start OP to the end OP).	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.0.0.0.4	Operational point at end of section of line	Predefined CharacterString	Unique OP ID at end of section of line (kilometres increasing from start OP to the end OP)	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.0.0.0.5	Length of section of line	Predefined CharacterString	Length between operational points at start and end of section of line.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.0.0.0.6	Nature of Section of Line	Single selection from the predefined list: Regular SoL/Link	Kind of section of line expressing size of presented data which depends on fact whether it connects OPs generated by division of a big node into several OPs or not.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1	RUNNING TRACK					
1.1.1.0.0	Generic information					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.0.0.1	Identification of track	CharacterString	Unique track identification or unique track number within section of line	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.0.0.2	Normal running direction	Single selection from the predefined list: N/O/B	The normal running direction is: —the same as the direction defined by the start and end of the SoL: (N) —the opposite to the direction defined by the start and end of the SoL: (O) —both directions: (B)	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1	Infrastructure subsystem					
1.1.1.1.1	Declarations of verification for track					
1.1.1.1.1.1	EC declaration of verification for track relating to compliance with the requirements from technical specifications for interoperability (TSIs) applicable to infrastructure subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250 ([1]).			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.1.2	EI declaration of demonstration (as defined Commission 2014/881/EU ([2])) for track relating to compliance with the requirements from TSIs applicable to	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	infrastructure subsystem		Regulation (EU) 2019/250.			
1.1.1.1.2	Performance parameters					
1.1.1.1.2.1	Trans-European Network (TEN) classification of track	Single selection from a predefined list	Indication of the part of the trans-European network the line belongs to.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.2.1.2	TEN geographic information system identity (GIS ID)	CharacterString	Indication of the GIS ID of the section of TEN-T database to which the track belongs			1 January 2021
1.1.1.1.2.2	Category of line	Single selection from a predefined list	Classification of a line according to the INF TSI – Commission	X		In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			Regulation (EU) No 1299/2014 ([3])			2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.2.3	Part of a Railway Freight Corridor	Single selection from a predefined list	Indication whether the line is designated to a Railway Freight Corridor			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.2.4	Load capability	Single selection from a predefined list	A combination of the line category and speed at the weakest point of the track	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.2.4.1	National classification for load capability	CharacterString	National classification for load capability		X	16 January 2020
1.1.1.1.2.4.2	Compliance of structures with the High Speed Load Model (HSLM)	Single selection from the predefined list: Y/N	For sections of line with a maximum permitted speed of 200 km/h or more. Information regarding the procedure to be used to perform the dynamic compatibility check		X	16 January 2020
1.1.1.1.2.4.3	Railway location of structures requiring specific checks	Predefined CharacterString: [± NNNN.NNN] + [CharacterString]	Localisation of structures requiring specific checks		X	16 January 2020
1.1.1.1.2.4.4	Document with the procedure(s) for static and dynamic route	CharacterString	Electronic document available in two EU languages from		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	compatibility checks		the IM stored by the Agency with: —precise procedures for the static and dynamic route compatibility checks; Or —relevant information for carrying out the checks for specific structures.			
1.1.1.1.2.5	Maximum permitted speed	[NNN]	Nominal maximum operational speed on the line as a result of infrastructure, energy and control, command and signalling subsystem characteristics	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			expressed in kilometres/hour.			
1.1.1.1.2.6	Temperature range	Single selection from the predefined list: T1 (-25 to +40) T2 (-40 to +35) T3 (-25 to +45) Tx (-40 to +50)	Temperature range for unrestricted access to the line according to European standard.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.2.7	Maximum altitude	[+/-][NNNN]	Highest point of the section of line above sea level in reference to Normal Amsterdam's Peil (NAP).	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.2.8	Existence of severe climatic conditions	Single selection from the predefined list: Y/N	Climatic conditions on the line are severe according to European standard.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.3	Line layout					
1.1.1.1.3.1	Interoperable gauge	Single selection from the predefined list: GA/GB,/GC/G1/DE3/S/IRL1/none	Gauges GA, GB, GC, G1, DE3, S, IRL1 as defined in European standard.	Parameter deleted. To be displayed for information		
1.1.1.1.3.2	Multinational gauges	Single selection from the predefined list: G2/GB1/GB2/none	Multilateral gauge or international gauge other than GA, GB, GC, G1, DE3, S, IRL1 as defined in European standard.	Parameter deleted. To be displayed for information		

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.3.3	National gauges	Single selection from a predefined list	Domestic gauge as defined in European standard or other local gauge.	Parameter deleted. To be displayed for information		
1.1.1.1.3.1.1	Gauging	Single selection from a predefined list	Gauges as defined in European standard or other local gauges, including lower or upper part. In accordance with point 7.3.2.2 in Regulation (EU) No 1302/2014, sections of lines of the United Kingdom of Great Britain network may not have gauge reference profile.	X	X	16 January 2020
1.1.1.1.3.1.2	Railway location of particular	Predefined CharacterString: [± NNNN.NNN] + [CharacterString]	Location of particular points requiring specific		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	points requiring specific checks		checks due to deviations from gauging referred to in 1.1.1.1.3.1.1.			
1.1.1.1.3.1.3	Document with the transversal section of the particular points requiring specific checks	CharacterString	Electronic document available from the IM stored by the Agency with the transversal section of the particular points requiring specific checks due to deviations from gauging referred to in 1.1.1.1.3.1.1. Where relevant, guidance for the check with the particular point may be attached to the document with the transversal section.		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.3.4	Standard combined transport profile number for swap bodies	Single selection from a predefined list	Coding for combined transport with swap bodies as defined in UIC Code (for all freight and mixed-traffic lines~~if the line belongs to the TEN~~).	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest if the line belongs to the TEN TBD for other lines
1.1.1.1.3.5	Standard combined transport profile number for semi-trailers	Single selection from a predefined list	Coding for combined transport for semi-trailers as defined in UIC Code (for all freight and mixed-traffic lines~~if the line belongs to the TEN~~).	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest if the line belongs to the TEN

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						TBD for other lines
1.1.1.1.3.6	Standard combined transport profile number for containers	Single selection from a predefined list	Coding for combined transport for containers as defined in UIC Code (for all freight and mixed-traffic lines).	X		TBD
1.1.1.1.3.7	Standard combined transport profile number for roller units	Single selection from a predefined list	Coding for combined transport for roller units as defined in UIC Code (for all freight and mixed-traffic lines).	X		TBD
1.1.1.1.3.5.1	Specific information	CharacterString	Any relevant information from the IM relating to the line layout			1 January 2021
1.1.1.1.3.6	Gradient profile	Predefined CharacterString:	Sequence of gradient values	X	X	In accordance

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
		[± NN.N] ([± NNNN.NNN] repeated as many times as necessary	and locations of change in gradient			with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.3.7	Minimum radius of horizontal curve	[NNNNN]	Radius of the smallest horizontal curve of the track in metres.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.4	Track parameters					
1.1.1.1.4.1	Nominal track gauge	Single selection from the predefined list 750/1000/1435/1520/1524/1600/1668/other	A single value expressed in millimetres that identifies the track gauge.	X	X	In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.4.2	Cant deficiency	[+/-] [NNN]	Maximum cant deficiency expressed in millimetres defined as difference between the applied cant and a higher equilibrium cant the line has been designed for.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.4.3	Rail inclination	[NN]	An angle defining the inclination of the head of a rail relative to the running surface	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.1.1.1.4.4	Existence of ballast	Single selection from the predefined list: Y/N	Specifies whether track construction is with sleepers embedded in ballast or not.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.5	Switches and crossings					
1.1.1.1.5.1	TSI compliance of in service values for switches and crossings	Single selection from the predefined list: Y/N	Switches and crossings are maintained to in service limit dimension as specified in TSI.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.5.2	Minimum wheel diameter for fixed obtuse crossings	[NNN]	Maximum unguided length of fixed obtuse crossings is based on a minimum wheel diameter in service expressed in millimetres.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.6	Track resistance to applied loads					
1.1.1.1.6.1	Maximum train deceleration	[N.N]	Limit for longitudinal track resistance given as a maximum allowed train deceleration and expressed in metres per square second.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.6.2	Use of eddy current brakes	Single selection from the predefined list:	Indication of limitations on the	X	X	In accordance with

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
		Allowed/allowed under conditions/allowed only for emergency brake/allowed under conditions only for emergency brake/not allowed	use of eddy current brakes.			Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.6.3	Use of magnetic brakes	Single selection from the predefined list: Allowed/allowed under conditions/allowed under conditions only for emergency brake/allowed only for emergency brake/not allowed	Indication of limitations on the use of magnetic brakes.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.6.4	Document with the conditions for the use of eddy current brakes	CharacterString	Electronic document available in two EU languages from the IM stored by the Agency with conditions for the use of eddy current brakes		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			identified in 1.1.1.1.6.2.			
1.1.1.1.6.5	Document with the conditions for the use of magnetic brakes	CharacterString	Electronic document available in two EU languages from the IM stored by the Agency with conditions for the use of magnetic brakes identified in 1.1.1.1.6.3.		X	16 January 2020
1.1.1.1.7	Health, safety and environment					
1.1.1.1.7.1	Use of flange lubrication forbidden	Single selection from the predefined list: Y/N	Indication whether the use of on-board device for flange lubrication is forbidden.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.7.2	Existence of level crossings	Single selection from the predefined list: Y/N	Indication whether level crossings (including pedestrian track crossing) exist on the section of line.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.7.3	Acceleration allowed near level crossing	CharacterString	Existence of limit for acceleration of train if stopping or recovering speed close to a level crossing expressed in a specific reference acceleration curve.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.7.4	Existence of trackside hot axle box detector (HABD)	Single selection from the predefined list: Y/N	Existence of trackside HABD	X	X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.7.5	Trackside HABD TSI compliant	Single selection from the predefined list: Y/N	Specific for the French, Italian and Swedish networks. Trackside hot axle box detector TSI compliant.		X	16 January 2020
1.1.1.1.7.6	Identification of trackside HABD	CharacterString	Specific for the French, Italian and Swedish networks. Applicable if trackside HABD is not TSI compliant, identification of trackside hot axle box detector.		X	16 January 2020
1.1.1.1.7.7	Generation of trackside HABD	Single selection from a predefined list	Specific for the French Italian and Swedish networks. Generation of trackside hot axle box detector.		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.7.8	Railway location of trackside HABD	Predefined CharacterString: [± NNNN.NNN] + [CharacterString]	Specific for the French Italian and Swedish networks. Applicable if trackside HABD is not TSI compliant, localisation of trackside hot axle box detector.		X	16 January 2020
1.1.1.1.7.9	Direction of measurement of trackside HABD	Single selection from the predefined list: N/O/B	Specific for the French Italian and Swedish networks. Applicable if trackside HABD is not TSI compliant, direction of measurement of trackside hot axle box detector. If the direction of measurement is: —the same as the direction defined by the		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			start and end of the SoL: (N) —the opposite to the direction defined by the start and end of the SoL: (O) —both directions: (B)			
1.1.1.1.7.10	Steady red lights required	Single selection from the predefined list: Y/N	Sections where two steady red lights are required in accordance with Implementing Regulation (EU) 2019/773			1 January 2021
1.1.1.1.7.11	Belonging to a quieter route	Single selection from the predefined list: Y/N	Belonging to a 'quieter route' in accordance with Article 5b of Commission Regulation (EU) No 1304/2014 ([4]).	X		1 January 2021

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.8	Tunnel					
1.1.1.1.8.1	IM's code	[AAAA]	Infrastructure Manager means anybody or undertaking that is responsible in particular for establishing and maintaining railway infrastructure or a part thereof.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.2	Tunnel identification	CharacterString	Unique tunnel identification or unique number within Member State	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.3	Start of tunnel	Predefined CharacterString:	Geographical coordinates in	X		In accordance

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
		[Latitude (NN.NNNN) + Longitude (± NN.NNNN) + km (± N NNN.NNN)]	decimal degrees and km of the line at the beginning of a tunnel.			with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.4	End of tunnel	Predefined CharacterString: [Latitude (NN.NNNN) + Longitude (± NN.NNNN) + km (± N NNN.NNN)]	Geographical coordinates in decimal degrees and km of the line at the end of a tunnel.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.5	EC declaration of verification relating to compliance with the requirements from TSIs	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	applicable to railway tunnel					2019 at the latest
1.1.1.1.8.6	EI declaration of demonstration (as defined in Recommendation 2014/881/EU) relating to compliance with the requirements from TSIs applicable to railway tunnel	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.7	Length of tunnel	[NNNNN]	Length of a tunnel in metres from entrance portal to exit portal.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.8.8	Cross section area	[NNN]	Smallest cross section area in square metres of the tunnel			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.8.1	Compliance of the tunnel with INF TSI	Y/N	compliance of the tunnel with INF TSI at the maximum permitted speed	X		1 January 2021
1.1.1.1.8.8.2	Document available from the IM with precise description of the tunnel	CharacterString	Electronic document available from the IM stored by the Agency with precise description of the clearance gauge and geometry of the tunnel			1 January 2021

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.1.8.9	Existence of emergency plan	Single selection from predefined list: Y/N	Indication whether emergency plan exists.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.10	Fire category of rolling stock required	Single selection from the predefined list: A/B/none	Categorisation on how a passenger train with a fire on board will continue to operate for a defined time period.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.1.8.11	National fire category of rolling stock required	CharacterString	Categorisation on how a passenger train with a fire on board will continue to		X	In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			operate for a defined time period.			2014/880/EU and by 16 March 2019 at the latest
1.1.1.2	Energy subsystem					
1.1.1.2.1	Declarations of verification for track					
1.1.1.2.1.1	EC declaration of verification for track relating to compliance with the requirements from TSIs applicable to energy subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.1.2	EI declaration of demonstration (as defined Recommendation 2014/881/EU) for track relating to	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC			In accordance with Implementing Decision 2014/880/EU

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	compliance with the requirements from TSIs applicable to energy subsystem		declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			and by 16 March 2019 at the latest
1.1.1.2.2	Contact line system					
1.1.1.2.2.1.1	Type of contact line system	Single selection from the predefined list: Overhead contact line (OCL) Third Rail Fourth Rail Not electrified	Indication of the type of the contact line system.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.2.1.2	Energy supply system (Voltage and frequency)	Single selection from the predefined list: AC 25kV-50Hz/ AC 15kV-16.7 Hz/ DC 3kV/ DC 1.5 kV/ DC (Specific Case FR)/	Indication of the traction supply system (nominal voltage and frequency)	X	X	In accordance with Implementing Decision 2014/880/EU and by

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
		DC 750V/ DC 650V/ DC 600V/ other				16 March 2019 at the latest
1.1.1.2.2.1.3	Umax2 for lines referred to in point 7.4.2.2.1 of Regulation (EU) No 1301/2014.	[NNNNNN]	Specific for the French network Highest non-permanent voltage according to EN50163 for the lines referred to in point 7.4.2.2.1 of Regulation (EU) No 1301/2014.		X	16 January 2020
1.1.1.2.2.2	Maximum train current	[NNNN]	Indication of the maximum allowable train current expressed in amperes.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.2.2.3	Maximum current at standstill per pantograph	[NNN]	Indication of the maximum allowable train current at standstill ~~for DC systems~~ expressed in amperes.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest for DC systems TBD for AC systems
1.1.1.2.2.4	Permission for regenerative braking	Single selection from the predefined list: Y/N/Only if the vehicle is able to detect emergency shutdown in accordance with EN 50 388	Indication whether regenerative braking is permitted, not permitted, or permitted under specific conditions.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.2.2.5	Maximum contact wire height	[N.NN]	Indication of the maximum contact wire height expressed in metres.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.2.6	Minimum contact wire height	[N.NN]	Indication of the minimum contact wire height expressed in metres.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.3	Pantograph					
1.1.1.2.3.1	Accepted TSI compliant	Single selection from a predefined list	Indication of TSI compliant pantograph heads		X	In accordance with

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	pantograph heads		which are allowed to be used.			Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.3.2	Accepted other pantograph heads	Single selection from a predefined list	Indication of pantograph heads which are allowed to be used		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.3.3	Requirements for number of raised pantographs and spacing between them, at the given speed	Predefined CharacterString: [N] [NNN] [NNN]	Indication of maximum number of raised pantographs per train allowed and minimum spacing centre line to centre line of adjacent		X	In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			pantograph heads, expressed in metres, at the given speed.			2019 at the latest
1.1.1.2.3.4	Permitted contact strip material	Single selection from a predefined list	Indication of which contact strip materials are permitted to be used.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.4	OCL separation sections					
1.1.1.2.4.1.1	Phase separation	Single selection from predefined list: Y/N	Indication of existence of phase separation and required information.			In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.1.1.2.4.1.2	Information on phase separation	Predefined CharacterString	Indication of required several information on phase separation			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.4.2.1	System separation	Single selection from the predefined list: Y/N	Indication of existence of system separation			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.2.4.2.2	Information on system separation	Predefined CharacterString	Indication of required several information on system separation			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.4.3	Distance between signboard and phase separation ending	[N]	Specific for route compatibility check on French network. Distance between the signboard authorizing the driver to 'raise pantograph' or 'close the circuit breaker' after passing the phase separation and the end of the phase separation section.		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.2.5	Requirements for rolling stock					
1.1.1.2.5.1	Current or power limitation on board required	Single selection from the predefined list: Y/N	Indication of whether an on board current or power limitation function on vehicles is required.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.5.2	Contact force permitted	CharacterString	Indication of contact force allowed expressed in newton.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.2.5.3	Automatic dropping device required	Single selection from the predefined list: Y/N	Indication of whether an automatic		X	In accordance with

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			dropping device (ADD) required on the vehicle.			Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3	Control — command and signalling subsystem					
1.1.1.3.1	Declarations of verification for track					
1.1.1.3.1.1	EC declaration of verification for track relating to compliance with the requirements from TSIs applicable to control, command signalling subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2	TSI compliant train protection system (ETCS)					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.2.1	European Train Control System (ETCS) level	Single selection from a predefined list	ETCS application level related to the track side equipment.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2.2	ETCS baseline	Single selection from a predefined list	ETCS baseline installed lineside.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2.3	ETCS infill necessary for line access	Single selection from the predefined list: Y/N	Indication whether infill is required to access the line for safety reasons.	X		In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2.4	ETCS infill installed line-side	Single selection from the predefined list: None/Loop/GSM-R infill/Loop & GSM-R infill	Information about installed trackside equipment capable to transmit infill information by loop or Global System for Mobile communications for Railways (GSM-R) for level 1 installations.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2.5	ETCS national packet 44 application implemented	Single selection from the predefined list: Y/N	Indication whether data for national applications is transmitted between track and train.			In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.1.1.3.2.6	Existence of operating restrictions or conditions	Single selection from the predefined list: Y/N	Indication whether restrictions or conditions due to partial compliance with the CCS TSI – Commission Regulation (EU) 2016/919 [5] exist.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.2.7	Optional ETCS functions	CharacterString	Optional ETCS functions which might improve operation on the line.	Parameter deleted. To be displayed for information		
1.1.1.3.2.8	Train integrity confirmation from on-board necessary for line access	Single selection from the predefined list: Y/N	Indication whether train confirmation from on-board is required to access the line for safety reasons.		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.2.9	ETCS system compatibility	Single selection from a predefined list	ETCS requirements used for demonstrating technical compatibility		X	16 January 2020
1.1.1.3.2.10	ETCS M_version	Single selection from a predefined list	ETCS M_version according to SRS 7.5.1.9			1 January 2021
1.1.1.3.3	TSI compliant radio (~~GSM-R~~RMR)					
1.1.1.3.3.1	GSM-R version	Single selection from a predefined list	GSM-R functional requirements specification (FRS) and system requirements specification (SRS) version number installed lineside.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.3.2	Number of active GSM-R mobiles (EDOR) or	Single selection from the predefined list: 1/2	Number of simultaneous communication			In accordance with

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	simultaneous communication session on board for ETCS level 2 or level 3 needed to perform radio block centre handovers without having an operational disruption		session on board for ETCS level 2 or level 3 required for a smooth running of the train. This relates to the radio block centre (RBC) handling of communication sessions. Not safety critical and no matter of interoperability.			Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.3.3	Optional GSM-R functions	Single selection from a predefined list	Use of optional GSM-R functions which might improve operation on the line. They are for information only and not for network access criteria.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.3.3.1	Additional information on	Characterstring	Any additional information on network			1 January 2021

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	network characteristics		characteristics or corresponding document available from the IM and stored by the Agency, e.g.; interference level, leading to the recommendation of additional on-board protection			
1.1.1.3.3.3.2	GPRS for ETCS	Selection from the predefined list: Y/N	Indication if GPRS can be used for ETCS			1 January 2021
1.1.1.3.3.3.3	Area of implementation of GPRS	CharacterString	Indication of the area in which GPRS can be used for ETCS			1 January 2021
1.1.1.3.3.4	GSM-R Use of group 555	Selection from the predefined list: Y/N	Indication if group 555 is used		X	16 January 2020
1.1.1.3.3.5	GSM-R networks covered by a	Single selection from a predefined list	List of GSM-R networks which		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	roaming agreement		are covered by a roaming agreement			
1.1.1.3.3.6	Existence of GSM-R Roaming to public networks	Selection from the predefined list: Y/N In case of Y, provide the name of the public network:	Existence of roaming to a public networks			1 January 2021
1.1.1.3.3.7	Details on GSM-R roaming to public networks	Character string	If roaming to public networks is configured, please indicate to which networks, for which users and in which areas.			1 January 2021
1.1.1.3.3.8	No GSMR coverage	selection from the predefined list: Y/N	Indication if there is a no GSMR coverage	X		1 January 2021
1.1.1.3.3. 9	Radio system compatibility voice	Single selection from a predefined list	Radio requirements used for demonstrating technical compatibility voice		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.3.10	Radio system compatibility data	Single selection from a predefined list	Radio requirements used for demonstrating technical compatibility data		X	16 January 2020
1.1.1.3.3.11	FRMCS version		FRMCS baseline installed lineside.	X		
1.1.1.3.4	Train detection systems fully compliant with the TSI					
1.1.1.3.4.1	Existence of train detection system fully compliant with the TSI:	Single selection from the predefined list: Y/N	Indication if there is any train detection system installed and fully compliant with the CCS TSI — Regulation (EU) 2016/919 requirements.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.5	Train protection legacy systems					
1.1.1.3.5.1	Existence of other train protection,	Single selection from the predefined list:	Indication if other train protection,	Parameter deleted. To be displayed for information		

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	control and warning systems installed Train protection system	Y/N	control and warning systems in normal operation are installed lineside.			
1.1.1.3.5.2	Need for more than one train protection, control and warning system required on-board	Single selection from the predefined list	Indication whether more than one train protection, control and warning system is required to be on-board and active simultaneously.	Parameter deleted. To be displayed for information		
1.1.1.3.5.3	Train protection legacy system	Single selection from the predefined list	Indication of which class B system is installed	X	X	16 January 2020
1.1.1.3.6	Radio Legacy Systems					
1.1.1.3.6.1	Other radio systems installed (Radio Legacy Systems)	Single selection from the predefined list	Indication of radio legacy systems installed.	X	X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7	Train detection systems not fully compliant with the TSI					
1.1.1.3.7.1.1	Type of train detection system	Single selection from the predefined list: track circuit/wheel detector/loop	Indication of types of train detection systems installed.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.1.2	Type of track circuits or axle counters to which specific checks are needed	Single selection from the predefined list	Indication of types of train detection systems to which specific checks are needed.		X	16 January 2020
1.1.1.3.7.1.3	Document with the procedure(s) related to the type of train detection systems declared in 1.1.1.3.7.1.2	CharacterString	Electronic document available in two EU languages from the IM stored by the Agency with precise procedures for the specific		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			check to be performed for train detection systems identified in 1.1.1.3.7.1.2.			
1.1.1.3.7.1.4	Section with train detection limitation	Single selection from the predefined list: Y/N	Specific for route compatibility check on French network. Sections with: —Tonnage circulated per track is inferior to 15 000 tons/day/track —Directional Interlocking —45-second delay for directional interlocking —Installation with track circuit announcement		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			—Absence of a shunting assistance pedal in the normal direction of circulation for non-reversible double track lines —Absence of a shunting assistance pedal regardless of the direction of traffic for single track lines and tracks for two way working —Absence of a pedal announcement mechanism —45-second delay for specific announcement reset devices			

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7.2.1	TSI compliance of maximum permitted distance between two consecutive axles	Single selection from the predefined list: TSI compliant/TSI not compliant	Indication whether required distance is compliant with the TSI.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.2.2	Maximum permitted distance between two consecutive axles in case of TSI non-compliance	[NNNNN]	Indication of maximum permitted distance between two consecutive axles in case of TSI non-compliance, given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.3	Minimum permitted distance between two consecutive axles	[NNNN]	Indication of distance given in millimetres.			In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.4	Minimum permitted distance between first and last axle	[NNNNN]	Indication of distance given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.5	Maximum distance between end of train and first axle	[NNNN]	Indication of maximum distance between end of train and first axle given in millimetres applicable for both sides (front and rear) of a vehicle or train.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7.6	Minimum permitted width of the rim	[NNN]	Indication of width given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.7	Minimum permitted wheel diameter	[NNN]	Indication of wheel diameter given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.8	Minimum permitted thickness of the flange	[NN.N]	Indication of flange thickness given in millimetres.			In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.9	Minimum permitted height of the flange	[NN.N]	Indication of height of flange given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.10	Maximum permitted height of the flange	[NN.N]	Indication of height of flange given in millimetres.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7.11	Minimum permitted axle load	[NN.N]	Indication of load given in tons.	Parameter deleted. To be displayed for information		
1.1.1.3.7.11.1	Minimum permitted axle load per category of vehicle	Single selection from a predefined list	Indication of load given in tons depending of the category of vehicle.			1 January 2021
1.1.1.3.7.12	TSI compliance of rules for metal-free space around wheels	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.13	TSI compliance of rules for vehicle metal construction	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						and by 16 March 2019 at the latest
1.1.1.3.7.14	TSI compliance of ferromagnetic characteristics of wheel material required	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.15.1	TSI compliance of maximum permitted impedance between opposite wheels of a wheelset	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7.15.2	Maximum permitted impedance between opposite wheels of a wheelset when not TSI compliant	[N.NNN]	The value of maximum permitted impedance given in ohm in case of TSI non-compliance			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.16	TSI compliance of sanding	Single selection from predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI or not	Parameter deleted. To be displayed for information		
1.1.1.3.7.17	Maximum amount of sand	Single selection from a predefined list	Maximum amount of sand within 30s given in grams accepted on the track			1 January 2021
1.1.1.3.7.18	Sanding override by driver required	Single selection from the predefined list: Y/N	Indication whether possibility to activate/deactivate sanding devices by driver,			In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			according to instructions from the Infrastructure Manager, is required or not.			2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.19	TSI Compliance of rules on sand characteristics	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.20	Existence of rules on on-board flange lubrication	Single selection from the predefined list: Y/N	Indication whether rules for activation or deactivation of flange lubrication exist.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.7.21	TSI compliance of rules on the use of composite brake blocks	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.22	TSI compliance of rules on shunt assisting devices	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.7.23	TSI compliance of rules on combination of RST characteristics	Single selection from the predefined list: TSI compliant/not TSI compliant	Indication whether rules are compliant with the TSI.			In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	influencing shunting impedance					2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.8	Transitions between systems					
1.1.1.3.8.1	Existence of switch over between different protection, control and warning systems while running	Single selection from the predefined list: Y/N	Indication whether a switch over between different systems whilst running exist			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.8.2	Existence of switch over between different radio systems	Single selection from the predefined list: Y/N	Indication whether a switch over between different radio systems and no communication system whilst running exist			In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.1.1.3.9	Parameters related to electromagnetic interferences					
1.1.1.3.9.1	Existence and TSI compliance of rules for magnetic fields emitted by a vehicle	Single selection from the predefined list: none/TSI compliant/not TSI compliant	Indication whether rules exist and are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.9.2	Existence and TSI compliance of limits in harmonics in the traction current of vehicles	Single selection from the predefined list: none/TSI compliant/not TSI compliant	Indication whether rules exist and are compliant with the TSI.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.10	Line-side system for degraded situation					
1.1.1.3.10.1	ETCS level for degraded situation	Single selection from a predefined list	ERTMS/ETCS application level for degraded situation related to the track side equipment.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.10.2	Other train protection, control and warning systems for degraded situation	Single selection from a predefined list	Indication of existence of other system than ETCS for degraded situation.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.11	Brake related parameters					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.11.1	Maximum braking distance requested	[NNNN]	The maximum value of the braking distance [in metres] of a train shall be given for the maximum line speed.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.1.1.3.11.2	Availability by the IM of additional information	Single selection from the predefined list: Y/N	Availability by the IM of additional information as defined in point (2) of point 4.2.2.6.2 of the Annex to Regulation (EU) 2019/773	X	X	16 January 2020
1.1.1.3.11.3	Documents available by the IM relating to braking performance	CharacterString	Electronic document available in two EU languages from the IM stored by the Agency providing		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			additional information as defined in point (2) of point 4.2.2.6.2 of the Annex to Implementing Regulation (EU) 2019/773.			
1.1.1.3.12	Other CCS related parameters					
1.1.1.3.12.1	Tilting supported	Single selection from the predefined list: Y/N	Indication whether tilting functions are supported by ETCS.	Parameter deleted. To be displayed for information		
1.1.1.3.13	ATO					
1.1.1.3.13.1	ATO baseline	Single selection from a predefined list	ATO baseline installed lineside.			
1.1.1.3.13.2	ATO System version	Single selection from a predefined list	ATO system version according to SRS x.x.x			

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.1.1.3.13.2	ATO communication system version	Single selection from a predefined list	Support ATO communication systems from trackside	-	-	-
1.1.1.4	Rules and restrictions					
1.1.1.4.1	Existence of rules and restrictions of a strictly local nature	Single selection from the predefined list: Y/N	Existence of rules and restrictions of a strictly local nature			1 January 2021
1.1.1.4.2	Documents regarding the rules or restrictions of a strictly local nature available by the IM	CharacterString	Electronic document available from the IM stored by the Agency providing additional information			1 January 2021
1.2	OPERATIONAL POINT					
1.2.0.0.0	Generic information					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.0.0.0.1	Name of operational point	CharacterString	Name normally related to the town or village or to traffic control purpose	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.0.0.0.2	Unique OP ID	Predefined CharacterString: [AA+AAAAAAAAAA]	Code composed of country code and alphanumeric OP code.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.0.0.0.3	OP TAF TAP primary code	Predefined CharacterString: [AANNNNN]	Primary code developed for TAF/TAP.			In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2014/880/EU and by 16 March 2019 at the latest
1.2.0.0.0.4	Type of operational point	Single selection from a predefined list	Type of facility in relation to the dominating operational functions.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.0.0.0.4.1	Type of track gauge changeover facility	CharacterString	Type of track gauge changeover facility		X	16 January 2020
1.2.0.0.0.5	Geographical location of operational point	Predefined CharacterString: [Latitude (NN.NNNN) + Longitude (± NN.NNNN)]	Geographical coordinates in decimal degrees normally given for	X	X	In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			the centre of the OP.			2014/880/EU and by 16 March 2019 at the latest
1.2.0.0.0.6	Railway location of Operational point	Predefined CharacterString: [NNN.NNN] + [CharacterString]	Kilometre related to line identification defining the location of the OP. This will normally be in the centre of the OP.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1	RUNNING TRACK					
1.2.1.0.0	Generic information					
1.2.1.0.0.1	IM's code	[AAAA]	Infrastructure manager means any body or undertaking that is responsible in particular for	X		In accordance with Implementing Decision 2014/880/EU

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			establishing and maintaining railway infrastructure or a part thereof.			and by 16 March 2019 at the latest
1.2.1.0.0.2	Identification of track	CharacterString	Unique track identification or unique track number within OP	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.1	Declarations of verification for track					
1.2.1.0.1.1	EC declaration of verification for track relating to compliance with the requirements from TSIs applicable to	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	infrastructure subsystem					2019 at the latest
1.2.1.0.1.2	EI declaration of demonstration (as defined Recommendation 2014/881/EU) relating to compliance with the requirements from TSIs applicable to infrastructure subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.2	Performance parameters					
1.2.1.0.2.1	TEN classification of track	Single selection from the predefined list: Part of the TEN-T Comprehensive Network/Part of the TEN-T Core Freight Network/Part of the TEN-T Core Passenger Network/Off-TEN	Indication of the part of the trans-European network the track belongs to.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.2.1.0.2.2	Category of line:	Single selection from a predefined list	Classification of a line according to the INF TSI — Regulation (EU) No 1299/2014.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.2.3	Part of a Railway Freight Corridor	Single selection from a predefined list	Indication whether the line is designated to a Railway Freight Corridor			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.3	Line layout					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.1.0.3.1	Interoperable gauge	Single selection from the predefined list: GA/GB/GC/G1/DE3/S/IRL1/none	Gauges GA, GB, GC, G1, DE3, S, IRL1 as defined in European standard.	Parameter deleted. To be displayed for information		
1.2.1.0.3.2	Multinational gauges:	Single selection from the predefined list: G2/GB1/GB2/none	Multilateral gauge or international gauge other than GA, GB, GC, G1, DE3, S, IRL1 as defined in European standard.	Parameter deleted. To be displayed for information		
1.2.1.0.3.3	National gauges	Single selection from a predefined list	Domestic gauge as defined in European standard or other local gauge.	Parameter deleted. To be displayed for information		
1.2.1.0.3.4	Gauging	Single selection from a predefined list	Gauges as defined in European standard or other local gauges, including lower or upper part.	X	X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.1.0.3.5	Railway location of particular points requiring specific checks	Predefined CharacterString: [± NNNN.NNN] + [CharacterString]	Location of particular points requiring specific checks due to deviations from gauging referred to in 1.2.1.0.3.4.		X	16 January 2020
1.2.1.0.3.6	Document with the transversal section of the particular points requiring specific checks	CharacterString	Electronic document available from the IM stored by the Agency with the transversal section of the particular points requiring specific checks due to deviations from gauging referred to in 1.2.1.0.3.4. Where relevant, guidance for the check with the particular point may be attached to the document with the		X	16 January 2020

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			transversal section.			
1.2.1.0.4	Track parameters					
1.2.1.0.4.1	Nominal track gauge	Single selection from the predefined list: 750/1000/1435/1520/1524/1600/1668/other	A single value expressed in millimetres that identifies the track gauge.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5	Tunnel					
1.2.1.0.5.1	IM's code	[AAAA]	Infrastructure manager means any body or undertaking that is responsible in particular for establishing and maintaining railway	X		In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			infrastructure or a part thereof.			2019 at the latest
1.2.1.0.5.2	Tunnel identification	CharacterString	Unique tunnel identification or unique tunnel number within MS	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5.3	EC declaration of verification for tunnel relating to compliance with the requirements from TSIs applicable to railway tunnel	CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5.4	EI declaration of demonstration	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations			In accordance

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
	(as defined Recommendation 2014/881/EU) for tunnel relating to compliance with the requirements from TSIs applicable to railway tunnel		following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5.5	Length of tunnel	[NNNNN]	Length of a tunnel in metres from entrance portal to exit portal.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5.6	Existence of emergency plan	Single selection from the predefined list: Y/N	Indication whether emergency plan exists.			In accordance with Implementing Decision 2014/880/EU

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						and by 16 March 2019 at the latest
1.2.1.0.5.7	Fire category of rolling stock required	Single selection from the predefined list: A/B/none	Categorisation how a passenger train with a fire on board will continue to operate for a defined time period		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.5.8	National fire category of rolling stock required	CharacterString	Categorisation how a passenger train with a fire on board will continue to operate for a defined time period — according to national rules if they exist		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.1.0.5.9	Diesel or other thermal traction allowed	Single selection from the predefined list: Y/N	Indication whether it is allowed to use diesel or other thermal traction in the tunnel			1 January 2021
1.2.1.0.6	Platform					
1.2.1.0.6.1	IM's code	[AAAA]	Infrastructure manager means any body or undertaking that is responsible in particular for establishing and maintaining railway infrastructure or a part thereof.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.6.2	Identification of platform	CharacterString	Unique platform identification or unique platform number within OP	X		In accordance with Implementing Decision 2014/880/EU and by

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						16 March 2019 at the latest
1.2.1.0.6.3	TEN Classification of platform	Single selection from the predefined list: Part of the TEN-T Comprehensive Network/Part of the TEN-T Core Freight Network/Part of the TEN-T Core Passenger Network/Off-TEN	Indicates the part of the trans-European network the platform belongs to.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.6.4	Usable length of platform	[NNNN]	The maximum continuous length (expressed in metres) of that part of platform in front of which a train is intended to remain stationary in normal operating conditions for passengers to board and alight	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			from the train, making appropriate allowance for stopping tolerances.			
1.2.1.0.6.5	Height of platform	Single selection from the predefined list: 250/280/550/760/300-380/200/580/680/685/730/840/900/915/920/960/1100/other	Distance between the upper surface of platform and running surface of the neighbouring track. It is the nominal value expressed in millimetres.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.1.0.6.6	Existence of platform assistance for starting train	Single selection from the predefined list: Y/N	Indication of existence of equipment or staff supporting the train crew in starting the train.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						2019 at the latest
1.2.1.0.6.7	Range of use of the platform boarding aid	[NNNN]	Information of the train access level for which the boarding aid can be used.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2	SIDING					
1.2.2.0.0	Generic information					
1.2.2.0.0.1	IM's code	[AAAA]	Infrastructure manager means any body or undertaking that is responsible in particular for establishing and maintaining railway	X		In accordance with Implementing Decision 2014/880/EU and by 16 March

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			infrastructure or a part thereof.			2019 at the latest
1.2.2.0.0.2	Identification of siding	CharacterString	Unique siding identification or unique siding number within OP	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.0.3	TEN Classification of siding	Single selection from the predefined list: Part of the TEN-T Comprehensive Network/Part of the TEN-T Core Freight Network/Part of the TEN-T Core Passenger Network/Off-TEN	Indicates the part of the trans-European network the siding belongs to.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.1	Declaration of verification for siding					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.2.0.1.1	EC declaration of verification for siding relating to compliance with the requirements from TSIs applicable to infrastructure subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.1.2	EI declaration of demonstration (as defined Recommendation 2014/881/EU) for siding relating to compliance with the requirements from TSIs applicable to infrastructure subsystem	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.2	Performance parameter					

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.2.0.2.1	Usable length of siding	[NNNN]	Total length of the siding/stabling track expressed in metres where trains can be parked safely.	X	X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.3	Line layout					
1.2.2.0.3.1	Gradient for stabling tracks	[NN.N]	Maximum value of the gradient expressed in millimetres per metre.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.3.2	Minimum radius of horizontal curve	[NNN]	Radius of the smallest horizontal		X	In accordance with

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			curve, expressed in metres.			Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.3.3	Minimum radius of vertical curve	[NNN+NNN]	Radius of the smallest vertical curve expressed in metres.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.4	Fixed installations for servicing trains					
1.2.2.0.4.1	Existence of toilet discharge	Single selection from the predefined list: Y/N	Indication whether exists an installation of toilet discharge (fixed installation for servicing	X		In accordance with Implementing Decision 2014/880/EU

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			trains) as defined in INF TSI — Regulation (EU) No 1299/2014.			and by 16 March 2019 at the latest
1.2.2.0.4.2	Existence of external cleaning facilities	Single selection from the predefined list: Y/N	Indication whether exists an installation of external cleaning facility (fixed installation for servicing trains) as defined in INF TSI — Regulation (EU) No 1299/2014.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.4.3	Existence of water restocking	Single selection from the predefined list: Y/N	Indication whether exists an installation of water restocking (fixed installation for servicing trains) as defined in INF TSI — Regulation (EU) No 1299/2014.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.2.0.4.4	Existence of refuelling	Single selection from the predefined list: Y/N	Indication whether exists an installation of refuelling (fixed installation for servicing trains) as defined in INF TSI — Regulation (EU) No 1299/2014.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.4.5	Existence of sand restocking	Single selection from the predefined list: Y/N	Indication whether an installation of sand restocking exists (fixed installation for servicing trains).	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.4.6	Existence of electric shore supply	Single selection from the predefined list: Y/N	Indication whether exists an installation of electric shore supply (fixed	X		In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			installation for servicing trains).			2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5	Tunnel					
1.2.2.0.5.1	IM's code	[AAAA]	Infrastructure manager means any body or undertaking that is responsible in particular for establishing and maintaining railway infrastructure or a part thereof.	X		In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5.2	Tunnel identification	CharacterString	Unique tunnel identification or unique number within Member State	X		In accordance with Implementing Decision 2014/880/EU and by

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
						16 March 2019 at the latest
1.2.2.0.5.3	EC declaration of verification for tunnel relating to compliance with the requirements from TSIs applicable to railway tunnel	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EC declarations in accordance with Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5.4	EI declaration of demonstration (as defined Recommendation 2014/881/EU) for tunnel relating to compliance with the requirements from TSIs applicable to railway tunnel	Predefined CharacterString: [CC/RRRRRRRRRRRRR/YYYY/NNNNNN]	Unique number for EI declarations following the same format requirements as specified for EC declarations in Annex VII of Commission Implementing Regulation (EU) 2019/250.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.2.0.5.5	Length of tunnel	[NNNNN]	Length of a tunnel in metres from entrance portal to exit portal.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5.6	Existence of emergency plan	Single selection from the predefined list: Y/N	Indication whether emergency plan exists.			In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5.7	Fire category of rolling stock required	Single selection from the predefined list: A/B/none	Categorisation how a passenger train with a fire on board will continue to		X	In accordance with Implementing Decision

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
			operate for a defined time period.			2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.5.8	National fire category of rolling stock required	CharacterString	Categorisation how a passenger train with a fire on board will continue to operate for a defined time period — according to national rules if they exist.		X	In accordance with Implementing Decision 2014/880/EU and by 16 March 2019 at the latest
1.2.2.0.6	Contact line system					
1.2.2.0.6.1	Maximum current at standstill per pantograph	[NNN]	Indication of the maximum allowable train current at standstill ~~for DC systems~~ expressed in amperes.		X	16 January 2020 for DC systems TBD for AC systems

Number	Title	Data presentation	Definition	Core parameter	Needed for RC	Deadline to provide the parameter
1.2.3	Rules and restrictions					
1.2.3.1	Existence of rules and restrictions of a strictly local nature	Single selection from the predefined list: Y/N	Existence of rules and restrictions of a strictly local nature			1 January 2021
1.2.3.2	Documents regarding the rules or restrictions of a strictly local nature available by the IM	CharacterString	Electronic document available from the IM stored by the Agency providing additional information			1 January 2021