

Details of Standard					Initial Filtering				Clause by Clause Analysis (where applicable)				
					Relevance to DR Tech			Detail Review Required					
Number	Title	Issue	Compliance Date	Category	ETCS	TM	CDAS			Section	Description of issue	Changes required	GAP in Standards
Railway Group Standards & Forms													
BR1654	Radio Electronic Token Block System	2	01/12/1986	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GKRT0212	Signalling Lockout Systems to Protect Railway Undertaking Personnel	1	04/10/2007	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2162	Traincrew Access to and Egress from Railway Vehicles	3	03/09/2011	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GOOTS303	Secondary Door Locking - Operational Requirements	1	01/01/1993	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8075	AWS and TPWS Interface Requirements	3	03/03/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8402	ERTMS/ETCS DMI National Requirements	2	03/09/2016	Railway Group Standard	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
GKRT0028	Infrastructure Based Train Detection Interface Requirements	3	03/12/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GKRT0075	Lineside Signal Spacing and Speed Signage	4	05/12/2015	Railway Group Standard	N	N	N	N	None	Possible impact in ETCS overlay / underlay areas and at boundaries, though no deviations found necessary for Digital Railway projects so far.	Nil	Nil	N/A
GLRT1212	DC Conductor Rail Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	05/12/2015	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

GMRT2045	Compatibility Requirements for Braking Systems of Rail Vehicles	4	04/06/2016	Railway Group Standard	Y	N	N	N	None	Impacts ETCS braking parameters and assumptions made about train braking capabilities in schemes design, but no changes to the standard itself are believed necessary.	Nil	Nil	N/A
GMRT2113	Rolling Stock Subsystem and Interfaces to DC Conductor Rail Energy Subsystem	1	04/06/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2461	Sanding Equipment	2	03/09/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2466	Railway Wheelsets	4	03/03/2018	Railway Group Standard	Y	N	N	Y	All	Updates may be needed to cover configuration of wheel diameters in ETCS on-board equipment and changes to these diameters following re-profiling.	Updates may be needed to cover configuration of wheel diameters in ETCS on-board equipment and changes to these diameters following re-profiling.	The contents of this standard has been incorporated into RIS-2766-RST which states "Created by combining the non-NTR content of GMRT2466 and relevant superseded guidance notes" and goes on to state "This document will be updated when necessary by distribution of a complete replacement."	N/A
GIRT7073	Requirements for the Position of Infrastructure and for Defining and Maintaining Clearances	2	01/09/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GIRT7020	GB Requirements for Platform Height, Platform Offset and Platform Width	1	01/09/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2173	Requirements for the Size of Vehicles and Position of Equipment	2	01/09/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2477	Compatibility Requirements for Track Circuit Assisters	3	01/09/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

	(TCAs) on Rail Vehicles												
GCRT5021	Track System Requirements	5	03/03/2012	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GCRT5033	Terminal Tracks - Requirements for Buffer Stops, Arresting Devices and End Impact Walls	2	02/02/2008	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8006	Assessment of Compatibility of Rail Vehicle Weights and Underline Bridges	2	04/12/2010	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8014	Axlebox Condition Monitoring - Hot Axlebox Detection	2	03/09/2011	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8018	Mechanical Trainstop System Interface	2	01/12/2012	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8023	Compatibility Between Electric Trains and Electrification Systems	1	02/12/2000	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8073	Requirements for the Application of Standard Vehicle Gauges.	3	05/03/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8270	Assessment of Route Compatibility of Vehicles and Infrastructure.	3	05/03/2016	Railway Group Standard	Y	N	Y	Y	None	Covered already through requirements for placing in service and putting into use. Requires application of CSM RA to demonstrate safe integration.	None	None	N/A
GERT8273	Assessment of Compatibility of Rolling Stock and Infrastructure - Gauging and Stepping Distances	1	05/03/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GIRT7016	Interface between Station Platforms, Track and Trains	5	07/06/2014	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GIRT7033	Lineside Signs	3	04/06/2016	Railway Group Standard	N	N	N	N	None	Specifies processes associated with signage, not the signs	Nil	Nil	N/A

										themselves.			
GIRT7073	Requirements for the Position of Infrastructure and for Defining and Maintaining Clearances	2	01/09/2018	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GKRT0044	Permissive Working	3	07/03/2015	Railway Group Standard	Y	N	N	Y	All	Signalling arrangements need updating to reflect ETCS permissive working.	Aready subject to a review through RSSB project reference 16-023.	Aready subject to a review through RSSB project reference 16-023.	N/A
GKRT0055	Block System Interface Requirements	1	07/12/2013	Railway Group Standard	N	N	N	N	None	Applicability to ETCS specifically excluded. Standard not believed to be relevant to C-DAS / TMS.	Nil	Nil	N/A
GKRT0057	Lineside Signal and Indicator Product Design and Assessment Requirements	1	07/03/2015	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GLRT1210	AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	07/03/2015	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2100	Requirements for Rail Vehicle Structures	5	01/09/2012	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2111	Rolling Stock Subsystem and Interface to AC Energy Subsystem	1	03/06/2017	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2130	Vehicle Fire, Safety and Evacuation	4	01/03/2014	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2131	Audibility and Visibility of Trains.	1	05/03/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2132	On-board Energy Metering for Billing Purposes	1	04/12/2010	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2141	Resistance of Railway Vehicles to Derailment and Roll-Over	3	01/08/2009	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2142	Resistance of Railway Vehicles to Roll-Over in Gales	4	07/03/2015	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

GMRT2160	Environment Inside Railway Vehicles (Audibility of detonators)	4	05/03/2011	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2161	Requirements for Driving Cabs of Railway Vehicles	1	08/10/1995	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2173	Requirements for the Size of Vehicles and Position of Equipment.	1	05/03/2016	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2176	Air Quality and Lighting Environment for Traincrew Inside Railway Vehicles	1	06/04/1996	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2185	Train Safety Systems	2	02/02/2002	Railway Group Standard	Y	N	N	Y	See below.	Should be updated to reference ETCS standards.	See below.	See below.	3
									B2.4 Related Requirements in Other Documents		Update to B2.4 and References to reflect ETCS Standards, although there is a clause stating that standards list is not comprehensive and reflects those in place covering train safety systems as at standards publication date.		N/A
									References.		Standrad last updated in 2001 and it would seem prudent to review/update		N/A
GMRT2400	Engineering Design of On-track Machines in Running Mode	5	07/12/2013	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2472	Requirements for Data Recorders on Trains	2	05/12/2015	Railway Group Standard	Y	N	N	N	None	Standard already covers ETCS. Standard not believed to be relevant to C-DAS / TMS.	Nil	Nil	N/A
GMRT2477	Track Circuit Assister Configuration for Rail Vehicles	2	03/10/2009	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRT2491	Design Requirements for a Driver's Reminder Appliance (DRA)	2	05/12/2009	Railway Group Standard	N	N	N	N	None	Standard notes that DRAs are not required on trains fitted with ETCS that are confined to ETCS fitted routes.	Nil	Nil	N/A
GMRT0088	Permissible Track Forces for Railway Vehicles	1	01/12/1993	Railway Group Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

Form RT3119-D	Provisional ERTMS SPAD Data Collection Form (Railway Undertaking)	2	06/09/2014	Railway Group Standard Form	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
Form RT3973-EXL	Advice to Train Crews - Conveyance of Exceptional Loads	1	06/02/2010	Railway Group Standard Form	Y	N	N	Y	None	May need to include instructions to ensure correct loading gauge category / axle load category / brake parameters are configured in train data.	Issue raised should be covered in the RU's SMS	Nil	N/A
Form RT3973-NUC	Advice to Train Crews - Conveyance of Radioactive Flask	1	06/02/2010	Railway Group Standard Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3119-C	Provisional ERTMS SPAD Data Collection Form (Infrastructure Manager)	2	06/09/2014	Railway Group Standard Form	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
Form RT3973-CON	Advice to Train Crews - Conveyance of Containers	1	06/02/2010	Railway Group Standard Form	Y	N	N	Y	None	May need to include instructions to ensure correct loading gauge category is configured in ETCS train data.	Issue raised should be covered in the RU's SMS	Nil	N/A
Form RT3973-HAW	Advice to Train Crew - Conveyance of Heavy Axle Weight	1	06/02/2010	Railway Group Standard Form	Y	N	N	Y	None	May need to include instructions to ensure correct axle load category is configured in ETCS train data.	Issue raised should be covered in the RU's SMS	Nil	N/A
Form RT3119-A	Provisional SPAD Data Collection Form (Infrastructure Manager)	7	06/09/2014	Railway Group Standard Form	N	N	N	N	None	Separate forms provided for ETCS.	Nil	Nil	N/A
Form RT3119-B	Provisional SPAD Data Collection Form (Railway Undertaking)	7	06/09/2014	Railway Group Standard Form	N	N	N	N	None	Separate forms provided for ETCS.	Nil	Nil	N/A
Form RT8106	Example Failure Data Collection Form	1	04/10/2008	Railway Group Standard Form	Y	Y	Y	N	None	Form sufficiently generic as to not require changing for Digital Railway.	Nil	Nil	N/A
Form RT8250	Urgent Safety-Related Defect Report Form	3	03/09/2011	Railway Group Standard Form	Y	N	N	N	None	Form sufficiently generic as to not require changing for Digital Railway.	Nil	Nil	N/A

Industry Guidance Notes													
GEGN8502	Operation of Trams and Light Rail or Metro Vehicles Over Railtrack Controlled Infrastructure	1	03/04/1999	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GEGN8618	Guidance on Mechanical Trainstop System	1	01/12/2012	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GKGN0655	Guidance on Block System Interface Requirements	1	07/12/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2571	Guidance on the Storage and Recommissioning of Traction and Rolling Stock	1	03/08/2002	Guidance Note	Y	N	Y	Y	See below.	Updates to provide guidance in relation to recommissioning units that have ETCS and DAS	See below.	See below.	5
									B5.2 Recommissioning Process		As this is a guidance note it would be prudent to include specifics around ETCS and DAS that may be relevant for recommissioning if the train has been in storage. Areas to cover would include software versions, cryptographic keys, any onboard infrastructure database etc.		N/A
GMGN2607	Guidance on the Braking Requirements for Hauling Unbraked Multiple Units in Freight Trains	1	04/09/2010	Guidance Note	Y	N	N	Y	See below.	Need to consider impact on ETCS braking parameters.	See below.	See below.	3
									6.3	Section describes assessment of compatibility of divided train with signal spacing distances, but does not mention compatibility with configured ETCS braking parameters.	Add requirements to ensure ETCS braking parameters are still appropriate in the event of train division.	Allowance for divided train within ETCS braking parameters.	N/A
									Appendix A	No reference is made to relating brake performance to ETCS braking parameters.	Add requirements to relate calculated brake performance on gradients to ETCS braking parameters.	Requirements for ETCS braking parameters based on calculated braking performance on	N/A

												gradients.	
GMGN2643	Guidance on Wheel / Rail Low Adhesion Simulation	1	02/02/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3676	Guidance on the Carriage of Dangerous Goods by Rail	3	02/03/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GEGN8651	Guidance Note for Safe Integration of CCS Systems with Train Operations	1	03/03/2018	Guidance Note	Y	Y	Y	Y	See below.	Although recently published (March 18), it would be useful if it gave some context in relation to the Reference Design for ETCS. Only really talks about pure CCS, should it be extended to DAS and ATO? Mindful given the publication date that the industry was happy without specifics included.	See below.	See below.	1
									Part 3		Is there specific guidance that should be given in relation to the reference design (when formally published), DAS and ATO?		N/A
GEGN8607	Guidance on the Use of Escrow Agreements for Rail Applications	2	03/03/2018	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GEGN8532	Guidance on 'Signals, Railway Track, Explosive' (also known as 'Detonators')	5	05/09/2015	Guidance Note	N	N	N	N	None	Covers storage, transport and disposal of detonators, but not their use (or not) for possessions.	Nil	Nil	N/A
GEGN8611	Guidance on the Application of the Control Command and Signalling TSI	1	03/12/2016	Guidance Note	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
GEGN8650	Guidance on High-Integrity Software-Based Systems for Railway Applications	1		Guidance Note	N	N	N	N	None	Generic guidance, not specific to any technology.	Nil	Nil	N/A
GIGN7608	Guidance on the Infrastructure Technical Specification for	2	03/09/2016	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A

	Interoperability												
GLGN1600	Guidance on the Energy TSI	1	04/03/2017	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GLGN1620	Guidance on the Application of the Control of Electromagnetic Fields at Work Regulations	1	04/06/2016	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2613	Guidance on Rolling Stock Subsystem and Interfaces to DC Conductor Rail Energy Subsystem	1	04/06/2016	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2615	Guidance on the Locomotives and Passenger Rolling Stock TSI	2	03/12/2016	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3615	Guidance on the Operation and Traffic Management Technical Specification for Interoperability	2	02/09/2017	Guidance Note	N	Y	N	N	None	Applicable to Digital Railway traffic management systems. No updates believed necessary.	Nil	Nil	N/A
GOGN3637	Guidance on Defective on-Train Equipment	2	05/12/2015	Guidance Note	Y	N	N	N	None	Standard already covers defective ETCS on-board equipment. No additional arrangements are needed to respond to failed C-DAS or Traffic Management.	Nil	Nil	N/A
GEGN8646	Guidance on the Common Safety Method for Risk Evaluation and Assessment	1	02/12/2017	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GIGN5633	Recommendations for the Risk Assessment of Buffer Stops and End Impact Walls	1	02/06/2018	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GCGN5612	Guidance on Loading Requirements for the Design of Railway Structures	1	07/03/2015	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A

GEGN8516	Guidance on Recording and Monitoring of Spoken Safety Communications	1	04/10/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GEGN8540	Guidance on Low Adhesion between the Wheel and the Rail - Managing the Risk	2	05/09/2015	Guidance Note	Y	N	Y	Y	See below.	Some updates to cover ETCS already included. May need further updates to cover ETCS low adhesion function + C-DAS speed regulation.	See below.	See below.	3
									G 2.1.21	This clause does not make reference to ETCS low adhesion function as a possible mitigation for low adhesion.	This clause lists mitigations that can be applied to reduce the risks caused by low adhesion. Consideration should be given to including in the list the ETCS low adhesion function and how C DAS speed regulation may influence the consequences of low adhesion.	No reference to ETCS low adhesion function.	N/A
									G 2.1.23	This clause does not make reference to ETCS low adhesion function.	Suggested ammendment to the second and third sentences "Particular consideration should be given to the reliance drivers place on the indications and prompts normally displayed on the ERTMS Driver Machine Interface (DMI), as the braking curve is unlikely unable to take into consideration varying reduced rail adhesion levels.	The effect of ETCS has not been considered	N/A
									G 2.1.23	This clause does not make reference to ETCS low adhesion function.	Suggested ammendment to the third sentence "Therefore, drivers will be required to anticipate low rail adhesion levels and control their train in accordance with the railway undertaking's driving policy whether or not the ETCS low adhesion function has been selected.	The effect of ETCS has not been considered	N/A

										G 2.1.23	This clause does not make reference to C-DAS speed regulation.	Consider amending this clause or adding a new clause. The purpose of this to remind Railway Undertakings to consider the effect C-DAS may have on the driving technique during periods of low rail adhesion.	The effect of C-DAS has not been considered	N/A
GEGN8570	Guidance on the Management of Drugs and Alcohol	2	02/03/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GEGN8573	Guidance on Gauging and Platform Distances	4	05/03/2016	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GEGN8578	Guidance on the Use of On-Train Satellite Positioning Technology Based Locator for Railway Applications	3	05/12/2015	Guidance Note	Y	N	Y	Y	None	Standard already covers ETCS. Updates may be needed to cover use of satellite positioning in C-DAS applications.	No change needed. Standard describes satellite system, not the application that uses the position data.	Nil	N/A	
GEGN8579	Guidance on Digital Wireless Technology for Train Operators	1	07/06/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GEGN8614	Guidance on Axlebox Condition Monitoring - Hot Axlebox Detection	1	03/09/2011	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GEGN8623	Guidance on the Change Process for Projects Affecting Compatibility Between Electric Trains and Electrification Systems	1	07/04/2007	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GEGN8628	Guidance on Preparation for and Operation during Winter	1	01/06/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A	
GIGN7619	Guidance on the Safety in Railway Tunnels Technical Specification for Interoperability	1	07/12/2013	Guidance Note	Y	N	N	N	None	SRT TSI does not reference ETCS/ERTMS other than referring to the operational rules which are part of an ETCS roll-out, therefore propose that no changes are required to this	Nil	Nil	N/A	

										document.			
GIGN7633	Guidance on Lineside Signs	1	04/06/2016	Guidance Note	N	N	N	N	None	Specifies processes associated with signage, not the signs themselves.	Nil	Nil	N/A
GIGN7634	Index for Lineside Signs	1	04/06/2016	Guidance Note	Y	N	N	N	None	Standard already covers ETCS signage. No signage believed necessary for C-DAS / TMS.	Nil	Nil	N/A
GKGN0554	Guidance on Radio Electronic Token Block (RETB)	2	07/09/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GKGN0602	Guidance on Train Rooftop Antenna Positioning	1	04/12/2010	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GKGN0612	Guidance on Signalling Lockout Systems to Protect Railway Undertaking Personnel	1	06/10/2007	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GKGN0644	Guidance on Permissive Working	2	07/03/2015	Guidance Note	Y	N	N	Y	All	Signalling arrangements need updating to reflect ETCS permissive working.	Already subject to a review through RSSB project reference 16-023.	Already subject to a review through RSSB project reference 16-023.	N/A
GKGN0657	Guidance on Lineside Signal and Indicator Product Design and Assessment Requirements	1	07/03/2015	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GKGN0675	Guidance on Lineside Signal Spacing and Speed Signage	4	05/12/2015	Guidance Note	N	N	N	N	None	Possible impact in ETCS overlay / underlay areas and at boundaries, though no deviations found necessary for Digital Railway projects so far.	Nil	Nil	N/A
GKGN0802	Glossary of Signalling Terms	1	05/06/2004	Guidance Note	Y	Y	Y	Y	See below.	Needs updating to include Digital Railway terminology, notably in respect to traffic management & C-DAS.	See below.	See below.	3

	C2 Main Glossary of Terms								C2 Main Glossary of Terms		No terms or abbreviations provided for the following subject areas: C-DAS Traffic Management ROC		N/A
GLGN1610	Guidance on AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	07/03/2015	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GLGN1612	Guidance on DC Conductor Rail Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	05/12/2015	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2460	Guidance on Compliance with Noise and Vibration Legislation in the Railway Environment	1	07/06/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2606	Guidance on the Fitment and Functionality of Forward and Rear Facing Cameras on Rolling Stock	1	05/06/2010	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2611	Guidance on Rolling Stock Subsystem and Interfaces to AC Energy Subsystem	1	03/06/2017	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2630	Guidance on Rail Vehicle Fire Safety	1	01/03/2014	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2642	Guidance on Wheel / Rail Low Adhesion Measurement	1	02/02/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2646	Guidance on Axle Bearing Maintenance	1	04/06/2011	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2685	Guidance on Lifting, Jacking, Recovery and Emergency Movement of Rail Vehicles	1	05/03/2011	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2686	Guidance on Rail Vehicle Bodyshell, Bogie and Suspension Elements	1	05/03/2011	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A

GMGN2687	Guidance on Rail Vehicle Interior Structures and Secondary Structural Elements	1	05/03/2011	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2688	Guidance on Designing Rail Freight Wagons for use on the GB Mainline Railway	2	07/09/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2689	Guidance on Mechanical Coupling of Rail Vehicles	2	01/09/2012	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GMGN2695	Guidance on Testing of Wheel Slide Protection Systems Fitted on Rail Vehicles	1	04/12/2010	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3518	Guidance on Incident Response Planning & Management	1	06/12/2008	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3519	Guidance on Accident and Incident Investigation	3	02/03/2013	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3653	Guidance for Safe Freight Train Operation	3	06/12/2014	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3655	Guidance on Medical Fitness for Railway Safety Critical Workers	2	07/06/2014	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A
GOGN3677	Guidance on Operational Criteria for the Provision of Lineside Telephony Following GSM-R Introduction	1	04/12/2010	Guidance Note	N	N	N	N	None	N/A	Nil	Nil	N/A

Railway Industry Standards

RIS-2701-RST	Rail Industry Standard for NDT Processes on Rail Vehicles	1	04/06/2011	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3701-TOM	Rail Industry Standard for a Confidential Reporting System for Rail Staff	1	04/09/2010	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3776-TOM	Rail Industry Standard on the Use of Mobile Telephonic	1	05/12/2009	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

	Equipment in Driving Cabs												
RIS-0703-CCS	Signalling Layout and Signal Aspect Sequence Requirements	1.1	13/03/2018	Rail Industry Standard	Y	N	N	Y	None	Possible minor modifications needed to account for use of platform dispatch indicators and shunt signals on lines signalled with ETCS.	No change needed. Standard is explicit that it concerns lineside signalling.	Use of shunt signals or platform indicators for platform staff to be described in ETCS guidelines. Also, What is shown to driver?	N/A
RIS-0713-CCS	Lineside Signalling Layout Driveability Assessment Requirements	1.1	13/03/2018	Rail Industry Standard	Y	N	N	Y	None	Possible minor modifications needed to account for ETCS. Standard is mostly written in signalling-system agnostic language though on occasion makes reference to lineside signals where ETCS MAs and / or block markers could also be used.	Standard is explicit that it concerns lineside signalling, however needs to be extended to cover driveability for ETCS schemes.	There needs to be an equivalent driveability assessment for ETCS, concerning positioning of markers, use of posa signals, platform off indicators, etc. The signal sighting standard should also cover positioning of ETCS markers, and there should be some guidance on the positioning of marker boards (i.e. are they only at junctions, as per the swiss model, or at all block sections?).	1
RIS-0758-CCS	Lineside Signal Aspects and Indications	1.1	13/03/2018	Rail Industry Standard	Y	N	N	Y	See below.	Train dispatch indicators and shunt signals can have subtly different meanings in ETCS areas and this needs to be reflected in the standard.	No change needed. Standard is explicit that it concerns lineside signalling.	An explanation of drivers MMI indications may be useful. For example, do we plan to have an equivalent of CD/RA, etc on the drivers MMI as a text message? If so, we need to state this somewhere. It would also be useful for people to have an understanding of the MMI indications (i.e. Full supervision, etc.)	N/A

RIS-8047-TOM	Reporting of Safety Related Information	2	03/03/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2710-RST	Magnetic Track Brakes	1	03/03/2018	Rail Industry Standard	Y	N	N	Y	See below.	Needs to consider suppression (or not) of magnetic track brakes by ETCS on-board equipment.	Consideration should be given to determine if there is a requirement to activate or deactivate the magnetic track brake function automatically using the ETCS on board systems	A potential of ETCS to activate the magnetic track brake function automatically using the ETCS on board systems may not have been considered.	3
									3.2	Eurobalise are not listed in the appedicies.	Eurobalise do not appear to have been assesed for compatibility with magnetic track brakes, this is an assumption because they are not listed in the Appendicies.	Eurobalise are not listed in the appedicies.	N/A
RIS-1854-ENE	750 V and 1500 V DC Overhead Lines and corresponding Rolling Stock requirements	1	03/03/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0796-CCS	Train to Infrastructure RFID Compatibility	1	03/03/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0775-CCS	AWS and TPWS Application Requirements	1	03/03/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-7704-INS	Calculation of Enhanced Permissible Speeds for Tilting Trains	1	03/03/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0009-CCS	Identification of Signalling and Related Equipment	1	02/09/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. No additional standard identification requirements are believed necessary for C-DAS / TMS.	Nil	Nil	N/A
RIS-0036-CCS	Transitions Between Signalling Systems	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Possible minor modifications needed to account for ETCS. Standard is mostly written in signalling-system agnostic language though describes a cab signalling changeover, and provides HS1 as an	Potential change to include ETCS example	There needs to be an ETCS changeover example. This appears to be covered in the Reference Design, topics N, O.	3

										example in the Appendix.			
RIS-0077-CCS	Ground Frames and Shunters' Releases	1	02/09/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0700-CCS	Rail Industry Standard for Internet Access on Trains for Customer and Operational Railway Purposes	1	04/06/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0707-CCS	Management of Safety Related Control, Command and Signalling System	1	03/09/2016	Rail Industry Standard	Y	Y	Y	Y	See below.	Updates for ETCS and TMS/CDAS in so far as they may have safety related failures	See below.	See below.	3
									Appendix A		Needs to be updated with appropriate tables covering ETCS, ATO and DAS. For ETCS it should be possible to get input from the ETCS DRACAS from Cambrian.		N/A
									General		Consideration ought to be given to referencing the Systems Authority, the role that they should play in Safety failures.		N/A
RIS-0708-CCS	ERTMS/ETCS National Values	1	02/09/2017	Rail Industry Standard	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
RIS-0728-CCS	Infrastructure Based Train Detection Systems	1	03/09/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0737-CCS	Rail Industry Standard for Signal Sighting Assessment Requirements	1	04/06/2016	Rail Industry Standard	Y	N	N	N	None	Possible minor modifications needed to account for ETCS markers. Standard makes reference to lineside signals where ETCS MAs and / or block markers could also be used.	Standard mentions reading time for an ETCS marker, but offers no other guidance on them.	There needs to be a section on ETCS markers, their preferred position, etc. Not sure if this is an update of this standard or a section on a Digital railway equivalent.	1
RIS-0743-CCS	ERTMS Key Management	1	04/03/2017	Rail Industry Standard	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
RIS-0784-CCS	The Management of Packet 44 Applications	1	04/03/2017	Rail Industry Standard	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A

RIS-0792-CCS	Level Crossing Operational Interfaces with Trains	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Standard already updated (via the Cambrian project) to cover ETCS. No updates believed necessary for C-DAS / TMS.	Nil	Nil	N/A
RIS-0794-CCS	GSM-R Train Voice Radio Systems	2		Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-1855-ENE	Low Voltage Power Supplies in Electrified Areas	1	04/03/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2004-RST	Rail Vehicle Maintenance	1	03/09/2016	Rail Industry Standard	Y	N	Y	N	None	Wording of standard is sufficiently generic to cover Digital Railway equipment onboard rail vehicles.	Nil	Nil	N/A
RIS-2700-RST	Rail Industry Standard for Verification of Conformity of Engineering Change to Rail Vehicles	1	05/03/2016	Rail Industry Standard	Y	N	Y	N	None	Wording of standard is sufficiently generic to cover Digital Railway equipment onboard rail vehicles.	Nil	Nil	N/A
RIS-2702-RST	In-Service Examination and Reference Limits for Freight Wagons	2	04/03/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2709-RST	Rail Industry Standard for the Identification of Roller Bearings Defects	1	05/03/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2747-RST	Functioning and Control of Exterior Doors on Passenger Vehicles	1	04/03/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3118-TOM	Incident Response Planning & Management	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3119-TOM	Accident and Incident Investigation	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Standard already updated to include ETCS. C-DAS / TMS not believed to be applicable to the standard as no safety dependency is placed on them.	Nil	Nil	N/A
RIS-3215-TOM	Weekly Operating Notice, Periodical Operating Notice and	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Standard already updated to cover ETCS. No updates for	Nil	Nil	N/A

	the Sectional Appendix									C-DAS / TMS believed necessary.			
RIS-3279-TOM	High Visibility Clothing	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3350-TOM	Communication of Urgent Operating Advice	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3413-TOM	Provision of Information and Signs for Access on the Railway	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3436-TOM	Information for Safe Train Operation	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3437-TOM	Defective On-Train Equipment	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. No additional arrangements are needed to respond to failed C-DAS or Traffic Management.	Nil	Nil	N/A
RIS-3451-TOM	Train Drivers - suitability and Medical Fitness Rquirements	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3452-TOM	Train Movement - Medical Fitness Requirements	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3600-TOM	Operational Security Response Planning	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3703-TOM	Passenger Train Dispatch and Platform Safety Measures	3	02/12/2017	Rail Industry Standard	Y	Y	Y	Y	All	May need updating to cover dispatch arrangements in ETCS Level 2 without signals and / or with station dwell times regulation by TMS + C-DAS.	Updates will be required to reflect a technical solution to a railway without physical signals. How are station staff to know if train has received an MA on DMI in cab. Interlocking of an RA is stated in RIS-8060-CCS. Solution would need to be on a project by project basis to confirm the risks have been managed in accordance with the RIS.	Updates will be required to reflect a technical solution to a railway without physical signals. How are station staff to know if train has received an MA on DMI in cab. Interlocking of an RA is stated in RIS-8060-CCS. Solution would need to be on a project by project basis to confirm the risks have been managed in accordance with	N/A

												the RIS.	
RIS-3708-TOM	Arrangements Concerning the Non-Operation of Track Circuits During the Leaf Fall Contamination Period	2	02/09/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. TMS / C-DAS not believed to be applicable.	Nil	Nil	N/A
RIS-3780-TOM	Operational Requirements for GSM-R Radio	1	03/09/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-8012-CCS	Controlling the Speed of Tilting Trains through Curves	1	02/09/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers use of cab-signalling and automatic train protection to indicate / control speed of tilting trains through curves.	Nil	Nil	N/A
RIS-8019-CCS	Tilting Trains: Controlling Tilt Systems to Maintain Clearances	1	02/09/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS.	Nil	Nil	N/A
RIS-8034-CCS	Maintenance of Signal and Operational Sign Visibility	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Wording of standard is sufficiently generic to cover Digital Railway signage.	Nil	Nil	N/A
RIS-8040-TOM	Low Adhesion between the Wheel and the Rail - Managing the Risk	1	03/12/2016	Rail Industry Standard	Y	N	N	Y	None	On detailed review requirements of standard are suitably generic to cover configuration and use of ETCS low adhesion functionality as part of a site-specific action plan.	Nil	Nil	N/A
RIS-8046-TOM	Spoken Safety Communications	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

RIS-8048-CCS	Positioning of Lineside Telephones	1	03/12/2016	Rail Industry Standard	Y	N	N	Y	General	Consideration needs to be given to an equivalent term for signal post telephone (SPT) under ETCS Level 2 operation with signals and whether any such telephones will ever actually be required.	The standard does not state that telephones are required at marker boards. However, the standard states that telephones should not be needed where GSM-R is provided. The glossary states that GSM-R is needed for ETCS, so this implies that there is no need for lineside telephones in ETCS areas.	I think that a section in the ETCS standard should back up the implication in 8048 that lineside telephones are not needed for drivers when GSM-R is provided for ETCS level 2. However, the same section should dictate that lineside phones may still be needed for level crossings and staff at points.	6
RIS-8060-CCS	Engineering Requirements for Dispatch of Trains from Platforms	1	02/09/2017	Rail Industry Standard	Y	Y	Y	Y	All	Standard already covers ETCS. May need updating to cover station dwell times regulation by TMS + C-DAS.	Type of indicators used by dispatch staff is limited to traditional alphanumeric / banner style. Out of date references to GK/RT0045 and performance category.	Potential new technology may provide alternative solution to an Alphanumeric indicator. However as this is a RIS it doesn't preclude doing something else provided CSM-RA applied.	N/A
RIS-8070-TOM	Testing Railway Safety Critical Workers for Drugs and Alcohol	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-8072-CCS	ERTMS National Identities Management	1	03/12/2016	Rail Industry Standard	Y	N	N	N	None	Standard written specifically for Digital Railway.	Nil	Nil	N/A
RIS-8217-TOM	Introduction and Use of Axle Counters - Managing the Risk	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-8250-RST	Reporting High Risk Defects	1	03/12/2016	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-4472-RST	Engineering Requirements for Steam Locomotives and other Heritage Rail Vehicles	1	02/12/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. C-DAS and TMS not believed to be applicable.	Nil	Nil	N/A
RIS-2770-RST	Movement of Continental Wagons on the GB Network	1	02/12/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2453-RST	Vehicle Registration, Marking and	1	02/12/2017	Rail Industry	Y	N	N	N	None	Standard already covers ETCS. C-DAS	Nil	Nil	N/A

	Numbering			Standard						and TMS not believed to be applicable.			
RIS-0725-CCS	Electromagnetic Compatibility of Train Detection Infrastructure with Rail Vehicles	1	02/12/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2003-RST	Certification and Registration of Heritage Rail Vehicles Operating on the GB Mainline Railway	1	02/12/2017	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. C-DAS and TMS not believed to be applicable.	Nil	Nil	N/A
RIS-2273-RST	Post Incident and Post Accident Testing of Rail Vehicles	2	02/12/2017	Rail Industry Standard	Y	N	N	Y	See below.	Although standard discusses preservation of data, consideration should be given to specific ETCS/ATO elements that may need to be addressed.	See below.	See below.	3
									2.3 Specific requirements applicable to brake systems following an incident or accident		Specifically written around a 'conventional' train. Are there specific issues such as ETCS activating traction cut-off that may impact the ability of a train to stop if blends friction and regen braking?		N/A
									2.3.3 SPAD, station over-run or a report of a train(s) having poor brakes			Are there any specific considerations that need to be considered for ATO?	N/A
									2.6 Specific requirements for speed indicating equipment following an incident or accident		Tests written specifically around a conventional speedometer, does ETCS (where ETCS provides the prime speed display), need to be considered in relation to this testing process, particularly if the odometry system uses a combination of sensors including accelerometers and RADAR?		N/A
RIS-2750-RST	Supplier Assurance	1	02/12/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

RIS-2766-RST	Rail Industry Standard for Wheelsets	1	02/12/2017	Rail Industry Standard	Y	N	N	Y	4.7.4	Updates may be needed to cover configuration of wheel diameters in ETCS on-board equipment and changes to these diameters following re-profiling.	A additional clause should be considered stating that "When replacement wheelsets are fitted or existing wheelsets are reprofiled on axels used for ETCS distance measurement the wheel diameters stored in the ETCS on board equipment shall be updated with the new diameters" or the reader could be "referred to the vehicle maintenance plan" or words to that effect.	Updating of altered wheel diameters in ETCS on board systems is not specified.	3
RIS-3440-TOM	Operation of Heritage Trains	2	02/12/2017	Rail Industry Standard	Y	N	N	Y	None	There is no reference to ETCS on board systems but there is also no specific redference to TPWS, AWS or ATP. Therefore it would seem there is no requirement to specifiacly mention ETCS because this would be a route restriction for an unfitted traction unit.	None proposed following a detailed review.	None	N/A
RIS-2795-RST	Track to Train RFID Compatibility	2	02/12/2017	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-7700-INS	Rail Industry Standard for Station Infrastructure	3	02/06/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-8270-RST	Route Level Assessment of Technical Compatibility between Vehicles and Infrastructure	1	02/06/2018	Rail Industry Standard	Y	N	Y	Y	See below.	Standard already covers ETCS. TMS is an infrastructure only system, hence does not affect compatibility. Minor updates may be needed to cover C-DAS compatibility.	See below.	See below.	1
									B.2.3 Table 1		Reference to C-DAS and TMS should be considered as changes to the in infrastructure/vehicles could impact upon both of these systems		N/A

									Abbreviations and Acronyms		Update to reference relevant TMS/C-DAS details		N/A
RIS-2777-RST	Functionality and Management of Track Circuit Assisters (TCAs) on Rail Vehicles	1	02/06/2018	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. C-DAS and TMS not believed to be applicable.	Nil	Nil	N/A
RIS-7016-INS	Interface between Station Platforms, Track, Trains and Buffer Stops	1	02/06/2018	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-0386-CCS	Rail Industry Standard on Signal Overrun Risk Evaluation and Assessment	1	06/12/2014	Rail Industry Standard	Y	N	N	Y	<i>See below.</i>	Standard refers to ETCS as a potential risk mitigation. Further updates may be needed to cover ETCS degraded mode operation.	No change needed. Standard is explicit that it concerns lineside signalling.	A section on the ETCS standards, maybe the drivability equivalent, should state that an overrun risk assessment is not necessary with full ATP. This standard states that full ATP can be used as a reference system, negating the need to do an explicit SORAT risk estimation. However, with mixed traffic areas that retain lineside signalling, the full SORAT process should be followed. The SORAT process does allow the application of ETCS at a signal, so a pointer in the Digital Railway standard would be ideal.	N/A
RIS-1530-PLT	Rail Industry Standard for Technical Requirements for On-Track Plant and their Associated Equipment and Trolleys	6	05/12/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

RIS-1700-PLT	Rail Industry Standard for Safe Use of Plant for Infrastructure Work	3	05/03/2011	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-1701-PLT	Rail Industry Standard for Portable and Transportable Plant Used for Infrastructure Work	4	05/12/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-1702-PLT	Rail Industry Standard for the Design of On-track Machines in Working and Travelling Modes	1	07/12/2013	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-1710-PLT	Rail Industry Standard for Engineering Certification of Railborne Plant	1	05/12/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-1800-ENE	Rail Industry Standard for Network and Depot Interface Management - Isolation Documentation	1	04/12/2010	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2703-RST	Rail Industry Standard for Driver Only Operated On-train Camera / Monitor Systems	1	07/06/2014	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2704-RST	Rail Industry Standard for Wheelsets Handling and Storage	1	06/06/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2705-RST	Rail Industry Standard for Crippling and Release of Freight Wagons	2	07/06/2014	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2706-RST	Rail industry Standard for recording of Rolling Stock Data	1	02/03/2013	Rail Industry Standard	Y	N	N	N	None	Standard already covers ETCS. Standard not believed to be relevant to C-DAS / TMS.	Nil	Nil	N/A
RIS-2708-RST	Rail Industry Standard Freight Technical Committee Audit Protocol	1	07/03/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-2773-RST	Format for Vehicle Gauging Data	1	02/03/2013	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A

RIS-2790-RST	Rail Industry Standard for Compatibility for Rail Vehicle Couplings and Interconnectors	1	07/03/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-3702-TOM	Rail Industry Standard for Management of Route Knowledge for Drivers, Train Managers, Guards and Driver Managers	2	06/12/2014	Rail Industry Standard	Y	N	N	Y	See below.	Updates needed to consider route learning requirements on Digital Railway lines.	See below.	See below.	1
									G2.1 Determining what basic route knowledge is required by staff		No details regarding ETCS or C-DAS		N/A
									G2.10 Assessing Impact of Change on Route Knowledge and Route Competence Requirements		This section may need to consider the introduction of DR technologies?		N/A
									Appendix A Factors to assess part of the route risk assessment		This section may need to consider the introduction of DR technologies?		N/A
									Appendix B List of Route Knowledge Requirements		This may need to detail C-DAS, should Signalling entries actually be "signalling and Control"		N/A
RIS-3751-TOM	Rail Industry Standard for Train Driver Selection	3	06/06/2015	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-7701-INS	Rail Industry Standard for Automatic Ticket Gates at Stations	1	04/06/2011	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
RIS-7702-INS	Rail Industry Standard for Lighting at Stations	1	01/06/2013	Rail Industry Standard	N	N	N	N	None	N/A	Nil	Nil	N/A
Industry Good Practice Guides													
RS800	Managing drivers on routes undergoing significant change.	1	05/12/2015	Good Practice Guide	Y	N	Y	N	None	Guidance is generic, not specific to changes introduced by Digital Railway or other technologies.	Nil	Nil	N/A
RS100	Good Practice Guide on Competence Development	1	02/03/2013	Good Practice Guide	Y	Y	Y	N	None	Generic guidance, not specific to any technology hence no	Nil	Nil	N/A

										updates needed.			
RS232	Good Practice Guide on Cognitive and Individual Risk Factors	1	04/10/2008	Good Practice Guide	Y	N	N	N	None	Generic guidance, not specific to any technology hence no updates needed.	Nil	Nil	N/A
RS504	Fatigue Management - A Good Practice Guide	1	01/09/2012	Good Practice Guide	N	N	N	N	None	N/A	Nil	Nil	N/A
Industry Codes of Practice													
GMRC2513	Commentary on Permissible Track Forces for Railway Vehicles	1	01/04/1995	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2531	Recommendations for Rail Vehicle Emergency Lighting	1	02/08/2008	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2532	Recommendations for Rail Vehicles Emergency and Safety Equipment	1	02/08/2008	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2533	Recommendations for Communication of Rail Vehicle Emergency & Safety Information	1	02/08/2008	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2534	Recommendations for Rail Vehicle Emergency Evacuation	1	02/08/2008	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2542	Recommendations for Determination of Aerodynamic Rolling Moment Coefficient	1	03/10/2009	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
GMRC2641	Recommendations for Vehicle Static Testing	2	01/08/2009	Code of Practice	N	N	N	N	None	N/A	Nil	Nil	N/A
Rule Book Manuals & Handbooks													
GERT8000-HB11	Duties of the person in charge of the possession (PICOP)	6	02/12/2017	Handbook	N	N	N	N	None	There is already an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-HB12	Duties of the engineering supervisor (ES) or safe work leader (SWL) in a possession	6	02/12/2017	Handbook	N	N	N	N	None	There is already an equivalent ERTMS module.	Nil	Nil	N/A

GERT8000-HB15 ERTMS	Duties of the machine controller (MC) and on-track plant operator on ERTMS lines where lineside signals are not provided	3	02/12/2017	Handbook	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
GERT8000-HB15	Duties of the machine controller (MC) and on-track plant operator	5	02/12/2017	Handbook	N	N	N	N	None	There is already an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-HB21	Safe work leader (SWL) blocking a line	3	02/12/2017	Handbook	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-HB8	IWA, COSS or PC blocking a line	6	02/12/2017	Handbook	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-HB9	IWA or COSS setting up safe systems of work within possessions	6	02/12/2017	Handbook	N	N	N	N	None	There is already an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-Issue HB	Rule Book Hand Book Issue History	9	02/12/2017	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB1	General duties and track safety for track workers	4	05/12/2015	Handbook	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-HB10	Duties of the COSS or SWL and person in charge when using a hand trolley	4	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB13	Duties of the person in charge of the siding possession (PICOS)	2	06/12/2014	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB14	Duties of the person in charge of loading and unloading rail vehicles during engineering work	2	07/06/2014	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB16	AC electrified lines	3	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB17	DC electrified lines	3	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB18	Duties of a level crossing attendant	4	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB19	Work on signalling equipment - duties of the signalling technician	3	05/12/2015	Handbook	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A

GERT8000-HB2	Instructions for track workers who use emergency protection equipment	2	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB20	General duties of a safe work leader (SWL) working outside a possession	2	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB3	Duties of the lookout and site warden	3	06/12/2014	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB4	Duties of a points operator and route-setting agent - moving and securing points by hand	2	06/12/2014	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB5	Handsignalling duties	2	03/12/2011	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB6	General duties of an individual working alone (IWA)	5	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB7	General duties of a controller of site safety (COSS)	5	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
RS516	Cab Secure Radio (CSR) Handbook	1	07/06/2008	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
RS520	GSM-R (IVRS) Radio system Handbook	1	04/12/2010	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
RS521	Signals, Handsignals, Indicators and Signs Handbook	4	03/12/2016	Handbook	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
RS522	AWS and TPWS Handbook	3	05/12/2015	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
RS523 GSM-R	GSM-R Handbook	1.2	02/06/2018	Handbook	N	N	N	N	None	N/A	Nil	Nil	N/A
GERM8000-possessionworkers	Possession Workers Manual	2	02/12/2017	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A
GERM8000-trackworkers	Track Workers Manual	4.2	02/06/2018	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A
GERM8000-trainoperationsstaff	Train Operations Staff Manual	5.1	02/06/2018	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A
GERM8000-master-module	Master Module Manual	5.1	02/06/2018	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A

GERM8000-signallersignallingtechnician	Signaller and Signalling Technician Manual	5.1	02/06/2018	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A
GERM8000-traindriver	Train Driver Manual	5.1	02/06/2018	Manual	Y	N	N	N	None	Manual is a collation of other modules rather than a module in its own right.	Nil	Nil	N/A
GORT3053	Working Manual for Rail Staff Handling and Carriage of Dangerous Goods	6	03/06/2017	Manual Pink Pages	N	N	N	N	None	N/A	Nil	Nil	N/A
GORT3053-1	Working Manual for Rail Staff Handling and Carriage of Dangerous Goods - Appendix 1 - List of Dangerous Goods with their United Nations Number, Dangerous Goods Class and TOPS Commodity Code	8	03/06/2017	Manual Pink Pages	N	N	N	N	None	N/A	Nil	Nil	N/A
GORT3053-2	Working Manual for Rail Staff Handling and Carriage of Dangerous Goods - Appendix 2 - Bulk Traffic Dangerous Goods, Wagon and Container Separation Distance Requirements / Prohibitions	6	05/12/2015	Manual Pink Pages	N	N	N	N	None	N/A	Nil	Nil	N/A
GORT3056	Working Manual for Rail Staff - Freight Train Operations	5	02/12/2017	Manual White Pages	N	N	N	N	None	N/A	Nil	Nil	N/A
Rule Book Modules & Forms													
GERT8000-AC	AC electrified lines	4	05/12/2015	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-DC	DC electrified lines	4	05/12/2015	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-HB11 ERTMS	Duties of the person in charge of the possession (PICOP) on ERTMS lines where lineside signals are not provided	2	05/12/2015	Rule Book Module	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A

GERT8000-HB12 ERTMS	Duties of the engineering supervisor (ES) or safe work leader (SWL) in a possession on ERTMS lines where lineside signals are not provided	2	05/12/2015	Rule Book Module	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
GERT8000-HB9 ERTMS	IWA or COSS setting up safe systems of work within possessions on ERTMS lines where lineside signals are not provided	2	05/12/2015	Rule Book Module	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
GERT8000-TS10 ERTMS	ERTMS level 2 train signalling regulations	3	05/12/2015	Rule Book Module	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
GERT8000-G1	General safety responsibilities and personal track safety for non-track workers	6	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-Gloss	Glossary of Railway Terminology	4	02/12/2017	Rule Book Module	Y	N	N	N	None	Already includes ERTMS terminology. C-DAS / TMS terminology not believed to be applicable to Rule Book as they are advisory / regulation systems.	Nil	Nil	N/A
GERT8000-Issue	Rule Book Module Issue History	28	02/06/2018	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-M1	Dealing with a train accident or train evacuation	4	03/12/2016	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-M2	Train stopped by train failure	5	03/12/2016	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-M3	Managing incidents, floods and snow	2	05/12/2015	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-OTM	Working of on-track machines (OTM)	8	02/12/2017	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-P2	Working single and bi-directional lines by pilotman	4	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-	Nil	Nil	N/A

										DAS / TMS.			
GERT8000-P1	Single line working	6	05/12/2015	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-PoSA	Proceed-on-Sight Authority (PoSA)	3	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-S4	Trains or shunting movements detained on running lines	5	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-S5	Passing a signal at danger or an end of authority (EoA) without a movement authority (MA)	7	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-S7	Observing and obeying fixed signals: Train warning systems: Reporting signalling failures and irregularities	3	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-SP	Speeds	5	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-SS1	Station duties and train dispatch	5	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-SS2	Shunting	5	05/12/2015	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-T3 ERTMS	Possession of an ERTMS running line for engineering work where lineside signals are not provided	4	03/12/2016	Rule Book Module	Y	N	N	N	None	Module produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
GERT8000-T3	Possession of a running line for engineering work	8	02/12/2017	Rule Book Module	N	N	N	N	None	There is an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-T10	Duties of a designated person (DP) and people working on rail vehicles	4	06/12/2014	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-TS4	Electric token block regulations	4	06/12/2014	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A
GERT8000-TS7	No-signaller token regulations	5	06/12/2014	Rule Book Module	N	N	N	N	None	N/A	Nil	Nil	N/A

GERT8000-TS11	Failure of, or work on, signalling equipment - signallers' regulations	3	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TS1	General Signalling Regulations	12.1	03/03/2018	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TS2	Track circuit block regulations	4	07/06/2014	Rule Book Module	N	N	N	N	None	There is an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-TS3	Absolute block regulations	6	05/12/2015	Rule Book Module	N	N	N	N	None	There is an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-TS5	Tokenless block regulations	4	07/06/2014	Rule Book Module	N	N	N	N	None	There is an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-TS8	One-train working regulations	4	07/06/2014	Rule Book Module	N	N	N	N	None	There is an equivalent ERTMS module.	Nil	Nil	N/A
GERT8000-TS9	Level crossings - signallers' regulations	4	05/12/2015	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TW5	Preparation and movement of trains: Defective or isolated vehicles and on-train equipment	8	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TW7	Wrong-direction movements	7	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TW8	Level crossings - drivers' instructions	8	02/12/2017	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
GERT8000-TW1	Preparation and movement of trains	13	02/06/2018	Rule Book Module	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
Form RT3113	Blocking of Lines for Electric Traction Purposes - AT Form	12-03	06/12/2003	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3114	Blocking of Lines for Electric Traction Purpose - AS Form	12-03	06/12/2003	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3116	Overhead Line Permit	06-07	02/06/2007	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A

Form RT3154	Pilotman's Form for Working of Single Lines and Bi-Directional Lines by Pilotman	12-03	06/12/2003	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A
Form RT3154 ERTMS	Pilotman's form for working of single and bi-directional ERTMS lines by pilotman	06-13	01/06/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3155	Signaller's Form for Working of Single and Bi-Directional Lines by Pilotman	12-03	06/12/2003	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A
Form RT3155 ERTMS	Signaller's form for working of single and bi-directional ERTMS lines by pilotman	06-13	01/06/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3156 ERTMS	Driver's ticket for working of single and bi-directional ERTMS lines by pilotman	06-13	01/06/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3156	Drivers Ticket for Working of Single and Bi-Directional Lines by Pilotman	3	05/12/2009	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A
Form RT3177	Modified Working Arrangements Driver's Ticket	6	02/06/2012	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3183	Agent's Point Setting Form	06-04	07/06/2014	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3184	Temporary Block Working Ticket	12-14	06/12/2014	Rule Book Form	N	N	N	N	None	Effectively covered by Form RTWO01	Nil	Nil	N/A
Form RT3186	Release of signalling controls	12-13	07/12/2013	Rule Book Form	Y	N	N	Y	Throughout	The form does not include ETCS terminology	Terminology should be updated to cover ETCS block markers / RSPs as well as signals.	RTCS terminology is not included.	3
Form RT3187	Signal engineering work	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Standard sufficiently generic as to not require changing for ERTMS.	Nil	Nil	N/A
Form RT3188	Activation of TPWS other than a signal passed at danger (SPAD)	02-05	05/02/2005	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3192	Signaller's Single Line Working Form	06-14	07/06/2014	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3193	Driver's Single Line Working Ticket	12-14	06/12/2014	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A

Form RT3198	Possession Arrangements Form	12-14	06/12/2014	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A
Form RT3199	Work-site Certificate	12-14	06/12/2014	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A
Form RTWO01	Written Order 01 Permission To Start In SR Or To Pass An EOA Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RTWO02	Written Order 02 Permission to Proceed After Train Trip Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RTWO05	Written Order 05 Permission To Proceed Under Modified Working Arrangements on Single and Bi-Directional Lines Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3191	Pilotman's Single Line Working Form	12-16	03/12/2016	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3198 ERTMS	Possession arrangements form (T3 ERTMS)	12-15	05/12/2015	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3199 ERTMS	Engineering Supervisor's Certificate	12-15	05/12/2015	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RTWO03	Written Order 03 Instruction to Run At Caution Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RTWO04	Written Order 04 Permission to Make a Wrong-Direction Movement Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form NR3180	NR3180 Line Blockage Form	12-17	15/12/2017	Rule Book Form	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A

Form RT3112	Blocking of Lines for Electric Traction Purposes - AE Form	12-03	06/12/2003	Rule Book Form	N	N	N	N	None	N/A	Nil	Nil	N/A
Form RT3185	Reporting a signal / AWS / TPWS / ATP / TVM failure or irregularity	12-15	05/12/2015	Rule Book Form	Y	N	N	N	None	Already updated for ETCS. Not believed to be applicable to C-DAS / TMS.	Nil	Nil	N/A
Form RT3189 ERTMS	Train Trip or Unauthorised Movement Form	12-13	07/12/2013	Rule Book Form	Y	N	N	N	None	Form produced specifically for ETCS. No C-DAS / TMS updates believed necessary.	Nil	Nil	N/A
Form RT3189	Signal Passed At Danger (SPAD)	12-13	07/12/2013	Rule Book Form	N	N	N	N	None	There is an equivalent ERTMS form.	Nil	Nil	N/A