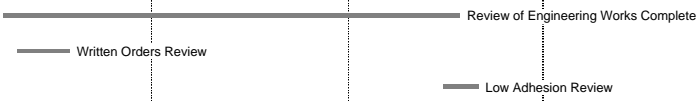


### ERTMS Standards Programme

ID	WBS	Project Name	start	finish	Half 1, 2007	Half 2, 2007	Half 1, 2008	Half 2, 2008	Half 1, 2009	Half 2, 2009	Half 1, 2010	Half 2, 2010	Half 1, 2011	Half 2, 2011	Half 1, 2012	Half 2, 2012
1		ERTMS Standards General Activities	01/05/07	09/02/10	ERTMS Standards General Activities											
114	2	ERTMS Standards Programme (RGS)	01/05/07	18/01/11	ERTMS Standards Programme (RGS)											
115	2.1	<b>RULE BOOK</b>	03/09/07	14/01/11	RULE BOOK											
116	2.1.1	Develop Proposal	13/11/07	19/11/07	Develop Proposal											
117	2.1.2	Reproduction & distribution of documentation to EOSRG members	20/11/07	03/12/07	Reproduction & distribution of documentation to EOSRG members											
118	2.1.3	EOSRG Review Proposal for new, or changes to, Standards	17/12/07	17/12/07	EOSRG Review Proposal for new, or changes to, Standards											
119	2.1.4	Revise Proposal incorporating comments	17/12/07	24/12/07	Revise Proposal incorporating comments											
120	2.1.5	Reproduction & distribution of documentation to SC members	24/12/07	22/01/08	Reproduction & distribution of documentation to SC members											
121	2.1.6	SC Review Proposal for new, or changes to, Standards	05/02/08	29/02/08	SC Review Proposal for new, or changes to, Standards											
125	2.1.7	Proposal Agreed	29/02/08	29/02/08	Proposal Agreed											
126	2.1.8	Add Outline Project Plan to RSSB programme.	03/03/08	03/03/08	Add Outline Project Plan to RSSB programme.											
127	2.1.9	Prepare and Review Project Plan	03/03/08	07/03/08	Prepare and Review Project Plan											
128	2.1.10	Reproduction & distribution of documents to EOSRG	10/03/08	25/03/08	Reproduction & distribution of documents to EOSRG											
129	2.1.11	EOSRG Review Project Plan	22/04/08	22/04/08	EOSRG Review Project Plan											
130	2.1.12	Reproduction & distribution of doc. to SC	15/05/08	05/06/08	Reproduction & distribution of doc. to SC											
131	2.1.13	SC Advised of Project Plan (Option)	06/06/08	24/06/08	SC Advised of Project Plan (Option)											
135	2.1.14	SDE Stds agree Project Plan	24/06/08	27/08/08	SDE Stds agree Project Plan											
136	2.1.15	Review Measures	10/12/07	21/01/08	Review Measures											
137	2.1.16	Draft Standards	03/09/07	14/01/11	Draft Standards											
138	2.1.16.1	GE/RT8000/AC2 (Minor) - ON HOLD	06/04/09	30/03/10	GE/RT8000/AC2 (Minor) - ON HOLD											
177	2.1.16.2	GE/RT8000/AC3 (Minor) - ON HOLD	08/04/09	30/03/10	GE/RT8000/AC3 (Minor) - ON HOLD											
216	2.1.16.3	GE/RT8000/BRIEF (Major)	19/10/09	21/12/09	GE/RT8000/BRIEF (Major)											
223	2.1.16.4	GE/RT8000/G1 (Minor)	22/01/08	03/12/09	GE/RT8000/G1 (Minor)											
260	2.1.16.5	GE/RT8000/G2 (Minor)	22/01/08	03/12/09	GE/RT8000/G2 (Minor)											
297	2.1.16.8	GE/RT8000/M1 (Minor)	22/01/08	03/12/09	GE/RT8000/M1 (Minor)											
334	2.1.16.9	GE/RT8000/M2 (Minor)	22/01/08	03/12/09	GE/RT8000/M2 (Minor)											
370	2.1.16.10	GE/RT8000/M4 (Minor)	22/01/08	03/12/09	GE/RT8000/M4 (Minor)											
406	2.1.16.11	GE/RT8000/M5 (Minor)	22/01/08	03/12/09	GE/RT8000/M5 (Minor)											
443	2.1.16.12	GE/RT8000/OTM (Minor)	22/01/08	03/12/09	GE/RT8000/OTM (Minor)											
480	2.1.16.13	GE/RT8000/OTP (Minor)	14/04/08	03/12/09	GE/RT8000/OTP (Minor)											
521	2.1.16.14	GE/RT8000/P2 ERTMS Working ERTMS single lines by pilotman	21/04/08	03/12/09	GE/RT8000/P2 ERTMS Working ERTMS single lines by pilotman											
562	2.1.16.15	GE/RT8000/S1 Signals and indicators controlling train movements	03/03/08	03/12/09	GE/RT8000/S1 Signals and indicators controlling train movements											
599	2.1.16.16	GE/RT8000/S6ERTMS (New)	22/01/08	03/12/09	GE/RT8000/S6ERTMS (New)											
641	2.1.16.17	GE/RT8000/S3 Train warning systems (AWS and TPWS) and reporting signalling failures and irregularities	17/03/08	03/12/09	GE/RT8000/S3 Train warning systems (AWS and TPWS) and reporting signalling failures and irregularities											
678	2.1.16.18	GE/RT8000/S4 ERTMS Trains detained on ERTMS running lines	22/01/08	03/12/09	GE/RT8000/S4 ERTMS Trains detained on ERTMS running lines											
715	2.1.16.19	GE/RT8000/S5 ERTMS Passing an End of Authority (EOA) without a Movement Authority (MA)	22/01/08	03/12/09	GE/RT8000/S5 ERTMS Passing an End of Authority (EOA) without a Movement Authority (MA)											
755	2.1.16.20	GE/RT8000/SP ERTMS (New)	14/04/08	03/12/09	GE/RT8000/SP ERTMS (New)											
792	2.1.16.21	GE/RT8000/SS1 (Minor)	18/03/08	03/12/09	GE/RT8000/SS1 (Minor)											
833	2.1.16.22	GE/RT8000/SS2 Shunting	25/02/08	03/12/09	GE/RT8000/SS2 Shunting											
870	2.1.16.23	GE/RT8000/T11 ERTMS	12/05/08	03/12/09	GE/RT8000/T11 ERTMS											
907	2.1.16.24	GE/RT8000/T12 (Major)	15/04/08	03/12/09	GE/RT8000/T12 (Major)											
948	2.1.16.25	GE/RT8000/T1A (Major)	22/01/08	03/12/09	GE/RT8000/T1A (Major)											
988	2.1.16.26	GE/RT8000/T1B Movement of trains during failure of, or when working on, signalling equipment	17/03/08	03/12/09	GE/RT8000/T1B Movement of trains during failure of, or when working on, signalling equipment											
1025	2.1.16.27	GE/RT8000/T2 ERTMS	07/04/08	03/12/09	GE/RT8000/T2 ERTMS											
1066	2.1.16.28	GE/RT8000/T3 ERTMS	15/04/08	03/12/09	GE/RT8000/T3 ERTMS											
1111	2.1.16.29	GE/RT8000/T4 (Minor)	22/01/08	03/12/09	GE/RT8000/T4 (Minor)											
1148	2.1.16.30	GE/RT8000/T5 (Minor)	19/11/07	03/12/09	GE/RT8000/T5 (Minor)											
1185	2.1.16.31	GE/RT8000/T6 (Minor)	22/01/08	03/12/09	GE/RT8000/T6 (Minor)											
1222	2.1.16.32	GE/RT8000/T7 (Minor)	01/05/08	03/12/09	GE/RT8000/T7 (Minor)											
1259	2.1.16.33	GE/RT8000/T8 (Major)	21/04/08	05/10/09	GE/RT8000/T8 (Major)											
1296	2.1.16.34	GE/RT8000/T9 Loading and unloading rail vehicles during engineering work	22/01/08	03/12/09	GE/RT8000/T9 Loading and unloading rail vehicles during engineering work											
1333	2.1.16.35	GE/RT8000/TS1 General signalling regulations	22/01/08	03/12/09	GE/RT8000/TS1 General signalling regulations											
1377	2.1.16.36	GE/RT8000/TS10 ERTMS Train Signalling Regulations	22/01/08	03/12/09	GE/RT8000/TS10 ERTMS Train Signalling Regulations											
1419	2.1.16.37	GE/RT8000/TW1 (Major)	21/04/08	03/12/09	GE/RT8000/TW1 (Major)											

### ERTMS Standards Programme

ID	WBS	Project Name	start	finish	Half 1, 2007	Half 2, 2007	Half 1, 2008	Half 2, 2008	Half 1, 2009	Half 2, 2009	Half 1, 2010	Half 2, 2010	Half 1, 2011	Half 2, 2011	Half 1, 2012	Half 2, 2012
1459	2.1.16.38	GE/RT8000/TW2 (Minor)	03/09/07	03/12/09												
1496	2.1.16.39	GE/RT8000/TW3 (Minor)	22/01/08	03/12/09												
1533	2.1.16.40	GE/RT8000/TW5 (Major)	04/03/08	03/12/09												
1570	2.1.16.41	GE/RT8000/TW7 Wrong-direction movements	22/01/08	03/12/09												
1607	2.1.16.42	GE/RT8000/TW8 ERTMS (Major)	22/01/08	08/02/10												
1646	2.1.16.43	GE/RT8000/T10 Personnel working on or near the line on rail vehicles and in sidings	26/11/07	03/12/09												
1683	2.1.16.44	GE/RT8000/S2 Observing & Obeying Signals	03/04/08	03/12/09												
1720	2.1.16.45	GE/RT8000/S4 Trains detained on running lines	03/04/08	03/12/09												
1757	2.1.16.46	GE/RT8000/S5 Passing a signal at danger	03/04/08	03/12/09												
1794	2.1.16.47	GE/RT8000/P1 Single line working - ON HOLD	26/01/09	17/12/10												
1832	2.1.16.48	GE/RT8000/SP Speeds	06/05/08	03/12/09												
1870	2.1.16.49	GE/RT8000/T2 Protecting engineering work or a hand trolley on a line not under possession	06/05/08	03/12/09												
1907	2.1.16.50	GE/RT8000/T3 Possession of the line for engineering work	06/05/08	03/12/09												
1944	2.1.16.51	GE/RT8000/T11 Movements of engineering trains under T3 arrangements	06/05/08	03/12/09												
1981	2.1.16.52	GE/RT8000/TS9 Level crossings - signallers' instructions	06/05/08	03/12/09												
2018	2.1.16.53	GE/RT8000/AC1 AC electrified lines: Part A Dangers of the system, description of equipment and communications. Part B Emergency procedures - ON HOLD	02/03/09	14/01/11												
2056	2.1.16.54	GE/RT8000/DC DC - Electrified Lines Instructions - ON HOLD	02/03/09	14/01/11												
2094	2.1.16.55	GE/RT8000/TS2 Track circuit block regulations	19/05/08	03/12/09												
2131	2.1.16.56	GE/RT8000/TS3 Absolute block regulations	19/05/08	21/09/10												
2169	2.1.16.57	GE/RT8000/TS4 Electric token block regulations	19/05/08	21/09/10												
2206	2.1.16.58	GE/RT8000/TS5 Tokenless block regulations	19/05/08	21/09/10												
2243	2.1.16.59	GE/RT8000/TS7 No-signaller token regulations	19/05/08	21/09/10												
2280	2.1.16.60	GE/RT8000/TS8 One-train working regulations	19/05/08	21/09/10												
2317	2.1.16.61	GE/RT8000/TW6 Working single lines with or without a train staff or token	19/05/08	03/12/09												
2354	2.1.16.62	GE/RT8000/P2 Working single and bi-directional lines by pilotman	19/05/08	03/12/09												
2391	2.1.17	Consultation Start - first batch	21/02/08	21/02/08												
2392	2.1.18	Review of Engineering Works Complete	14/02/08	14/04/09												
2401	2.1.19	Written Orders Review	27/02/08	15/04/08												
2407	2.1.20	Low Adhesion Review	30/03/09	01/05/09												
2410	2.1.21	RSSB Permissive Working Complete	05/01/09	05/01/09												
2411	2.1.22	Rule Book Complete	14/01/11	14/01/11												
2412	2.2	GE/RT8026 (Major) - ON HOLD	13/11/07	18/02/10												
2469	2.3	GE/RT8047 (Reporting of Safety Related Information)	13/11/07	08/02/10												
2497	2.4	GE/RT8060 Technical Requirements for Despatch of Trains from Platforms	13/11/07	25/02/08												
2551	2.5	GE/RT8250 Safety Performance Monitoring & Defect Reporting of Rail Vehicles, Plant & Machinery - ON HOLD	13/11/07	02/02/09												
2578	2.6	GI/RT7006 & GI/GN7606 Prevention and Mitigation of Overruns - Risk Assessment - WITHDRAW	13/11/07	20/05/10												
2632	2.7	GI/RT7012 (GI/RT0192) Requirements for Level Crossings	13/11/07	05/04/10												
2657	2.8	GI/RT7033 Lineside Operational Safety Signs	13/11/07	30/11/09												
2712	2.9	GK/GN0525 Guidance Note: Signalling Control Centres. Parts A-E (General / SCCs with lever frames, non route setting panels or block shelf switches) - ON HOLD	13/11/07	17/12/09												
2765	2.10	GK/RT0011 & GK/GN0611 (Minor)	01/02/08	26/02/08												
2769	2.11	GK/GN0802 Glossary of Signalling Terms - ON HOLD	13/11/07	02/07/10												
2827	2.12	GK/RT0009 Identification of Signalling and Related Equipment	13/11/07	03/10/09												
2885	2.13	GK/RT0025 Signalling Control and Display Systems - ON HOLD	13/11/07	10/11/10												
2935	2.14	GK/RT0031 Lineside Signals and Indicators	13/11/07	12/06/08												
2952	2.15	GK/RT0036 Transition between Lineside Signalling Systems and other Systems of Train Control - ON HOLD	13/11/07	28/04/10												
3008	2.16	GK/RT0038 Signing of Permissible Speeds and Speed Restrictions	13/11/07	12/06/08												
3025	2.17	GK/RT0044 Controls for Signalling a Train onto an Occupied Line - ON HOLD	13/11/07	18/03/10												
3079	2.18	GK/RT0060 Interlocking Principles - ON HOLD	13/11/07	18/02/10												
3166	2.19	GK/RT0061 Shunters Releases, Ground Frames, Switch Panels and Gate Boxes - ON HOLD	13/11/07	18/03/10												
3220	2.20	GK/RT0063 Approach Locking & Train Operated Route Release - ON HOLD	13/11/07	17/12/09												



3	Added to programme	◆	Draft Complete	★	Consultation Period	▨	S C Review Final Draft	■	CD/Catalogue Dead	▲	Approve Project Plan	▼
	Approve Project Plan	⊙	S C Pre-Consultation Review	■	S C Review Comments	■	Authorise	●	Added to programme	■	Draft Complete	▶

ERTMS Standards Programme

ID	WBS	Project Name	start	finish	Half 1, 2007	Half 2, 2007	Half 1, 2008	Half 2, 2008	Half 1, 2009	Half 2, 2009	Half 1, 2010	Half 2, 2010	Half 1, 2011	Half 2, 2011	Half 1, 2012	Half 2, 2012
3276	2.21	GK/RT0064 Provision of Overlaps, Flank Protection and Trapping - ON HOLD	13/11/07	20/05/10												
3331	2.22	GK/RT0106 Management of Safety Related Failures of Signalling and Operational	13/11/07	20/05/10												
3387	2.23	GK/RT0217 Technical Requirements for Axle Counters - ON HOLD	13/11/07	20/05/10												
3443	2.24	GM/GN2572 Guidance on the Provision of Automatic Train Protection Space Envelopes on Rail Vehicles - ON HOLD	01/05/07	09/12/08												
3470	2.25	GM/RT2040 Calculation of Brake-Force Data For Rolling Stock Library - ON HOLD	13/11/07	24/07/09												
3484	2.26	GM/RT2042 Braking System Requirements and Performance for Traction Units - ON HOLD	13/11/07	24/07/09												
3498	2.27	GM/RT2043 Braking System and Performance for Freight Trains - ON HOLD	13/11/07	24/07/09												
3512	2.28	GM/RT2044 Braking System Requirements and Performance for Multiple Units - ON HOLD	13/11/07	24/07/09												
3526	2.29	GM/RT2045 Braking Principles for Rail Vehicles - ON HOLD	13/11/07	24/07/09												
3540	2.30	GM/RT2046 Braking System Requirements and Performance for Trains Which Operate Above 125mile/h - ON HOLD	13/11/07	24/07/09												
3554	2.31	GM/RT2161 Requirements for Driving Cabs of Railway Vehicles (NO CHANGE)	13/11/07	06/02/09												
3575	2.32	GM/RT2185 Train Safety Systems (NO CHANGE)	13/11/07	11/11/08												
3594	2.33	GM/RT2273 Post Incident and Post Accident Testing of Vehicles - ON HOLD	13/11/07	23/04/10												
3650	2.34	GM/RT2453 Registration and Mandatory Data for Rail Vehicles - ON HOLD	13/11/07	23/04/10												
3704	2.35	GO/RC3537 Defective On-train equipment - ON HOLD	13/11/07	21/09/09												
3725	2.36	GO/RT3056/C Principles of safe freight train operation - ON HOLD	13/11/07	24/04/09												
3738	2.37	GO/RT3056/E Movement of freight trains - ON HOLD	13/11/07	24/04/09												
3751	2.38	GO/RT3251 (To be WITHDRAWN)	13/11/07	05/02/08												
3759	2.39	GO/RT3437 Defective On-Train equipment	13/11/07	21/09/09												
3780	2.40	GE/RT8408 ERTMS-ETCS Variable and ID Management (New)	13/11/07	21/01/10												
3834	2.41	GK/RT0410 ERTMS Reliability and Availability (New)	13/11/07	26/03/10												
3898	2.42	GK/RT0406 ERTMS Safety Requirements (New)	13/11/07	08/06/10												
3960	2.43	GE/RT8402 ERTMS-ETCS Driver Machine Interface (New) Unlikely to be progressed	13/11/07	18/01/11												
4022	2.44	Unique ETCS Equipment Identities (now incorporated in GK/RT0408)	13/11/07	12/06/08												
4042	2.45	ETCS ID Management (now incorporated in GK/RT0408)	13/11/07	12/06/08												
4062	2.46	GK/RT0407 ERTMS Principles (New)	13/11/07	17/12/09												
4118	2.47	GE/RT8401 ERTMS-ETCS Braking Model and Infrastructure Principles (New)	13/11/07	26/03/10												
4183	2.48	GK/RT0409 ERTMS Testing & Commissioning (New)	13/11/07	29/01/10												
4241	2.49	RS/517 ERTMS Driver's User Procedures - Version 1C	27/11/07	23/12/09												
4273	2.50	RS/518 ERTMS Signaller's User Procedures - Disposition Paper	27/11/07	27/10/09												
4302	2.51	RIS-0340-CCS ETCS Onboard Equipment (New)	19/05/08	07/06/10												
4367	2.52	RGS Standards Complete	18/01/11	18/01/11												
4368	3	ERTMS Standards Programme (NR Company Standards)	01/05/07	12/01/10												