IV

(Acts adopted before 1 December 2009 under the EC Treaty, the EU Treaty and the Euratom Treaty)

COMMISSION DECISION

of 19 October 2009

amending Decisions 2006/679/EC and 2006/860/EC as regards technical specifications for interoperability relating to subsystems of the trans-European conventional and high-speed rail systems

(notified under document C(2009) 7787)

(Text with EEA relevance)

(2010/79/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community (¹), and in particular Article 6(1) thereof,

Having regard to the recommendation of the European Railway Agency (ERA-REC-38-2009-ERTMS) of 24 April 2009, on updating the Annex A of the TSI Control Command and Signalling for High Speed and Conventional Rail systems,

Whereas:

(1) Commission Decision 2006/679/EC of 28 March 2006 concerning the technical specification for interoperability relating to the control-command and signalling subsystem of the trans-European conventional rail system (²) laid down the technical specification for interoperability (TSI) relating to the control-command and signalling subsystem of the trans-European conventional rail system.

(2) Commission Decision 2006/860/EC of 7 November 2006 concerning the technical specification for interoperability relating to the control-command and signalling subsystem of the trans-European high speed rail system (³) laid down the TSI relating to the control-command and signalling subsystem of the trans-European high speed rail system.

(3) In accordance with Article 2 of Commission Decision 2008/386/EC of 23 April 2008 modifying Annex A to

Decision 2006/679/EC concerning the technical specification for interoperability relating to the control-command and signalling subsystem of the trans-European conventional rail system and Annex A to Decision 2006/860/EC concerning the technical specification for interoperability relating to the control-command and signalling subsystem of the trans-European high-speed rail system (⁴), the ETCS specifications should be completed to include updated common test specifications.

(4) A number of technical documents referred to in Annex A to Decisions 2006/679/EC and 2006/860/EC must be updated to adapt them to technical progress.

(5) Decisions 2006/679/EC and 2006/860/EC should therefore be amended accordingly.

(6) The measures provided for in this Decision are in accordance with the opinion of the Railway Interoperability and Safety Committee, established in accordance with Article 29 of Directive 2008/57/EC,

HAS ADOPTED THIS DECISION:

Article 1

The list of mandatory specifications and the list of informative specifications set out in Annex A to Decision 2006/679/EC and in Annex A to Decision 2006/860/EC, are replaced by the list of mandatory specifications and the list of informative specifications contained in the Annex to this Decision. The footnotes referring to Decision 2002/731/EC in Annex H to the TSI attached to Decision 2006/679/EC and in Annex H to the TSI attached to Decision 2006/860/EC are deleted.

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(¹) OJ L 191, 18.7.2008, p. 1.
(²) OJ L 284, 16.10.2006, p. 1.
(³) OJ L 342, 7.12.2006, p. 1.

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(⁴) OJ L 136, 24.5.2008, p. 11.

Article 2

This Decision shall apply from 1 April 2010.

Article 3

This Decision is addressed to the Member States.

Done at Brussels, 19 October 2009.

For the Commission
Antonio TAJANI
Vice-President

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ANNEX

LIST OF MANDATORY SPECIFICATIONS

Index No	Reference	Document name	Version
1	ERA/ERTMS/003204	ERTMS/ETCS Functional Requirement Specification	5.0
2	Intentionally deleted		
3	UNISIG SUBSET-023	Glossary of Terms and Abbreviations	2.0.0
4	UNISIG SUBSET-026	System Requirement Specification	2.3.0
5	UNISIG SUBSET-027	FFFIS Juridical Recorder-Downloading Tool	2.3.0
6	UNISIG SUBSET-033	FIS for Man-Machine Interface	2.0.0
7	UNISIG SUBSET-034	FIS for the Train Interface	2.0.0
8	UNISIG SUBSET-035	Specific Transmission Module FFFIS	2.1.1
9	UNISIG SUBSET-036	FFFIS for Eurobalise	2.4.1
10	UNISIG SUBSET-037	Euroradio FIS	2.3.0
11	Reserved 05E537	Off line key management FIS	
12	UNISIG SUBSET-039	FIS for the RBC/RBC Handover	2.3.0
13	UNISIG SUBSET-040	Dimensioning and Engineering rules	2.3.0
14	UNISIG SUBSET-041	Performance Requirements for Interoperability	2.1.0
15	ERA SUBSET-108	Interoperability-related consolidation on TSI Annex A documents	1.2.0
16	UNISIG SUBSET-044	FFFIS for Euroloop sub-system	2.3.0
17	Intentionally deleted		
18	UNISIG SUBSET-046	Radio In-fill FFFS	2.0.0
19	UNISIG SUBSET-047	Track-side-Trainborne FIS for Radio In-Fill	2.0.0
20	UNISIG SUBSET-048	Trainborne FFFIS for Radio In-Fill	2.0.0
21	UNISIG SUBSET-049	Radio In-fill FIS with LEU/Interlocking	2.0.0
22	Intentionally deleted		
23	UNISIG SUBSET-054	Assignment of Values to ETCS variables	2.0.0
24	Intentionally deleted		
25	UNISIG SUBSET-056	STM FFFIS Safe Time Layer	2.2.0

Index No	Reference	Document name	Version
26	UNISIG SUBSET-057	STM FFFIS Safe Link Layer	2.2.0
27	UNISIG SUBSET-091	Safety Requirements for the Technical Interoperability of ETCS in Levels 1 & 2	2.5.0
28	Reserved	Reliability — Availability Requirements	
29	UNISIG SUBSET-102	Test specification for Interface 'k'	1.0.0
30	Intentionally deleted		
31	UNISIG SUBSET-094	UNISIG Functional Requirements for an On-board Reference Test Facility	2.0.2
32	EIRENE FRS	GSM-R Functional Requirements Specification	7
33	EIRENE SRS	GSM-R System Requirements Specification	15
34	A11T6001 12	(MORANE) Radio Transmission FFFIS for EuroRadio	12
35	ECC/DC(02)05	ECC Decision of 5 July 2002 on the designation and availability of frequency bands for railway purposes in the 876-880 and 921-925 MHz bands	
36a	Intentionally deleted		
36b	Intentionally deleted		
36c	UNISIG SUBSET-074-2	FFFIS STM Test cases document	1.0.0
37a	Intentionally deleted		
37b	UNISIG SUBSET-076-5-2	Test cases related to features	2.3.1
37c	UNISIG SUBSET-076-6-3	Test sequences	2.3.1
37d	UNISIG SUBSET-076-7	Scope of the test specifications	1.0.2
37e	Intentionally deleted		
38	06E068	ETCS marker board definition	1.0
39	UNISIG SUBSET-092-1	ERTMS EuroRadio Conformance Requirements	2.3.0
40	UNISIG SUBSET-092-2	ERTMS EuroRadio Test cases Safety Layer	2.3.0
41	Reserved UNISIG SUBSET 028	JRU Test Specification	
42	Intentionally deleted		
43	UNISIG SUBSET 085	Test Specification for Eurobalise FFFIS	2.2.2
44	Reserved	Odometry FIS	

Index No	Reference	Document name	Version
45	UNISIG SUBSET-101	Interface 'K' specification	1.0.0
46	UNISIG SUBSET-100	Interface 'G' specification	1.0.1
47	Reserved	Safety Requirements and Requirements to Safety Analysis for Interoperability for the Control-Command and Signalling Sub-System	
48	Reserved	Test specification for mobile equipment GSM-R	
49	UNISIG SUBSET-059	Performance requirements for STM	2.1.1
50	UNISIG SUBSET-103	Test specification for EUROLOOP	1.0.0
51	Reserved	Ergonomic aspects of the DMI	
52	UNISIG SUBSET-058	FFFIS STM Application Layer	2.1.1
53	Reserved AEIF-ETCS-Variables-Manual	AEIF-ETCS-Variables-Manual	
54	Intentionally deleted		
55	Reserved	Juridical recorder baseline requirements	
56	Reserved 05E538	ERTMS Key Management Conformance Requirements	
57	Reserved UNISIG SUBSET-107	Requirements on pre-fitting of ERTMS on-board equipment	
58	UNISIG SUBSET-097	Requirements for RBC-RBC Safe Communication Interface	1.1.0
59	Reserved UNISIG SUBSET-105	Requirements on pre-fitting of ERTMS track side equipment	
60	Reserved UNISIG SUBSET-104	ETCS version management	
61	Reserved	GSM-R version management	
62	Reserved UNISIG SUBSET-099	RBC-RBC Test specification for Safe Communication Interface	
63	UNISIG SUBSET-098	RBC-RBC Safe Communication Interface	1.0.0

LIST OF INFORMATIVE SPECIFICATIONS

Notes:

Type '1' specifications represent the current state of the work for the preparation of a mandatory specification still 'reserved'.

Type '2' specifications give additional information, justifying the requirements in mandatory specifications and providing help for their application.

Index B32 is intended to ensure unique references in the Annex A documents. As this is used for editorial purposes and to support future changes of documents referred only, it is not classified as a 'Type' and not linked to a mandatory Annex A document.

Documents B25, B27, B28, B29 and B30 are applicable only for the GSM-R DMI. For the ETCS DMI only B34 applies.

Index No	Reference	Document name	Version	Type
B1	EEIG 02S126	RAM requirements (chapter 2 only)	6	2 (index 28)
B2	EEIG 97S066	Environmental conditions	5	2 (index A5)
B3	UNISIG SUBSET-074-1	Methodology for testing FFFIS STM	1.0.0	2 (index 36)
B4	EEIG 97E267	ODOMETER FFFIS	5	1 (index 44)
B5	O_2475	ERTMS GSM-R QoS Test Specification	1.0.0	2
B6	UNISIG SUBSET-038	Off-line Key Management FIS	2.1.9	1 (index 11)
B7	UNISIG SUBSET-074-3	FFFIS STM test specification traceability of test cases with Specific Transmission Module FFFIS	1.0.0	2 (index 36)
B8	UNISIG SUBSET-074-4	FFFIS STM Test Specification Traceability of testing the packets specified in the FFFIS STM Application Layer	1.0.0	2 (index 36)
B9	UNISIG SUBSET 076-0	ERTMS/ETCS Class 1, Test plan	2.3.1	2 (index 37)
B10	UNISIG SUBSET 076-2	Methodology to prepare features	2.3.0	2 (index 37)
B11	UNISIG SUBSET 076-3	Methodology of testing	2.3.1	2 (index 37)
B12	UNISIG SUBSET 076-4-1	Test sequence generation: Methodology and Rules	1.0.2	2 (index 37)
B13	UNISIG SUBSET 076-4-2	ERTMS ETCS Class 1 States for Test Sequences	1.0.2	2 (index 37)
B14	UNISIG SUBSET 076-5-3	On-Board Data Dictionary	2.3.0	2 (index 37)
B15	UNISIG SUBSET 076-5-4	SRS v.2.2.2 Traceability	2.3.1	2 (index 37)
B16	UNISIG SUBSET 076-6-1	UNISIG test data base	2.3.1	2 (index 37)
B17	UNISIG SUBSET 076-6-4	Test Cases Coverage	2.3.1	2 (index 37)
B18	Intentionally deleted			
B19	UNISIG SUBSET 077	UNISIG Causal Analysis Process	2.2.2	2 (index 27)
B20	UNISIG SUBSET 078	RBC interface: Failure modes and effects analysis	2.4.0	2 (index 27)
B21	UNISIG SUBSET 079	MMI: Failure Modes and Effects Analysis	2.2.2	2 (index 27)
B22	UNISIG SUBSET 080	TIU: Failure Modes and Effects Analysis	2.2.2	2 (index 27)
B23	UNISIG SUBSET 081	Transmission system: Failure Modes and Effects Analysis	2.3.0	2 (index 27)

Index No	Reference	Document name	Version	Type
B24	UNISIG SUBSET 088	ETCS Application Levels 1 & 2 — Safety Analysis	2.3.0	2 (index 27)
B25	TS50459-1	Railway applications — European Rail Traffic Management System — Driver Machine Interface — part 1 — Ergonomic principles of ERTMS/ETCS/GSM-R Information	2005	2 (index 51)
B26	intentionally deleted	superseded by B34		
B27	TS50459-3	Railway applications — Communication, signalling and processing systems — European Rail Traffic Management System — Driver Machine Interface — part 3 — Ergonomic arrangements of ERTMS/GSM-R Information	2005	2 (index 51)
B28	TS50459-4	Railway applications — Communication, signalling and processing systems — European Rail Traffic Management System — Driver Machine Interface — part 4 — Data entry for the ERTMS/ETCS/GSM-R systems	2005	2 (index 51)
B29	TS50459-5	Railway applications — Communication, signalling and processing systems — European Rail Traffic Management System — Driver Machine Interface — part 5 — Symbols	2005	2 (index 51)
B30	TS50459-6	Railway applications — Communication, signalling and processing systems — European Rail Traffic Management System — Driver Machine Interface — part 6 — Audible Information	2005	2 (index 51)
B31	Reserved EN50xxx	Railway applications — European Rail Traffic Management System — Driver Machine Interface — part 7 — Specific Transmission Modules		2 (index 51)
B32	Reserved	Guideline for references		None
B33	EN 301515	Global System for Mobile communication (GSM); Requirements for GSM operation in railways	2.1.0	2 (index 32, 33)
B34	ERA-ERTMS-015560	ERTMS/ETCS Driver Machine Interface	2.3	1 (index 51)
B35	Reserved UNISIG SUBSET-069	ERTMS Key Management Conformance Requirements		1 (index 56)
B36	04E117	ETCS/GSM-R Quality of Service user requirements — Operational Analysis	1	2 (index 32)
B37	UNISIG SUBSET-093	GSM-R Interfaces — Class 1 requirements	2.3.0	1 (index 32, 33)
B38	UNISIG SUBSET-107A	Requirements on pre-fitting of ERTMS on-board equipment	1.0.0	2 (index 57)

Index No	Reference	Document name	Version	Type
B39	UNISIG SUBSET-076-5-1	ERTMS ETCS Class 1 Feature List	2.3.1	2 (index 37)
B40	UNISIG SUBSET-076-6-7	Test Sequences Evaluation and Validation	1.0.2	2 (index 37)
B41	UNISIG SUBSET-076-6-8	Generic train data for test Sequences	1.0.1	2 (index 37)
B42	UNISIG SUBSET-076-6-10	Test Sequence Viewer (TSV)	3.0.8	2 (index 37)
B43	04E083	Safety Requirements and Requirements to Safety Analysis for Interoperability for the Control-Command and Signalling Sub-System	1.0	1 (index 47)
B44	04E084	Justification Report for the Safety Requirements and Requirements to Safety Analysis for Interoperability for the Control-Command and Signalling Sub-System.	1.0	2 (index B43)
B45	ERA/ERTMS/003205	Traceability Of Changes To ETCS FRS	0.1	2 (index 1)
B46	UNISIG SUBSET-099	RBC-RBC Safe Communication Interface Test Specifications	1.0.0	1 (index 62)