

Commission Decision of 23 July 2012 amending Decisions 2006/861/EC, 2008/163/EC, 2008/164/EC, 2008/217/EC, 2008/231/EC, 2008/232/EC, 2008/284/EC, 2011/229/EU, 2011/274/EU, 2011/275/EU, 2011/291/EU and 2011/314/EU concerning technical specifications for interoperability (notified under document C(2012) 4985) (Text with EEA relevance) (2012/464/EU)

- Article 1 The Annex to Decision 2006/861/EC is amended in accordance with...
- Article 2 The Annex to Decision 2008/163/EC is amended in accordance with...
- Article 3 The Annex to Decision 2008/164/EC is amended in accordance with...
- Article 4 The Annex to Decision 2008/217/EC is amended in accordance with...
- Article 5 The Annex to Decision 2008/231/EC is amended in accordance with...
- Article 6 The Annex to Decision 2008/232/EC is amended in accordance with...
- Article 7 The Annex to Decision 2008/284/EC is amended in accordance with...
- Article 8 The Annex to Decision 2011/229/EU is amended in accordance with...
- Article 9 The Annex to Decision 2011/274/EU is amended in accordance with...
- Article 10 The Annex to Decision 2011/275/EU is amended in accordance with...
- Article 11 The Annex to Decision 2011/291/EU is amended in accordance with...
- Article 12 The Annex to Decision 2011/314/EU is amended in accordance with...
- Article 13 This Decision shall apply from 24 January 2013.
- Article 14 This Decision is addressed to the Member States.
- Signature

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#### ANNEX I

The Annex to Decision 2006/861/EC (WAG TSI) is amended as...  
In clause 3.4.3 'TECHNICAL COMPATIBILITY', sixth paragraph, the 10th indent...

#### ANNEX II

The Annex to Decision 2008/163/EC (SRT TSI) is amended as...

**Changes to legislation:** Commission Decision of 23 July 2012 amending Decisions 2006/861/EC, 2008/163/EC, 2008/164/EC, 2008/217/EC, 2008/231/EC, 2008/232/EC, 2008/284/EC, 2011/229/EU, 2011/274/EU, 2011/275/EU, 2011/291/EU and 2011/314/EU concerning technical specifications for interoperability (notified under document C(2012) 4985) (Text with EEA relevance) (2012/464/EU) is up to date with all changes known to be in force on or before 20 October 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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The title ‘DRAFT TECHNICAL SPECIFICATION FOR INTEROPERABILITY’ is replaced by...

### ANNEX III

The Annex to Decision 2008/164/EC (PRM TSI) is amended as...  
Clause 4.1.2.18.1 is replaced by the following: 4.1.2.18.1.  
Platform height...

### ANNEX IV

The Annex to Decision 2008/217/EC (HS INF TSI) is amended...  
In Section 2.1 ‘Definition of the infrastructure domain’ the second...

### ANNEX V

Annex A to the Annex to Decision 2008/231/EC (HS OPE...  
‘ANNEX A ERTMS OPERATING RULES The operating rules for ERTMS/ETCS...

### ANNEX VI

The Annex to Decision 2008/232/EC (HS RST TSI) is amended...  
In clause 3.4.3 ‘Technical Compatibility’, subsection ‘Essential requirement 2.4.3 paragraph...

### ANNEX VII

The Annex to Decision 2008/284/EC (HS ENE TSI) is amended...  
In clause 4.2.2 ‘Voltage and frequency’, the second paragraph is...

### ANNEX VIII

In the Annex to Decision 2011/229/EU (CR Noise TSI) clause...  
4.8.2. European register of authorised types of vehicles The data...

**Changes to legislation:** Commission Decision of 23 July 2012 amending Decisions 2006/861/EC, 2008/163/EC, 2008/164/EC, 2008/217/EC, 2008/231/EC, 2008/232/EC, 2008/284/EC, 2011/229/EU, 2011/274/EU, 2011/275/EU, 2011/291/EU and 2011/314/EU concerning technical specifications for interoperability (notified under document C(2012) 4985) (Text with EEA relevance) (2012/464/EU) is up to date with all changes known to be in force on or before 20 October 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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## ANNEX IX

The Annex to Decision 2011/274/EU (CR ENE TSI) is amended...  
In clause 4.1 ‘Introduction’, the third paragraph is replaced by...

## ANNEX X

The Annex to Decision 2011/275/EU (CR INF TSI) is amended...  
In Section 4.2.1 ‘TSI categories of line’, point (4) is...

## ANNEX XI

The Annex to Decision 2011/291/EU (CR Loc&Pas TSI) is amended...  
In clause 4.1.1 ‘General’, the fifth paragraph is deleted. In...

## ANNEX XII

Appendix A to the Annex to Decision 2011/314/EU (CR OPE...  
‘Appendix A ERTMS operating rules The operating rules for ERTMS/ETCS...

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**Changes to legislation:** Commission Decision of 23 July 2012 amending Decisions 2006/861/EC, 2008/163/EC, 2008/164/EC, 2008/217/EC, 2008/231/EC, 2008/232/EC, 2008/284/EC, 2011/229/EU, 2011/274/EU, 2011/275/EU, 2011/291/EU and 2011/314/EU concerning technical specifications for interoperability (notified under document C(2012) 4985) (Text with EEA relevance) (2012/464/EU) is up to date with all changes known to be in force on or before 20 October 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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- (1) OJ L 191, 18.7.2008, p. 1.
- (2) OJ L 164, 30.4.2004, p. 1.
- (3) OJ L 235, 17.9.1996, p. 6.
- (4) OJ L 110, 20.4.2001, p. 1.
- (5) OJ L 256, 1.10.2011, p. 1.
- (6) OJ L 264, 8.10.2011, p. 32.
- (7) OJ L 344, 8.12.2006, p. 1.
- (8) OJ L 64, 7.3.2008, p. 1.
- (9) OJ L 64, 7.3.2008, p. 72.
- (10) OJ L 77, 19.3.2008, p. 1.
- (11) OJ L 84, 26.3.2008, p. 1.
- (12) OJ L 84, 26.3.2008, p. 132.
- (13) OJ L 104, 14.4.2008, p. 1.
- (14) OJ L 99, 13.4.2011, p. 1.
- (15) OJ L 126, 14.5.2011, p. 1.
- (16) OJ L 126, 14.5.2011, p. 53.
- (17) OJ L 139, 26.5.2011, p. 1.
- (18) OJ L 144, 31.5.2011, p. 1.

**Changes to legislation:**

Commission Decision of 23 July 2012 amending Decisions 2006/861/EC, 2008/163/EC, 2008/164/EC, 2008/217/EC, 2008/231/EC, 2008/232/EC, 2008/284/EC, 2011/229/EU, 2011/274/EU, 2011/275/EU, 2011/291/EU and 2011/314/EU concerning technical specifications for interoperability (notified under document C(2012) 4985) (Text with EEA relevance) (2012/464/EU) is up to date with all changes known to be in force on or before 20 October 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations.

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**Changes and effects yet to be applied to :**

- Decision partial repeal by [EUDN 2012/757](#) Decision
- Decision partial repeal by [EUR 2013/321](#) Regulation
- Decision partial repeal by [EUR 2014/1299](#) Regulation
- Decision partial repeal by [EUR 2014/1300](#) Regulation
- Decision partial repeal by [EUR 2014/1301](#) Regulation
- Decision partial repeal by [EUR 2014/1302](#) Regulation
- Decision partial repeal by [EUR 2014/1303](#) Regulation
- Decision partial repeal by [EUR 2014/1304](#) Regulation