

Directive 2001/16/EC of the European Parliament and of the Council of 19 March 2001 on the interoperability of the trans-European conventional rail system (repealed)

CHAPTER ONE

General provisions

- Article 1 (1) This Directive sets out to establish the conditions to...
- Article 2 For the purposes of this Directive: (a) ‘trans-European conventional rail...
- Article 3 (1) This Directive applies to the provisions concerning, for each...
- Article 4 (1) The trans-European conventional rail system, subsystems and interoperability constituents...

CHAPTER II

Technical specifications for interoperability (TSIs)

- Article 5 (1) Each of the subsystems shall be covered by a...
- Article 6 (1) Draft TSIs shall be drawn up by the joint...
- Article 7 A Member State need not apply one or more TSIs,...

CHAPTER III

Interoperability constituents

- Article 8 Member States shall take all necessary steps to ensure that...
- Article 9 Member States may not, in their territory and on grounds...
- Article 10 (1) Member States shall consider as complying with the essential...
- Article 11 Where it appears to a Member State or the Commission...
- Article 12 (1) Where a Member State finds that an interoperability constituent...
- Article 13 (1) In order to establish the ‘EC’ declaration of conformity...

CHAPTER IV

Subsystems

- Article 14 (1) Each Member State shall authorise the putting into service...
- Article 15 Without prejudice to the provisions of Article 19, Member States...
- Article 16 (1) Member States shall consider as being interoperable and meeting...
- Article 17 Where it appears that the TSIs do not fully meet...
- Article 18 (1) In order to establish the ‘EC’ declaration of verification,...
- Article 19 (1) Where a Member State finds that a structural subsystem...

## CHAPTER V

### Notified bodies

Article 20 (1) Member States shall notify to the Commission and the...

## CHAPTER VI

### Committee and work programme

Article 21 (1) The Commission shall be assisted by the Committee established...

Article 22 Once this Directive enters into force, the Committee may discuss...

Article 23 (1) The order of priority for the adoption of the...

## CHAPTER VII

### Registers of infrastructure and rolling stock

Article 24 (1) The Member States shall ensure that registers of infrastructure...

## CHAPTER VIII

### Transitional provisions

Article 25 (1) The joint representative body shall develop, on the basis...

## CHAPTER IX

### Final provisions

Article 26 Any decision taken pursuant to this Directive concerning the assessment...

Article 27 (1) Member States shall bring into force the laws, regulations...

Article 28 Every two years, and for the first time 20 April...

Article 29 This Directive shall enter into force on the day of...

Article 30 This Directive is addressed to the Member States.

Signature

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## ANNEX I

### THE TRANS-EUROPEAN CONVENTIONAL RAIL SYSTEM

1. INFRASTRUCTURE
2. ROLLING STOCK

### 3. COMPATIBILITY OF THE TRANS-EUROPEAN CONVENTIONAL RAILWAY SYSTEM

#### ANNEX II SUBSYSTEMS

1. LIST OF SUBSYSTEMS
2. DESCRIPTION OF THE SUBSYSTEMS
  - 2.1. Infrastructure:
  - 2.2. Energy:
  - 2.3. Control and command and signalling:
  - 2.4. Traffic operation and management:
  - 2.5. Telematics applications:
  - 2.6. Rolling stock:
  - 2.7. Maintenance:

#### ANNEX III ESSENTIAL REQUIREMENTS

1. GENERAL REQUIREMENTS
  - 1.1. Safety
    - 1.1.1. The design, construction or assembly, maintenance and monitoring of safety-critical...
    - 1.1.2. The parameters involved in the wheel/rail contact must meet the...
    - 1.1.3. The components used must withstand any normal or exceptional stresses...
    - 1.1.4. The design of fixed installations and rolling stock and the...
    - 1.1.5. Any devices intended to be handled by users must be...
  - 1.2. Reliability and availability
  - 1.3. Health
    - 1.3.1. Materials likely, by virtue of the way they are used,...
    - 1.3.2. Those materials must be selected, deployed and used in such...
  - 1.4. Environmental protection
    - 1.4.1. The environmental impact of establishment and operation of the trans-European...
    - 1.4.2. The materials used in the trains and infrastructure must prevent...
    - 1.4.3. The rolling stock and energy-supply systems must be designed and...
    - 1.4.4. Operation of the trans-European conventional rail system must respect existing...
    - 1.4.5. Operation of the trans-European conventional rail system must not give...
  - 1.5. Technical compatibility
2. REQUIREMENTS SPECIFIC TO EACH SUBSYSTEM
  - 2.1. Infrastructure
    - 2.1.1. Safety
  - 2.2. Energy
    - 2.2.1. Safety
    - 2.2.2. Environmental protection

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- 2.2.3. Technical compatibility
- 2.3. Control and command and signalling
  - 2.3.1. Safety
  - 2.3.2. Technical compatibility
- 2.4. Rolling stock
  - 2.4.1. Safety
  - 2.4.2. Reliability and availability
  - 2.4.3. Technical compatibility
- 2.5. Maintenance
  - 2.5.1. Health and safety
  - 2.5.2. Environmental protection
  - 2.5.3. Technical compatibility
- 2.6. Operation and traffic management
  - 2.6.1. Safety
  - 2.6.2. Reliability and availability
  - 2.6.3. Technical compatibility
- 2.7. Telematics applications for freight and passengers
  - 2.7.1. Technical compatibility
  - 2.7.2. Reliability and availability
  - 2.7.3. Health
  - 2.7.4. Safety

#### ANNEX IV

##### CONFORMITY AND SUITABILITY FOR USE OF INTEROPERABILITY CONSTITUENTS

- 1. INTEROPERABILITY CONSTITUENTS
  - 1.1. Multiple-use constituents
  - 1.2. Multiple-use constituents having specific characteristics
  - 1.3. Specific constituents
- 2. SCOPE
- 3. CONTENTS OF THE 'EC' DECLARATION

#### ANNEX V

##### DECLARATION OF VERIFICATION OF SUBSYSTEMS

The 'EC' declaration of verification and the accompanying documents must...  
That declaration must be written in the same language as...  
the Directive references; name and address of the contracting entity...

#### ANNEX VI

##### VERIFICATION PROCEDURE FOR SUBSYSTEMS

- 1. INTRODUCTION

2. STAGES
3. CERTIFICATE
4. TECHNICAL FILE
5. MONITORING
  - 5.1. The aim of 'EC' monitoring is to ensure that the...
  - 5.2. The notified body responsible for checking production must have permanent...
  - 5.3. The notified body responsible for checking implementation must periodically carry...
  - 5.4. In addition, the notified body may pay unexpected visits to...
6. SUBMISSION
7. PUBLICATION
8. LANGUAGE

#### ANNEX VII

##### MINIMUM CRITERIA WHICH MUST BE TAKEN INTO ACCOUNT BY THE MEMBER STATES WHEN NOTIFYING BODIES

1. The body, its Director and the staff responsible for carrying...
2. The body and the staff responsible for the checks must...
3. The body must employ staff and possess the means required...
4. The staff responsible for the checks must possess:
5. The independence of the staff responsible for the checks must...
6. The body must take out civil liability insurance unless that...
7. The staff of the body are bound by professional secrecy...

#### ANNEX VIII

##### GENERAL RULES TO BE OBSERVED BY THE JOINT REPRESENTATIVE BODY (JRB)

1. In line with the general Community standardisation procedures, the JRB...
2. If the JRB lacks the expertise required in order to...
3. The JRB must set up the working parties necessary for...
4. Any difficulties which emerge in relation with this Directive and...
5. All the working papers necessary in order to monitor the...

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6. The JRB must take all measures necessary to safeguard the...
7. The JRB must take all measures necessary to inform all...

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- (1) [OJ C 89 E, 28.3.2000, p. 1.](#)
- (2) [OJ C 204, 18.7.2000, p. 13.](#)
- (3) [OJ C 317, 6.11.2000, p. 22.](#)
- (4) Opinion of the European Parliament of 17 May 2000 ([OJ C 59, 23.2.2001, p. 106](#)), Council Common Position of 10 November 2000 ([OJ C 23, 24.1.2001, p. 15](#)) and Decision of the European Parliament of 13 February 2001.
- (5) [OJ L 235, 17.9.1996, p. 6.](#)
- (6) [OJ L 237, 24.8.1991, p. 25.](#)
- (7) Council Directive 93/38/EEC of 14 June 1993 coordinating the procurement procedures of entities operating in the water, energy, transport and telecommunications sectors ([OJ L 199, 9.8.1993, p. 84](#)). Directive as last amended by Directive 98/4/EC ([OJ L 101, 1.4.1998, p. 1](#)).
- (8) Council Decision 93/465/EEC of 22 July 1993 concerning the modules for the various phases of the conformity assessment procedures and the rules for the affixing and use of the CE conformity marking, which are intended to be used in the technical harmonisation directives ([OJ L 220, 30.8.1993, p. 23](#)).
- (9) [OJ L 184, 17.7.1999, p. 23.](#)