

**OTIF**



**ORGANISATION INTERGOUVERNEMENTALE POUR  
LES TRANSPORTS INTERNATIONAUX FERROVIAIRES**

**ZWISCHENSTAATLICHE ORGANISATION FÜR DEN  
INTERNATIONALEN EISENBAHNVERKEHR**

**INTERGOVERNMENTAL ORGANISATION FOR INTER-  
NATIONAL CARRIAGE BY RAIL**

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**6<sup>th</sup> Session of the Committee of Technical Experts, Geneva, 12-13 June 2013**

Item 11 (for information)

**Status of the notification of national technical requirements**

Par souci d'économie, le présent document a fait l'objet d'un tirage limité. Les délégués sont priés d'apporter leurs exemplaires aux réunions. L'OTIF ne dispose que d'une réserve très restreinte.

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## **1. Introduction**

According to Article 12 § 1 of the revised Appendix F (APTU) to the Convention, which entered into force on 1 December 2010, the Contracting States<sup>1</sup> must notify the Secretary General of their existing national technical requirements (NTRs) in force which they wish to continue to apply on a mandatory basis for international traffic. Such notifications should have been received by the OTIF Secretary General by 1 March 2011 at the latest. It has been agreed with the EU that NTRs will be published in their public database.

## **2. Notifications by 1 March 2011**

Six Contracting States notified their national technical requirements by this deadline. Three Contracting States notified the full text of their national technical requirements.

## **3. Notifications by 31 October 2012**

At its 5<sup>th</sup> session in May 2012, the Committee of Technical Experts decided to extend the above-mentioned deadline to 31 October 2012. By this date all OTIF Contracting States should have notified their requirements in accordance with Article 12 § 1 of Appendix F (APTU) to the Convention.

On 13 August 2012 the Secretariat sent a reminder circular A 92-00/501.2012 to those Contracting States which had not complied with the first deadline.

No additional technical requirements were notified to the Secretary General

## **4. Overview of notified national technical requirements**

An overview of the notified national technical requirements is annexed to this document. The Contracting States that have not notified any requirements at the time this report was prepared are: Albania, Algeria, Iran, Liechtenstein, Monaco, Syria, Tunisia, Turkey and Ukraine.

## **5. Publication of requirements by the OTIF Secretariat**

The OTIF Secretariat will publish the requirements which have been notified and are valid within the meaning of APTU Article 12.

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<sup>1</sup> A Contracting State in accordance with ATMF Article 2 is "a Member State of the Organisation which has not made a declaration in respect of these Uniform Rules in accordance with Article 42 § 1, first sentence of the Convention".

Contracting States <sup>2</sup>	National technical requirements notified	Number of notified rules	Summary and full text received
Albania	no		
Algeria	no		
Armenia	no		
Bosnia and Herzegovina	yes	15	no
Croatia	yes	14	partly
Iran	no		
Liechtenstein	no		
Macedonia, The former Yugoslav Republic of	yes	20	no
Monaco	no		
Montenegro	yes	19	no
Morocco	no		
Serbia	yes	19	yes
Switzerland	yes	31	yes
Syria	no		
Tunisia	no		
Turkey	no		
Ukraine	no		

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<sup>2</sup> The table does not show the EU OTIF Contracting States

## Tables showing notified national technical requirements by country

### Explanations:

Applicable to

F = Freight wagons

C = Coaches

L = Locomotives

TS = Trainsets

OV = Other vehicles

I = Infrastructure

O = Operation

CCS = Command and Control System (Signalling)

T = Tunnels

DP = Disabled persons

National technical requirements notified by **Bosnia and Herzegovina**

Category		Title	Applicable to								
			F	C	L	TS	OV	I	O	CCS	DP
1.1	General documentation	Rule book on maintenance of railway vehicles 241	X	X	X	X	X	-	-	-	-
1.2	Structure and mechanical parts		X	X	X	X	X	-	-	-	-
1.3	Track interaction and gauging		X	X	X	X	X	-	-	-	-
1.4	Braking equipment	Instruction on braking of trains	X	X	X	X	X	-	-	-	-
1.5	Passenger-related items		-	X	-	X	-	-	-	-	X
1.6	Environmental conditions and aerodynamic effects		X	X	X	X	X	-	-	-	-
1.7	External warning, marking, functions and software integrity requirements		X	X	X	X	X	-	-	-	-
1.8	Onboard power supply and control systems		X	X	X	X	X	-	-	-	-
1.9	Staff facilities, interfaces and environment		X	X	X	X	X	-	-	-	-
1.10	Fire safety and evacuation	Railway safety Act	-	X	X	X	-	-	-	-	-
1.11	Servicing	Rule book on maintenance of railway vehicles	X	X	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Railway safety Act	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Instruction for installing, testing, putting in operation and maintenance of onboard part of the train autostop device I 60	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Instruction on operation of tractive units not equipped with onboard part of train autostop device on railway lines equipped with track side of train autostop device	-	-	X	X	-	-	-	-	-
1.14	Freight related items	Instruction on exceptional consignments	X	-	-	-	X	-	-	-	-

National technical requirements notified by **Croatia**

Category		Title	Applicable to									
			F	C	L	TS	OV	I	O	CCS	T	DP
1.1	General documentation	Ordinance on maintenance of railway vehicle	X	X	X	X	X	X	X	X	-	-
1.2	Structure and mechanical parts	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.3	Track interaction and gauging	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.4	Braking equipment	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.5	Passenger-related items	Ordinance on the technical requirements for railway safety to be met by railway vehicles	-	X	-	X	-	-	-	-	-	X
1.6	Environmental conditions and aerodynamic effects	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.7	External warning, marking, functions and software integrity requirements	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.8	Onboard power supply and control systems	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.9	Staff facilities, interfaces and environment	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	-	-	-	-	-
1.10	Fire safety and evacuation	Ordinance on the technical requirements for railway safety to be met by railway vehicles	-	X	X	X	-	-	-	-	-	-
1.11	Servicing	Ordinance on maintenance of railway vehicle	X	X	X	X	X	-	-	-	-	-
1.12	Onboard control, command and signalling	Ordinance on the technical requirements for railway safety to be met by railway vehicles	-	-	X	X	X	-	-	-	-	-
1.13	Specific operational requirements	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	X	X	X	X	X	X	X	-	X
1.14	Freight related items	Ordinance on the technical requirements for railway safety to be met by railway vehicles	X	-	-	-	X	-	-	-	-	-

National technical requirements notified by **Macedonia, The former Yugoslav Republic of**

Category		Title	Applicable to								
			F	C	L	TS	OV	I	O	CCS	DP
1.1	General documentation	Rule book and procedure for maintenance of railway vehicles, keeping records of performed maintenance of railway vehicles and the conditions that need to meet the entity that performs maintenance of railway vehicles (ECM)	X	X	X	X	X	-	-	-	-
1.2	Structure and mechanical parts		X	X	X	X	X	-	-	-	-
1.3	Track interaction and gauging		X	X	X	X	X	-	-	-	-
1.4	Braking equipment	Instruction on braking of trains	X	X	X	X	X	-	-	-	-
1.5	Passenger-related items		-	X	-	X	-	-	-	-	X
1.6	Environmental conditions and aerodynamic effects		X	X	X	X	X	-	-	-	-
1.7	External warning, marking, functions and software integrity requirements		X	X	X	X	X	-	-	-	-
1.8	Onboard power supply and control systems		X	X	X	X	X	-	-	-	-
1.9	Staff facilities, interfaces and environment		X	X	X	X	X	-	-	-	-
1.10	Fire safety and evacuation	Railway safety Act	-	X	X	X	-	-	-	-	-
1.11	Servicing	Rule book and procedure for maintenance of railway vehicles, keeping records of performed maintenance of railway vehicles and the conditions that need to meet the entity that performs maintenance of railway vehicles (ECM)	X	X	X	X	X	-	-	-	-

National technical requirements notified by **Macedonia, The former Yugoslav Republic of**

Category		Title	Applicable to								
			F	C	L	TS	OV	I	O	CCS	DP
1.12	Onboard control, command and signalling	Railway safety Act, Railway system Act, Rulebook for signal signs and marks, Instructions for performing traffic service on tracks equipped with radio control	-	-	X	X	X	X	X	X	-
1.12	Onboard control, command and signalling	Instruction for installing, testing, putting in operation and maintenance of onboard part of the train autostop device I 60	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Instructions on uniform vigilance (alerter) devices	-	-	X	X	X	-	X	X	-
1.13	Specific operational requirements	Technical requirements for ground-train radio link on JŽ	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Instruction on operation of tractive units not equipped with onboard part of train autostop device on railway lines equipped with track side of train autostop device	-	-	X	X	-	-	X	X	-
1.13	Specific operational requirements	Instructions on uniform vigilance (alerter) devices	-	-	X	X	X	-	X	X	-
1.13	Specific operational requirements	Signalling rule book	X	X	X	X	X	X	X	X	X
1.14	Freight related items	Rule book on exceptional consignments	X	-	-	-	X	-	-	-	-
1.14	Freight related items	Transport of dangerous goods Act	X	-	-	-	X	-	-	-	-



National technical requirements notified by **Montenegro**

Category		Title	Applicable to								
			F	C	L	TS	OV	I	O	CCS	DP
1.1	General documentation	Rule book on maintenance of railway vehicles	X	X	X	X	X	-	-	-	-
1.2	Structure and mechanical parts		X	X	X	X	X	-	-	-	-
1.3	Track interaction and gauging		X	X	X	X	X	-	-	-	-
1.4	Braking equipment	Instruction on braking of trains	X	X	X	X	X	-	-	-	-
1.5	Passenger-related items		-	X	-	X	-	-	-	-	X
1.6	Environmental conditions and aerodynamic effects		X	X	X	X	X	-	-	-	-
1.7	External warning, marking, functions and software integrity requirements		X	X	X	X	X	-	-	-	-
1.8	Onboard power supply and control systems		X	X	X	X	X	-	-	-	-
1.9	Staff facilities, interfaces and environment		X	X	X	X	X	-	-	-	-
1.10	Fire safety and evacuation	Railway safety Act	-	X	X	X	-	-	-	-	-
1.11	Servicing	Rule book on maintenance of railway vehicles	X	X	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Railway safety Act	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Instruction for installing, testing, putting in operation and maintenance of onboard part of the train autostop device I 60	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Railway safety Act	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Instruction on operation of tractive units not equipped with onboard part of train autostop device on railway lines equipped with track side of train autostop device	-	-	X	X	-	-	-	-	-
1.13	Specific operational requirements	Railway safety Act	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Railway safety Act	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Signalling rule book	X	X	X	X	X	X	X	X	X
1.14	Freight related items	Rule book on exceptional consignments	X	-	-	-	X	-	-	-	-

National technical requirements notified by **Serbia**

Category	Title	Applicable to									
		F	C	L	TS	OV	I	O	CCS	DP	
1.1	General documentation	Rule book on maintenance of railway vehicles	X	X	X	X	X	-	-	-	-
1.2	Structure and mechanical parts		X	X	X	X	X	-	-	-	-
1.3	Track interaction and gauging		X	X	X	X	X	-	-	-	-
1.4	Braking equipment	Instruction on braking of trains	X	X	X	X	X	-	-	-	-
1.5	Passenger-related items		-	X	-	X	-	-	-	-	X
1.6	Environmental conditions and aerodynamic effects		X	X	X	X	X	-	-	-	-
1.7	External warning, marking, functions and software integrity requirements		X	X	X	X	X	-	-	-	-
1.8	Onboard power supply and control systems		X	X	X	X	X	-	-	-	-
1.9	Staff facilities, interfaces and environment		X	X	X	X	X	-	-	-	-
1.10	Fire safety and evacuation	Railway safety Act	-	X	X	X	-	-	-	-	-
1.11	Servicing	Rule book on maintenance of railway vehicles	X	X	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Railway safety Act	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Instruction for installing, testing, putting in operation and maintenance of onboard part of the train autostop device I 60	-	-	X	X	X	-	-	-	-
1.12	Onboard control, command and signalling	Instructions on uniform vigilance (alerter) devices	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Technical requirements for ground-train radio link on JŽ	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Instruction on operation of tractive units not equipped with onboard part of train autostop device on railway lines equipped with track side of train autostop device	-	-	X	X	-	-	-	-	-
1.13	Specific operational requirements	Instructions on uniform vigilance (alerter) devices	-	-	X	X	X	-	-	-	-
1.13	Specific operational requirements	Signalling rule book	X	X	X	X	X	X	X	X	X
1.14	Freight related items	Rule book on exceptional consignments	X	-	-	-	X	-	-	-	-

National technical requirements notified by **Switzerland**

Category		Title	Applicable to										
			F	C	L	TS	OV	I	O	CCS	T	DP	
1.1	General documentation	1.1.1 General documentation Railway vehicle approval process	X	X	X	X	X						
1.1	General documentation	1.1.3 Operating instructions and documentation; Operating manual	X	X	X	X	X	X	X	X	X	X	X
1.1	General documentation	1.1.4 Distance tests with complete vehicle; Verification of vehicle/infrastructure interaction	X	X	X	X	X	X	X	X	X	X	X
1.2	Structure and mechanical parts	1.2.1 Vehicle construction; Stress assumptions for vehicles	X	X	X	X	X	X	X				X
1.2	Structure and mechanical parts	1.2.2 Mechanical interface for end and middle couplings; automatic coupling – unintended breaking of coupling			X	X							
1.3	Track interaction and gauging	1.3.1 Vehicle gauge; pantograph space		X	X	X	X	X				X	
1.3	Track interaction and gauging	1.3.2 Vehicle dynamics; travelling over points	X	X	X	X	X	X	X				
1.3	Track interaction and gauging	1.3.2 Vehicle dynamics; travelling over curves	X	X	X	X	X	X	X				
1.3	Track interaction and gauging	1.3.2 Vehicle dynamics; track displacement force	X	X	X	X	X	X	X				
1.3	Track interaction and gauging	1.3.2 Vehicle dynamics; tilting technology: route- specific demonstration		X		X		X	X	X			
1.3	Track interaction and gauging	1.3.3 Bogie and running gear; Flange lubrication		X	X	X	X	X	X				

National technical requirements notified by **Switzerland**

Category		Title	Applicable to										
			F	C	L	TS	OV	I	O	CCS	T	DP	
1.4	Braking equipment	1.4.1 Functional requirements for train braking; brake assessment	X	X	X	X	X						
1.4	Braking equipment	1.4.5 Brake performance; braked weight of the stop brake	X	X	X	X	X						
1.5	Passenger-related items	1.5.5 Seats and provision for PRM; national requirements for PRM		X		X		X	X				X
1.6	Environmental conditions and aerodynamic effects	1.6.1 Effects of environment on the vehicle; snow, ice and hail – snow clearing			X	X	X	X					
1.6	Environmental conditions and aerodynamic effects	1.6.1 Effects of environment on the vehicle; maximum pressure variation in tunnels – running in single-track tunnels	X	X	X	X	X	X	X			X	
1.6	Environmental conditions and aerodynamic effects	1.6.2 Effects of vehicle on environment; particle filter for diesel engines			X	X	X						
1.7	External warning, marking, functions and software integrity requirements	1.7.1 Software integrity for safety-related functions; BAV system check	X	X	X	X	X	X	X	X	X	X	X
1.7	External warning, marking, functions and software integrity requirements	1.7.2 Visual and aural vehicle marking and warning functions; optical warning signal 3x red		X	X	X	X		X				
1.8	Onboard power supply and control systems	1.8.2 Functional and technical specifications for the interface between vehicle and energy subsystem; network behaviour according to infrastructure guidelines	X	X	X	X	X	X	X	X	X	X	

National technical requirements notified by **Switzerland**

Category		Title	Applicable to										
			F	C	L	TS	OV	I	O	CCS	T	DP	
1.8	Onboard power supply and control systems	1.8.2 Functional and technical specifications for the interface between vehicle and energy subsystem; pantograph/infrastructure interface		X	X	X	X	X				X	
1.8	Onboard power supply and control systems	1.8.4 Electromagnetic compatibility; electromagnetic behaviour according to infrastructure guidelines	X	X	X	X	X	X	X	X	X	X	
1.9	Staff facilities, interfaces and environment	1.9.8 remote control functions; requirements concerning remote-controlled vehicles			X	X	X	X	X	X	X		
1.10	Fire safety and evacuation	1.10.2 Emergency situations; evacuation plan coordinated with infrastructure	X	X	X	X	X	X	X	X	X	X	X
1.12	Onboard control, command and signalling	1.12.1 On-board radio equipment; compatibility with infrastructure	X	X	X	X	X	X	X	X	X	X	X
1.12	Onboard control, command and signalling	1.12.2 On-board signalling devices; double vigilance control		X	X	X	X						
1.12	Onboard control, command and signalling	1.12.2 On-board signalling devices; existing national train safety devices (integra/ZUB)		X	X	X	X	X	X	X	X		
1.12	Onboard control, command and signalling	1.12.2 On-board signalling devices; ETCS Change requests (01–20)		X	X	X	X	X	X	X	X		

National technical requirements notified by **Switzerland**

Category		Title	Applicable to									
			F	C	L	TS	OV	I	O	CCS	T	DP
1.12	Onboard control, command and signalling	1.12.2 On-board signalling devices; transition in cross-border traffic		X	X	X	X	X	X	X		
1.12	Onboard control, command and signalling	1.12.2 On-board signalling devices; train safety multiple position			X	X	X		X			
1.14	Freight related items	1.14.2 Specific devices for freight transport; load security	X				X					