Proposal for Revision of the Transitional Provisions to Regulation No. 13

I. Introduction

1. This document represents the results of the study of the transitional provisions to Regulation No. 13 made within the framework of the discussion at the 72nd GRRF session. It is based on the document GRRF-72-30 corrected and revised. The information in Chapter II of this document is taken from the Status of the Agreement, of the annexed UN Regulations and of amendments thereto (document ECE/TRANS/WP.29/343/Rev.20).

2. Basing on the results of the study, the revised transitional provisions to Regulation No. 13 are drafted in the Chapter III of this document. Those transitional provisions correspond to the Guidelines (document ECE/TRANS/WP.29/2011/152). The drafted transitional provisions are proposed for inclusion into the draft Supplement 10 to the 11th series of amendments to Regulation No. 13 (document ECE/TRANS/WP.29/GRRF/2012/14).

3. Taking into account of the aforesaid Guidelines, it is proposed further to review and revise the transitional provisions to Regulation No. 13 with introduction of each new draft amendment/supplement requiring the transitional provisions.

II. Regulation No. 13 - Status of Amendments and Supplements

Status of document	Date of entry into force	WP.29 Session (date)	Adopted document ECE/TRANS/WP.29/ 	Content	Actual Transitional Provisions & Lead time	Notes
Suppl.7 to 09	30.01.03	127 (June 02)	2002/41	Reference braking forces, etc.	No	
Suppl.8 to 09	26.02.04	130 (June 03)	2003/3 + 2003/45 + para.53 of the report	Electric control line, provisions for PTI (wear conditions of	Yes, 24 months <u>- new</u> type approval	Lead time expired
Corr.1 to Suppl.8 to 09	26.02.04	131 (Nov. 03)	2003/95	friction surfaces)		
Suppl.9 to 09	13.11.04	132 (Mar 04)	2004/11	Conditions for automatic application of trailer brakes	No	
Suppl.10 to 09	04.04.05	133 (June 04)	2004/37	Failure information related to the electric control transmission of the trailer	No	
Suppl.11 to 09	09.11.05	135 (Mar 05)	2004/38 + para.58 of the report	Endurance braking system - generation of the braking signal	Yes, 12 months	Lead time expired
Corr.1 to Suppl.11 to 09	08.03.06	138 (Mar 06)	2006/10			

Status of document	Date of entry into force	WP.29 Session (date)	Adopted document ECE/TRANS/WP.29/ 	Content	Actual Transitional Provisions & Lead time	Notes
Suppl.12 to 09	18.01.06	136 (June 05)	2005/39	Performance testing of trailer braking components (Annex 19)	No	
10	04.04.05	133 (June 04)	2004/39	Compatibility of tractor and trailer braking systems	Yes 24 months - new type approvals 48 months - all vehicles	Lead time expired
Suppl.1 to 10	09.11.05	135 (Mar 05)	2005/2	Mandating application of Annex 10 to vehicles not equipped with ABS	No	
Suppl.2 to 10	02.02.07	139(June 06)	2006/43	Clarification of ABS requirements for O3 and O4 trailers	No	
Suppl.3 to 10	11.06.07	140(Nov06)	2006/44 + para.50 of the report	Activation of the emergency braking signal	NoYes, 48 months after the entry into force of the 10 Series of amendments – new type approvals only	
Suppl.4 to 10	10.11.07	141 (Mar 07)	2007/2 + Corr.1	Removal of M1 category	No	
Suppl.5 to 10	15.10.08	144 (Mar 08)	2008/2	Endurance braking system - generation of the braking signal	Yes, 24 months <u>– new</u> type approvals only	Lead time expired
11	11.07.08	143 (Nov 07)	2007/100 + Add.1 + para. 45 of the report	Introduction of EVSC	Yes As in Table in the transitional provisions Max. 96 months - till 11.07.16	
Suppl.1 to 11	22.07.09	146 (Nov 08)	2008/63 + Add.1	Compatibility between towing vehicles and trailers with respect to ISO 11992 data communications	Yes As in Table in the transitional provisions 48 months - till 22.07.13 - all vehiclesnew type approvals only	These provisions may be applied regardless enforcement of EVSC requirements

Status of document	Date of entry into force	WP.29 Session (date)	Adopted document ECE/TRANS/WP.29/ 	Content	Actual Transitional Provisions & Lead time	Notes
Suppl.2 to 11	24.10.09	147 (Mar 09)	2009/5	Exemptions for braking tests for identical trailers	Yes 48 months - till 24.10.13 - new type approvals 84 months - till 24.10.16 - all vehicles	These provisions may be applied regardless enforcement of EVSC requirements
Suppl.3 to 11	17.03.10	148 (June 09)	2009/61	EVSC failure warning indicator	No, but application is possible with 11 series of amendments	
Suppl.4 to 11	09.12.10	150 (Mar 10)	2010/3 + Corr.1 + Corr.2	Activation of the emergency braking signal + EVSC disabling warning indicator <u>+</u> <u>N1 EVSC installation.</u>	No, but application is possible with 11 series of amendments	
Suppl.5 to 11	30.01.11	151 (June 10)	2010/64 + para. 44 of the report	Electrical connector for trailers with ABS, warning indicator of failure in the electric control transmission, exemptions from EVSC requirements, calculating parking brake force differential	No	These provisions may be applied regardless enforcement of EVSC requirements
Suppl.6 to 11	28.10.11	153 (Mar 11)	2011/3	Alignment of R13H & R90 to identify replacement brake disks and drums	Yes 12 months - till 28.10.12 -new type approvals only	Lead time expires by Oct. 2013. These provisions may be applied regardless enforcement of EVSC requirements
Suppl.7 to 11	28.10.11	153 (Mar 11)	2011/4	Electric regenerative braking systems - activation of the signal, treatment of trailers with axle groups	Yes 36 months - till 28.10.14 <u>-new type approvals</u> <u>only</u>	These provisions may be applied regardless enforcement of EVSC requirements
Suppl.8 to 11	[13.04.12]	154 (June 11)	2011/58	EVSC failure warning indicator, exemptions from EVSC requirements	No, but application is possible with 11 series of amendments	
Suppl.9 to 11	[Oct.12]	156 (Mar 12)	2011/94 + Amend.1 + 2012/3	Alternative evaluation method of EVSC	No, but application is possible with 11 series of amendments	

Status of document	Date of entry into force	WP.29 Session (date)	Adopted document ECE/TRANS/WP.29/ 	Content	Actual Transitional Provisions & Lead time	Notes
Suppl.10 to 11	[Oct.13]	[159 (Mar 13)]		Removal of the EVSC control and tell-tale requirements (inserted to R121)	Yes 24 months - till [] <u>–</u> <u>new type approvals only</u>	Application is possible with 11 series of amendments

III. Regulation No. 13 – Proposed transitional provisions

Con	clusion from the Chapter II of this document	Proposed Transitional Provisions with draft Supplement 10 to the 11 th series of amendments	<i>Reference to Guidelines</i> <i>ECE/TRANS/WP.29/2011/152</i>
1.	By October 2013 (target date of enforcement of the Supplement 10 to the 11 series of amendments to Regulation No. 13, which should include the revised transitional provisions) vehicle types shall comply with the provisions of Regulation No. 13 as amended by the 10 series of amendments and Supplements 1 to 5 to the 10 series of amendments plus Supplements 1,2, 5, and 6 and 7 to the 11 series of amendments unless otherwise specified in the table for enforcement of the EVSC requirements in the transitional provisions of the Regulation No. 13.	 12.1. Until the dates specified in the paragraph 12.3 below, unless otherwise stated, or unless the context requires otherwise, Contracting Parties shall grant UNECE type-approvals under this Regulation, if a vehicle type meets this Regulation as amended by the 10 series of amendments and Supplements 1 to 5 to the 10 series of amendments, and also Supplements 1, 5 and 6 to the 11 series of amendments to this Regulation The following provision seems to be opportune to specify "the date of entry into force as from which Contracting Parties are entitled to issue UN type approvals according to the new series and supplements and from which CPs shall accept such type approvals. "As from the official date of entry into force of each supplement of this Regulation, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals according to the relevant Supplement to the 11 series of amendments to this UN Regulation.* "This paragraph shall not prevent Denmark from continuing to mandate a vehicle stability function meeting the requirements of this Regulation." OICA proposes to introduce into the 10 Series of amendments all the relevant supplements which were introduced into the 11 Series but which have no relationship with the EVSC. 	

Con	clusion from the Chapter II of this document	Propos	sed Transitional Provisions w	e 11 th series of amendments	<i>Reference to Guidelines</i> <i>ECE/TRANS/WP.29/2011/152</i>								
2. Forr 3.	Vehicle types are allowed to comply with the 11 series of amendments plus Supplements 3, 4, 8, and 9 and 10 to the 11 series of amendments to Regulation No. 13. ner para. 12.1.6., modified. Vehicle types shall comply with the 11 series		ove12.2. No Contracting Pa approval under this Regula Supplements 3, 4, 8 and 9 to t * This paragraph shall not p stability function meeting the Requirements for the equipm	Annex 1, p.V.1., modified									
5.	of amendments plus supplements 3, 4, 8, and 9 and 10 to the 11 series of amendments to Regulation No. 13 from the dates set in the table for enforcement of the EVSC requirements in the transitional provisions of		in paragraphs 5.2.1.32. and 5	.2.2.23. of this Regulation, a ts 3, 4, 8 and 9 to the 11 s follows: Application date (as from the	s amended by the 11 series of series of amendments to this he date after entry into force addments – 11 July 2008)	Annex 1, p.V.1., V.5.							
Forr	the Regulation No. 13. Former para. 12.4.1., modified									Vehicle category	Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 11 series of amendments and Supplements 3, 4, 8 and 9 to the 11 series of amendments	Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of national or regional type- approval, a vehicle type- approved to the preceding of amendments to this Regulation	
			M ₂	60 months	84 months								
			M ₃ (Class III) ¹	12 months	36 months								
			M ₃ <16 tonnes (pneumatic transmission)	24 months	48 months								
			M ₃ (Class II ¹ and B ¹ (hydraulic transmission)	60 months	84 months								

Conclusion from the Chapter II of this document	Proposed Transitional Provisions with	draft Supplement 10 to the	e 11 th series of amendments	<i>Reference to Guidelines</i> <i>ECE/TRANS/WP.29/2011/152</i>
	M ₃ (Class III) (hydraulic transmission)	60 months	84 months	
	M ₃ (Class III) ¹ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months	
	M ₃ (Class II) ¹ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months	
	M ₃ (other than above)	24 months	48 months	
	N ₂ (hydraulic transmission)	60 months	84 months	
	N ₂ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months	
	N ₂ (other than above)	48 months	72 months	
	N ₃ (2 axle tractors for semi-trailers)	12 months	36 months	
	N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	36 months	60 months	
	N ₃ (3 axles with electric control transmission (EBS))	36 months	60 months	
	N ₃ (2 and 3 axles with pneumatic control transmission (ABS))	48 months	72 months	
	N ₃ (other than above)	24 months	48 months	

Conclusion from the Chapter II of this document	Propo	sed Transitional Provisions wi	e 11 th series of amendments	Reference to Guidelines ECE/TRANS/WP.29/2011/152	
		O ₃ (combined axle load between 3.5 - 7.5 tonnes)	48 months	72 months	
		O ₃ (other than above)	36 months	60 months	
		O ₄	24 months	36 months	
		¹ As defined in R.E.3.			
Enforcement of Supplement 1 to the 11 series of amendments. These provisions are applicable regardless to enforcement of the EVSC requirements per the 11 series of amendments		Contracting Party applying th UN type-approvals according Regulation. As from 22 July 2013, Contra only if the vehicle type to be amended by Supplement 1 to t	to Supplement 1 to the 11 cting Parties applying this Re approved meets the require	series of amendments to this egulation shall grant approvals	
 4. Enforcement of Supplement 2 to the 11 series of amendments. Those provisions are applicable regardless to enforcement of the EVSC requirements of the 11 series of amendments. Former paras. 12.1.8., 12.2.7, 12.3.2., modified NOTE from OICA: if these transitional provisions are independent from enforcement of EVSC requirements, the wording "Subjecting to the transitional provisions above" is not necessary and can be deleted. 	12.5.	Regulation shall refuse to gran Supplement 2 to the 11 series of As from 25 October 2013, C approvals only if the vehicl Regulation as amended by Sup Subjecting to the transitional Contracting Parties applying purpose of national or region	nt or refuse to accept UNEC of amendments to this Regul <u>Contracting Parties applying</u> <u>e type to be approved me</u> <u>oplement 2 to the 11 series of</u> al provisions above, after- this Regulation shall not be al type-approval, a vehicle	ation. g this Regulation shall grant sets the requirements of this f amendments	Special case 2, p.34 Special case 2, p.35 Annex 1, p.V.5.
Enforcement of Supplement 5 to the 11 series of amendments Those provisions are applicable regardless to enforcement of the EVSC requirements per	<u>12.X</u>	no Contracting Party applying type-approvals according to Regulation.			

Conclusion from the Chapter II of this document	Proposed Transitional Provisions with draft Supplement 10 to the 11 th series of amendments	<i>Reference to Guidelines</i> <i>ECE/TRANS/WP.29/2011/152</i>
the 11 series of amendments. Enforcement of Supplement 6 to the 11 series of	12.X no Contracting Party applying this Regulation shall refuse to grant or refuse to accept UN	
amendments <u>Those provisions are applicable regardless to</u> <u>enforcement of the EVSC requirements per</u> <u>the 11 series of amendments.</u>	 type-approvals according to Supplement 6 to the 11 series of amendments to this Regulation. 12.X As from 28 October 2012, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulations as amended by Supplement 6 to the 11 series of amendments. 	
 5. Enforcement of Supplement 7 to the 11 series of amendments. Those provisions are applicable regardless to enforcement of the EVSC requirements of the 11 series of amendments. Former paras. 12.2.9., 12.2.10., modified NOTE from OICA: if these transitional provisions are independent from enforcement of EVSC requirements, the wording "Subjecting to the transitional provisions above" is not necessary and can be deleted. 	 12.7. Subjecting to the transitional provisions above, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept UNECE type-approvals according to Supplement 7 to the 11 series of amendments to this Regulation. (<= If the para.12.1 can be covered all supplements, this provisions above, until <u>As from 298</u> October 2014, Contracting Parties applying this Regulation <u>shall grant UN type-approvals only if the vehicle type to be approved meets the requirements of this UN Regulation as amended by can continue to grant UNECE type approvals to this Regulation without taking into account the provisions of Supplement 7 to the 11 series of amendments to this Regulation.</u> 	Special case 2, p.34 Special case 2, p.35, modified
 Enforcement of Supplement 10 to the 11 series of amendments. Those provisions are applicable regardless to vehicles complying with the EVSC requirements of the 11 series of amendments. NOTE from OICA: these transitional provisions are dependent on enforcement of EVSC requirements, hence the wording "Subject to the transitional provisions above" is relevant 	 12.9. Subjecting to vehicles equipped with vehicle stability functionto the transitional provisions aboveAs from the official date of entry into force of Supplement 10 to the 11 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept UNECE type-approvals according to Supplement 10 to the 11 series of amendments to this Regulation. 12.10. Subjecting to vehicles equipped with vehicle stability functionSubject to paragraph 12.3., until 24 months after the entry into force of Supplement 10 to the 11 series of amendments to this Regulation, Contracting Parties applying this Regulation can continue to grant UNECE type-approvals to this Regulation without taking into account the provisions of Supplement 10 to the 11 series of amendments to this Regulation. 	Special case 2, p.34, modified Special case 2, p.35, modified

10 Series of Amendments

- 12.1. As from the official date of entry into force of the 10 Series of amendments to this Regulation, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals according to the 10 series of amendments to this UN Regulation
- 12.2 As from the official date of entry into force of each Supplement to the 10 Series of amendments to this Regulation, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals according to each respective Supplement to the 10 series of amendments to this UN Regulation.*

*This paragraph shall not prevent Denmark from continuing to mandate a vehicle stability function meeting the requirements of this Regulation.

- 12.3. As from 48 months after the date of entry into force of the 10 Series of amendments to this regulation, Contracting Parties applying this UN Regulation shall grant UN type approvals only if the vehicle type to be approved meets the requirements of this UN Regulation as amended by Supplement 3 to the 10 series of amendments.
- 12.4. As from 24 months after the date of entry into force of Supplement 5 to the 10 Series of amendments to this regulation, Contracting Parties applying this UN Regulation shall grant UN type approvals only if the vehicle type to be approved meets the requirements of this UN Regulation as amended by Supplement 5 to the 10 series of amendments.
- 12.5. Notwithstanding the transitional provisions of the 11 series of amendments to this Regulation as specified in paragraph 12.7., as from the official date of entry into force of Supplements 1, 2, 5, 6 and 7 to the 11 Series of amendments to this Regulation, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals according to the 10 Series of amendments to this Regulation, to vehicles respectively complying with Supplements 1, 2, 5, 6 and 7 to the 11 series of amendments to this Regulation.
- 12.6. Contracting Parties applying this UN Regulation shall not refuse to grant extensions of UN type approvals for existing types which have been granted according to any supplement to the 10 Series of amendments to this UN Regulation.

11 Series of Amendments

12.7. Requirements for the equipment of vehicles with vehicle stability functions as specified in paragraphs 5.2.1.32. and 5.2.2.23. of this Regulation, as amended by the 11 series of amendments to this Regulation, shall be applied as follows:

Vehicle category	Application date (as from the date after entry into force of the 11 series of amendments – 11 July 2008)
------------------	--

	Contracting Parties applying this Regulation shall grant UN approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 11 series of amendments	Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of national or regional type-approval, a vehicle type-approved to the preceding of amendments to this Regulation
M ₂	60 months	84 months
M ₃ (Class III) ¹	12 months	36 months
M ₃ <16 tonnes (pneumatic transmission)	24 months	48 months
M_3 (Class II ¹ and B ¹ (hydraulic transmission)	60 months	84 months
M ₃ (Class III) (hydraulic transmission)	60 months	84 months
M_3 (Class III) ¹ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M_3 (Class II) ¹ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M ₃ (other than above)	24 months	48 months
N ₂ (hydraulic transmission)	60 months	84 months
N_2 (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
N ₂ (other than above)	48 months	72 months
N ₃ (2 axle tractors for semi-trailers)	12 months	36 months
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	36 months	60 months
N_3 (3 axles with electric control transmission (EBS))	36 months	60 months

N ₃ (2 and 3 axles with pneumatic control transmission (ABS))	48 months	72 months
N ₃ (other than above)	24 months	48 months
O_3 (combined axle load between 3.5 - 7.5 tonnes)	48 months	72 months
O ₃ (other than above)	36 months	60 months
O ₄	24 months	36 months
¹ As defined in R.E.3.		

- 12.8. As from the official date of entry into force of each Supplements 3, 4, 8 and 9 to the 11 Series of amendments to this Regulation, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals according to each respective Supplement to the 11 series of amendments to this UN Regulation.
- 12.9. As from 22 July 2013, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 1 to the 11 series of amendments.
- 12.10. As from 25 October 2013, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 2 to the 11 series of amendments.
- 12.11. As from 25 October 2016, Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of national or regional type-approval, a vehicle type-approved without taking into account the provisions of Supplement 2 to the 11 series of amendments to this Regulation
- 12.12. As from 29 October 2012, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 6 to the 11 series of amendments.
- 12.13. As from 29 October 2014, Contracting Parties applying this Regulation shall grant UN approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 7 to the 11 series of amendments.
- 12.14. As from the official date of entry into force of Supplement 10 to the 11 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept UNECE type-approvals according to Supplement 10 to the 11 series of amendments to this Regulation.

- 12.15. Subject to paragraph 12.3., until 24 months after the entry into force of Supplement 10 to the 11 series of amendments to this Regulation, Contracting Parties applying this Regulation can continue to grant UN type-approvals to this Regulation without taking into account the provisions of Supplement 10 to the 11 series of amendments to this Regulation.
- 12.16. No Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept extensions of UN type approvals for existing types which have been granted according to any supplement to the 11 Series of amendments to this UN Regulation