

Progress Towards an International Whole Vehicle Type Approval Scheme

Sub-group “UN R0” of the IWVTA Informal
Group

Outline

1. First draft of UN R0

2. Issues to be discussed

- (1) How to decide which UN Regulations to include in UN R0
- (2) Others

3. Working Assumptions

- (1) Common commencement dates for the amendments to UN Regulations
- (2) Correct use of Series of amendments and Supplements in individual UN Regulations
- (3) Others

4. Request for WP.29

1. First draft of UN R0

- Sub-Group “UN R0” (SGR0) finished the first review on the draft UN R0 for the first submission to WP.29, which is WP.29-162-11.

(<http://www.unece.org/////P>)

1. Scope
 2. Definitions
 3. Application for approval
 4. Approval
 5. Specifications
 6. Tests
 7. Modification of vehicle type and extension of approval
 8. Conformity of production
 9. Penalties for non-conformity of production
 10. Production definitely discontinued
 11. Names and addresses of Technical Services responsible for conducting approval tests and of Administrative Departments
 12. Introductory and transitional provisions
 13. Special provisions for Contracting Parties applying this Regulation
- Annex 1: Communication
- Annex 2: Arrangement of the approval mark
- Annex 3: Procedures to be followed during IWVTA of vehicles
- Annex 4: List of requirements for the purpose of IWVTA: List of regulatory acts
- Annex 5: Information document for the purpose of IWVTA of vehicles
- Annex 6: IWVTA document of fulfilment (DoF)
- Annex 7: Definition of the vehicle type

2. Issues to be discussed

(1) How to decide which UN Regulations to include in UN R0

(2) Others, which will be discussed in the 10th SGR0 meeting next week,

- Format of status document (TRANS/WP.29/343) to manage information notified by Contracting Parties applying IWVTA of limited recognition (L-IWVTA)
- DoF (document of fulfillment) or other alternative method
- Further review of UN R0 draft
 - Definitions, Rights and Obligations of CPs in para.2 and 13
 - Replacement parts for vehicles having a UN R0 approval in para.13
 - Simplify para.7 to eliminate significant overlap with Schedule 3 annexed to the revised 1958 Agreement (procedure for issuing type-approvals)

2. Issues to be discussed: (1) How to decide which UN Regulations to include within [UN R0](#)

- ◆ At the 161st session of WP.29, SGR0 presented two tentative lists (see next 2 slides).
- ✓ List A contains UN Regulations that could be included at once in the first version of UN R0 (which is acknowledged to be a 1st step consisting of a "partial" IWVTA).
- ✓ List B, which contains UN Regulations that would need proper revision before their inclusion into List A (and into 1st version of UN R0).

- ◆ In deciding which UN Regulations to include within IWVTA, possible process – including role of SGR0 – could be the following:
 - (1) WP29 to collect comments from various CPs regarding Lists A and B.
 - (2) Based on these comments, SGR0 to review Lists A and B, modify them if necessary, and report back to WP29.
 - (3) WP29 to endorse these lists and to request GRs to revise the UN Regulations in list B with a view to include them in UN R0.

2. Issues to be discussed: (1) How to decide which UN Regulations to include within **UN R0**

The technical requirements – The “A” list

Number	Topic	UN-Regulation
1	Retro reflectors	3
2	Direction indicators	6
3	End-outline, stop, side marker, front/rear position (side)	7
4	Radio interference	10
5	Door latches + hinges	11
6	Steering impact	12
7	Belt anchorages	14
8	Seats + head restraints	17
9	Front fog lamps	19
10	Interior fittings	21
11	Reversing lamps	23
12	External projections	26
13	Audible warning signals	28
14	Tyres	30
15	Light sources	37
16	Rear fog lamps	38
17	Speedometer	39
18	Safety glazing	43
19	Headlamp cleaners	45
20	Installation of Lighting equipment	48

Number	Topic	UN-Regulation
21	Tyres	54
22	Rear protective devices	58
23	Parking lamps	77
24	Steering efforts	79
25	Engine power	85
26	End-outline, stop, side marker, front/rear position (side)	91
27	Frontal impact	94
28	Side impact	95
29	Headlamps	98
30	Light sources	99
31	High voltage	100
32	Headlamps	112
33	Tyre wet grip/Noise/RR	117
34	Cornering lamps	119
35	Controls and tell tales	121
36	Headlamps	123
37	Field of vision	125
38	Pedestrian protection	127
39	Light sources	128

The technical requirements – The “B” list

Number	Topic	UN-Regulation
1	Rear registration plate lamps	4
2	Braking	13H
3	ESC	13H
4	BA	13H
5	Safety belts	16
6	Fuel tanks	34
7	Integrated child restraints	44
8	Indirect vision devices	46
9	Permissible sound level	51
10	Temporary tires/ TPMS	64
11	CO2 emissions and fuel consumption	101
12	Anti-theft/ immobilizer	116
13	Tyre installation	-
14	WLTP	-

- SGR0 considers that the UN Regulations in List B are significantly important for IWVTA and therefore need to be reviewed by GRs if and how they can be included in draft UN R0.

2. Issues to be discussed

(1) How to decide which UN Regulations to include in UN R0

(2) Others, which will be discussed in the 10th SGR0 meeting next week,

- Format of status document (TRANS/WP.29/343) to manage information notified by Contracting Parties applying IWVTA of limited recognition (L-IWVTA)
- DoF (document of fulfillment) or other alternative method
- Further review of UN R0 draft
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3. Working assumptions

- SGR0 has agreed the following working assumptions;

(1) Concept of “**Common Commencement Date**”

(2) Simple administrative procedure of UN R0 update necessitates discipline in the proper use of “**Series of amendments**” and “**Supplements**” in the individual UN Regulations, strictly in line with respective provisions in ECE/TRANS/WP.29/1044/Rev.1

(3) Others: Secretariat of Administrative Committee receives and manages information regarding L-IWVTA, and so on

3. Working assumptions: (1) Common commencement date for the amendments to UN Regulations

SGR0 considered the process for updating of UN R0 subject to the following prerequisites:

- Simple administrative process for updating UN R0
- Full transparency about the content and coverage of an IWVTA, without ambiguity
- Transitional provisions of amendments to individual UN Regulations shall be respected also in context of updating UN R0 on IWVTA

3. Working assumptions: (1) Common commencement date for the amendments to UN Regulations

Regarding update process of UN R0, the 161st session of WP29 (November 2013) was informed about the following assumptions:

- Updating UN R0 will be on an annual basis.
- Series of Amendments will be used for that purpose to provide adequate (legal) visibility of the requirements of the different updates of UNR0.
- Consider the possibility of a permanent working group to oversee the updating of UN R0.



The 9th SGR0 (January 2014) agreed on introducing the concept of “Common commencement dates”.

→ An approval to a given series of amendments to UN R0 always includes a well-defined set of requirements and clarity about the application dates.

Proposed principles for update process of UN R0

- An update of UN R0 collects for inclusion in UN R0 newly adopted UN Regulations as appropriate, as well as updates (new series of amendments) of already annexed separate UN Regulations
- **Common commencement dates**: When new “series” of amendments of UN-Regulations are adopted, the transitional provisions are, in principle, harmonized such that the “1st mandatory date” is set at September 1 of a year*. By way of exception the “1st mandatory date” can be set differently in justified cases
- An update of UN R0 collects those series of amendments which have an identical “1st mandatory date” (which then applies also for any newly incorporated UN Regulations*)

* It is not suggested to harmonize entry into force dates for new UN Regulations.

3. Working assumptions: (2) Correct use of Series of amendments and Supplements in individual UN Regulations

Simple administrative procedure requires discipline in the proper use of “series of amendments” and “supplements”

A) Definition (ECE/TRANS/WP.29/1044/Rev.1)

- Series of amendments: Shall be developed to change the technical requirements that the vehicle types, systems or components shall fulfil as from a certain date, in order to obtain UN type approval, even if the amendments are a minor technical change and do not affect vehicle/component/system/part design drastically.
- Supplement: Addresses an amendment to a UN Regulation which does not entail a modification in the approval marking

B) Examples conflicting with Definition:

R48/04 Suppl.3, R107/02 Suppl.6, R13H Suppl.9, R94/02 Suppl.4, R117/02 Suppl.4, R83/06 Suppl.2

- ##### C) CPs and experts of subsidiary bodies of WP.29 shall bear in mind that simple administrative procedure for updating of UNR0 requires discipline in the proper use “series of amendments” and “supplements”, strictly in line with respective definitions

4. Requests for WP.29

WP.29 is requested;

- **To note the first draft of UN R0 (Informal document WP.29-162-15).**
- **To consider the possible process, including role of SGR0, in deciding which UN Regulations to include within UN R0.**
- **To note the provisional work schedule for major issues to be discussed in 2014.**
- **To endorse the concept of Common Commencement dates for new series of amendments to UN Regulations (with the intention to already start applying them under the current 1958 Agreement) and to recall the need for discipline in using “series of amendments” and “supplements” correctly.**