

Progress Towards an International Whole Vehicle Type Approval Scheme

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

1. Progress in the SG Reg0 group.

2. First draft of UN R0

3. Issues for WP29

4. Working Assumptions

5. Request for WP.29

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.

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 Document
- 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

Issues for WP29

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

(2) Other items (for discussion at the 10th SGR0 meeting next week)

- Ideas on how to manage information notified by Contracting Parties applying IWVTA.
- Document of fulfillment (DoF) or alternative
- Further review of UN R0 draft
 - Definitions, Rights and Obligations of CPs
 - Replacement parts for vehicles having a UN R0 approval
 - Simplify provisions to harmonise and avoid duplication with Schedule 3 to the revised 1958 Agreement (procedure for issuing type-approvals)

Deciding which UN Regulations to include in UN R0

- ◆ At the last WP.29 (Nov 2014) SGR0 presented two tentative lists:
 - ✓ List A contains those UN Regulations SGR0 proposes to include in the first version of UN R0
 - ✓ List B contains UN Regulations that need revision prior to inclusion into List A (and into UN R0).

- ◆ SGR0 proposes the following process:
 - (1) WP29 to invite suggestions/comments from CPs on regulations to be included.
 - (2) Based on these suggestions/comments, SGR0 to review Lists A & B and report back to WP29.
 - (3) WP29 to consider/endorse the lists and to request GRs to begin revisions to UN Regulations in list B.

Deciding which UN Regulations to include in 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

Deciding which UN Regulations to include in UN R0

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.

Issues to be discussed

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

(2) Others items (for discussion at the 10th SGR0 meeting next week)

- Ideas on how to manage information notified by Contracting Parties applying IWVTA.
- Document of fulfillment (DoF) or alternative
- Further review of UN R0 draft
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Working assumptions

- SGR0 is developing the draft regulation basing its consideration on the following assumptions;
 1. A set of basic principles
 2. That WP29 agrees the use of “**Common Commencement Dates**”
 3. That WP29 ensures the consistent use of “**Series of amendments**” and “**Supplements**” in the individual UN Regulations by GRs (as set out in ECE/TRANS/WP29/1044.rev1).
 4. That a suitable **secretariat or administrative process** is established for managing information on limited IWVTA.

Updating UN R0

SGR0 suggests the process for updating UN R0 should follow the following outline:

- Administrative procedures will be simple.
- Updating UN R0 will be on an annual basis.
- Series of Amendments will be used to provide legal visibility of the different updates to UNR0.
- Fully transparent and easily accessed information on the content and coverage of an IWVTA will be secured.
- Transitional provisions of individual UN Regulations are assumed to continue to apply once included within UN R0.
- The possibility of a permanent working group to oversee the updating of UN R0 will be considered.

Common commencement dates

SGR0 suggests operational principles

- Newly adopted amendments to existing UN regulations and new UN regulations are collected into a single proposed amendment to UN R0 once each year.
- A new approach to **Implementation dates** for all amendments (and new regulations) is adopted across the whole of WP29's regulations.
 - Using a **Common commencement date** will assist the transparency of requirements for any IWVTA especially as the IWVTA scheme evolves in the future and the ~40 regulations currently in List A are amended further.
- Transitional provisions would be harmonized such that implementation dates are set at [01 September] of a year.
- Providing for priority situations where WP29 recognises an urgent need to override the general principle.

Consistency with Series of amendments and Supplements

A simple administrative procedure requires consistency using “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) The SGR0 subgroup suggests that WP.29 consider applying the existing definitions of “series of amendments” and “supplements” consistently across all regulations going forward.

Requests for WP.29

WP.29 is requested;

- To note the first draft of UN R0 (Informal document WP.29-162-11)
- To agree how to finalise the draft list (List A) of UN Regulations to include within UN R0.
- To endorse the concept of a Common Commencement dates for new series of amendments to UN Regulations.
- To consider applying a consistent use of “series of amendments” and “supplements”
- To note the provisional work schedule for major issues to be discussed in 2014.