



The IWVTA

**Candidate items for Technical
Regulations & Guidelines for GRs to
review technical regulations available
to IWVTA**

69th GRE 8-11 April 2013



Background

- **Main Document:** [WP.29-156-21-Rev.1](#),
- **Candidate Items:** Candidate items for technical regulations applicable to IWVTA (ANNEX 1),
- **Selection of REGs:** Candidate items for GRE technical regulations applicable to IWVTA (ANNEX 2),
- **Guidelines:** Guideline for GRs to review technical regulations applicable to IWVTA (ANNEX 3),
- **Review Process** (ANNEX 4 - Flow chart for "Guideline for each GR to review technical regulations applicable to IWVTA).



IWVTA Concept – Part 1:

UN Regulation No.0 (hereafter “UN R0”) will prescribe requirements for whole vehicle type approval, including UN Regulations candidate items identified at Annex 1, and this for the groups:

- **Contracting Parties (CPs) to the 1958 Agreement can choose to apply UN R0,**
- **A CP who applies UN R0 can accept and issue the UN R0 approvals (Article 2, 1958),**
- **CPs applying UN R0 is allowed to continue to accept and issue individual UN approvals. (Article 2, 1958).**



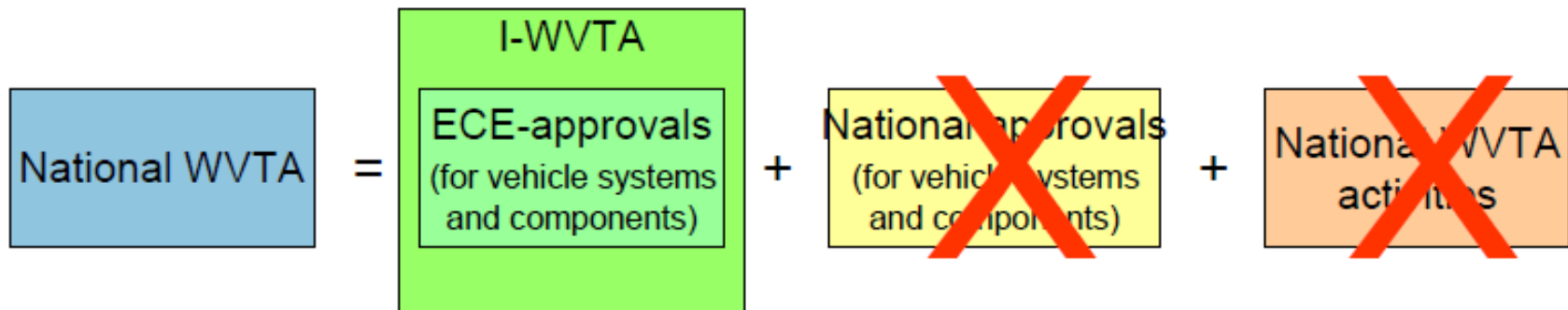
IWVTA Concept – Part 2:

- **Further examination will be necessary as to whether CPs applying UN R0 may or may not impose additional national/regional requirements.**
- **When a CP has applied UN R0, it is deemed to have automatically applied all the UN Regulations (but limited to M1 category) included in the list of UN Regulations applicable to IWVTA, even if this CP has not applied them individually prior to applying UN R0. (pending)**
- **Once a UN R0 approval is obtained, it shall be unnecessary to obtain and affix each individual UN type approval mark for vehicle system. (pending)**



2. Ultimate goal for IWVTA:

Complete mutual recognition of whole vehicle approval, without any additional national requirements or approvals remaining.





Annex 1 – Candidate items for technical regulations applicable to IWVTA:

- **Group (1): IWVTA items for technical regulations with unified requirements (Item No.1-55),**
- **Group (2): IWVTA items for potential technical regulations with regionally applicable requirements (Item No.56-60),**
- **Group (3): IWVTA items for non-technical regulations (Item No.61-64).**

Items in Group (1) and (2) will be sent to responsible GRs for review in accordance with the guideline.



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

- **The Ultimate goal for IWVTA is to realize complete mutual recognition of whole vehicle approval without any additional national requirements or approvals remaining.**
- **Each GR will review the provisions of the UN Regulations under their competence which are proposed by the IWVTA Informal group (Groups 1 and 2 of the items proposed). As an optional approach, GR may have a preliminary review of the candidate items by a smaller group of experts taken from GR members.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

- **In reviewing the UN Regulations under its competence, each GR will take due account of the principle that the performance-based requirements are provided.**
- **When after the review undertaken by GRs there would still remain unresolved issues, the GR involved will report on such "disagreements", "the history of discussion", and "the background and reasons of disagreements" to WP.29, which will discuss solutions and, if necessary, commission the GR to do further work to resolve the issues.**
- **"IWVTA Ambassador" liaises between GR experts and IWVTA Informal Group.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

“IWVTA Ambassador” to GR will attend GR meetings where UN Regulations applicable to IWVTA are reviewed as a representative of IWVTA Informal Group. The role of “IWVTA Ambassador” to GR is as follows:

- explain the guideline at the first GR meeting to be held after the 156th WP29 session in March, 2012,**
- monitor the progress of GR to review UN Regulations applicable to IWVTA and report it to IWVTA Informal Group,**
- assist GR to solve the unsettled issues.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

- **To proceed to specific review of items with regionally applicable requirements, each GR will invite “the sponsor” to clarify the difference between their national/regional requirements and those of the corresponding UN Regulations.**
- **If the concerned Contracting Party does not submit such proposals to amend the concerned UN Regulation, or if GRs and WP.29 consider that there is no need for amending the UN Regulation then it will be treated as Group 1 item according to Annex 1 of the guidelines document.**
- **For the cases where domestic requirements are not covered by UN Regulations, GRs will assess the suitability of including such domestic requirements.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

Each GR will proceed with the review of technical regulations keeping the followings in mind:

- Each GR will examine the validity of technical regulations identified at Annex 1,**
- Each GR will review the UN Regulations identified at Annex 2 of this informal document under its competence, to ensure that each technical requirement in these UN Regulations is a unified, single performance-based requirement,**
- Based on the notes provided in the table of Annex 1, each GR will verify the validity of existing UN Regulations and the appropriateness to split the identified UN Regulations and report the results to WP.29.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

Each GR will proceed with the review of technical regulations keeping the followings in mind:

- If GTR is identified at Annex 1, the responsible GR will develop proposals for UN Regulation based on the GTR with a view to including it in UN R0,
- For the time being, discussion on IWVTA concerns solely vehicles of M1 category, concentrating efforts for harmonization firstly on those vehicles.



Annex 3: Guideline for priority of technical regulation for GRE and review report of GRE to IWVTA Informal Group

Each GR/ IWVTA Informal Group will report on the followings to WP.29 at its June,2013 session:

- a) Those needing no or only minor amendments, which should be reviewed in the first step (to be reviewed by 69th GRE,**
- b) Those needing amendments or creation and of significant importance, which should be reviewed in the first step (sponsors will be appointed by 69th GRE),**
- c) Those needing major amendments or creation of UN regulations, which will be reviewed in the second step.**



Annex 3: Guideline for GRs to review technical regulations applicable to IWVTA

Milestones: Each GR/ IWVTA Informal Group will report on the followings to WP.29 at its June,2013 session:

- i. the validity of the identified UN Regulations,**
- ii. the necessity of the identified UN Regulations to be included in IWVTA,**
- iii. the necessity to split the identified UN Regulations,**
- iv. the necessity to amend the identified UN Regulations,**
- v. the possibility to develop the unified requirements,**
- vi. the necessity to separate the identified UN Regulations for the M1 category vehicles and the vehicles of the other categories.**



Annex 4: Flow chart for "Guideline for each GR to review technical regulations applicable to IWVTA"

- **Main Document:** [WP.29-156-21-Rev.1](#),
- **Check points to be examined,**
- **Make a plan to review candidate of technical regulation items applicable to IWVTA,**
- **Decides Sponsor for each candidate of technical regulation items .**

Annex 1: GRE – Candidate items for technical regulations applicable to IWVTA – Part 1

Group	Item No.	Item	UN R	Priority	Sponsor Proposed	Review Result (IWVTA Review Flow Chart)						Schedule for amendments or creation (if necessary)
						(i)	(ii)	(iii)	(iv)	(v)	(vi)	
1	7	Radio interference (electromagnetic compatibility)	10	(a)	Discussion at GRE	Yes	Yes	No	No	Yes-	No-	
1	13	Installation of lighting and light signaling devices	48	(b), (c)	GTB	Yes	Yes	No	Yes	Yes/No	Yes/No	Continue the discussion in GRE
1	14	Retro reflectors	3	(a)	Discussion at GRE	Yes	Yes	No	Yes	Yes	No	
1	15	End-outline, front position (side), rear-position (side), stop, side marker, daytime running lamps	7,87, 91	(a)	Discussion at GRE	Yes	Yes	No	Yes/No	Yes/No	Yes/No	
1	16	Direction indicators	6	(a)	Discussion at GRE	Yes	Yes	No	No	Yes	No	
1	17	Front fog lamps	19	(a)	Discussion at GRE	Yes	Yes	No	No	Yes	No	

Note: Subjects of review to be reported to WP.29

- (i) The validity of the identified UN Regulations,
- (ii) The necessity of the identified UN Regulations to be included in IWVTA,
- (iii) The necessity to split the identified UN Regulations,
- (iv) The necessity to amend the identified UN Regulations,
- (v) The possibility to develop the unified requirements
- (vi) The necessity to separate the identified UN Regulations for the M1 category vehicles, and the vehicles of the other categories.



Annex 1: GRE – Candidate items for technical regulations applicable to IWVTA – Part 2

Group	Item No.	Item	UN R	Priority	Sponsor Proposed	Review Result (IWVTA Review Flow Chart)						Schedule for amendments or creation (if necessary)
						Yes	Yes	No	No	Yes	No	
1	19	Rear fog lamps	38	(a)	Discussion at GRE	Yes	Yes	No	No	Yes	No	
1	20	Reversing lamps	23	(a)	Discussion at GRE	Yes	Yes	No	No	Yes	No	
1	21	Parking lamps	77	(a)	Discussion at GRE	Yes	Yes	No	No	Yes	No	
1	34	Headlamps cleaners	45	(b)	Discussion at GRE	Yes	Yes/No	Yes/No	No	Yes/No	No	
1	39	Cornering lamps	119	(b)	Discussion at GRE	Yes	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	
1	54	Headlamps (including bulbs)	1,2,5,8,20,3 1,37,98,99, 112, 123	(b)	GTB	Yes	Yes	Yes/No	Yes/No	Yes	Yes/No	
1	55	Advance warning triangle	27	(b)	Discussion at GRE	Yes	Yes	No	Yes	Yes/No	No	
2	58	Rear registration plate lamps	4	(b)	Discussion at GRE	Yes	Yes	No	No	Yes/No	No	

Note: Subjects of review to be reported to WP.29

- (i) The validity of the identified UN Regulations,
- (ii) The necessity of the identified UN Regulations to be included in IWVTA,
- (iii) The necessity to split the identified UN Regulations,
- (iv) The necessity to amend the identified UN Regulations,
- (v) The possibility to develop the unified requirements,
- (vi) The necessity to separate the identified UN Regulations for the M1 category vehicles, and the vehicles of the other categories.



Item No.	Items	UN Reg	GR	EU Comments
7	Radio interference (electromagnetic compatibility)	10	GRE	Readily adoptable – No National requirements
13	Installation of lighting and light signalling devices	48	GRE	Readily adoptable – Installation of DRL is prohibited in Japan
14	Retro reflectors	3	GRE	Readily adoptable – No National requirements
15	End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	7,87, 91	GRE	Readily adoptable – No National requirements
16	Direction indicators	6	GRE	Readily adoptable – No National requirements
17	Front fog lamps	19	GRE	Readily adoptable – No National requirements
19	Rear fog lamps	38	GRE	Readily adoptable – No National requirements
20	Reversing lamps	23	GRE	Readily adoptable – No National requirements
21	Parking lamps	77	GRE	Readily adoptable – No National requirements
34	Headlamps cleaners	45	GRE	National requirements for S. Africa, Russia applies the provisions though R 48
39	Cornering lamps	119	GRE	National requirements for S. Africa, Australia
54	Headlamps (including bulbs)	1,2,5,8,20,3 1,37,98,99, 112,123	GRE	GR is to check the validity of R1, R2,R5, R8, R20, R31. GRE is to check whether R37 and R99 have performance-based requirements. UN Regulation on LED light source is pending.
55	Advance warning triangle	27	GRE	National requirements for EU, Russia and Australia – Built-in type AWT only GR is to check the validity of R27.
58	Rear registration plate lamps	4	GRE	Japan has registration plates of different size. Accordingly Japan needs different requirements for rear registration plate lamps.



Thank you for your attention!

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