

(Discussion Paper)

Priority of Discussion on Technical Requirements for IWVTA and Draft Report to IWVTA Informal Meeting

The "Guideline for each GR to review technical regulations applicable to IWVTA" (WP.29-156-21) prescribes that each GR and IWVTA informal meeting report the results of review to the meeting of WP.29 to be held in June 2013. Further, the 158th WP.29 meeting held in November, 2012, agreed that priorities of discussion should be given to the technical requirements for IWVTA to be examined by GRs.

(Extract of the meeting minutes of WP.29)

”WP.29 agreed that, in general, as a first step, the UN Regulations to be included in IWVTA, should be those not needing any or only minor amendments to reach consensus, while taking into account the importance of the respective amendments. As a second step, WP.29 agreed to focus on those needing major amendments to reach consensus.”

1. Draft priority of technical regulation for GRE and review report of GRE to IWVTA Informal Group

(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

The following are the priorities of discussion of candidate items and results of review proposed by the GRE ambassador as working draft:

Group	Item No.	Item	UN R	Priority	Sponsor Proposed	Review Result (IWVTA Review Flow Chart)						Schedule for amendments or creation 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 Installation of DRL is prohibited in Japan.
(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,	7	(a)	Discussion at GRE	[Yes]	[Yes]	[No]	[Yes/No]	[Yes/No]	[Yes/No]	
		Daytime running lamps	91									
			87	(c)								Installation of DRL is prohibited in Japan.
(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]	
(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	

Group	Item No.	Item	UN R	Priority	Sponsor Proposed	Review Result (IWVTA Review Flow Chart)						Schedule for amendments
(1)	34	Headlamps cleaners	45	(b)	Discussion at GRE	[Yes]	[Yes]	[No]	[No]	[Yes]	[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	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			2	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			5	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			8	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			20	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			31	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check the validity
			37	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check whether or not regulation has performance-based requirements.
			98	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	
			99	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	GRE is to check whether or not regulation has performance-based requirements.
			112	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	UN R on LED light source is pending
123	(b)	GTB	[Yes]	[Yes]	[Yes/No]	[Yes/No]	[Yes]	[Yes/No]	UN R on LED light source is pending			
(1)	55	Advance warning triangle	27	(b)	Discussion at GRE	[Yes]	[No]	[No]	[Yes]	[Yes/No]	[No]	Built-in type AWT only GRE is to check the validity of R27.

Group	Item No.	Item	UN R	Priority	Sponsor Proposed	Review Result (IWVTA Review Flow Chart)						Schedule for amendments
(2)	58	Rear registration plate lamps	4	(b)	Discussion at GRE	[Yes]	[Yes]	[No]	[No]	[Yes/No]	[No]	Japan has registration plates of a different size. Accordingly Japan needs different requirements for rear registration plate lamps.

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

The following table summarises the current statuses of GRE related regulations and the special conditions applying to each of the identified candidate items:

Item No.	Items	UN Reg	GR	EU Comments
7	Radio interference (electromagnetic compatibility)	10	GRE	Readily adoptable
13	Installation of lighting and light signalling devices	48	GRE	Appropriate to specify requirements – Installation of DRL is prohibited in Japan
14	Retro reflectors	3	GRE	Readily adoptable
15	End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	7	GRE	Readily adoptable
		91		Readily adoptable

Item No.	Items	UN Reg	GR	EU Comments
		87		Not Adoptable – Installation of DRL is prohibited in Japan
16	Direction indicators	6	GRE	Readily adoptable
17	Front fog lamps	19	GRE	Readily adoptable
19	Rear fog lamps	38	GRE	Readily adoptable
20	Reversing lamps	23	GRE	Readily adoptable
21	Parking lamps	77	GRE	Readily adoptable
34	Headlamps cleaners	45	GRE	No National requirements for S. Africa, Russia applies the provisions though R48
39	Cornering lamps	119	GRE	No National requirements for S. Africa, Australia
54	Headlamps (including bulbs)	1	GRE	Appropriate to specify requirements – GRE is to check the validity
		2		Appropriate to specify requirements – GRE is to check the validity
		5		Appropriate to specify requirements – GRE is to check the validity
		8		Appropriate to specify requirements – GRE is to check the validity
		20		Appropriate to specify requirements – GRE is to check the validity
		31		Appropriate to specify requirements – GRE is to check the validity
		37		Appropriate to specify requirements – GRE is to check whether or not regulation has performance-based requirements.
		98		Appropriate to specify requirements
		99		Appropriate to specify requirements – GRE is to check whether or not regulation has performance-based requirements.
		112		Appropriate to specify requirements – UN R on LED light source is pending
		123		Appropriate to specify requirements – UN R on LED light source is pending
55	Advance warning triangle	27	GRE	Appropriate to specify requirements – No National requirements for EU, Russia and Australia – Built-in type AWT only GR is to check the validity of R27.

Item No.	Items	UN Reg	GR	EU Comments
58	Rear registration plate lamps	4	GRE	Appropriate to specify requirements – Japan has registration plates of different size. Accordingly Japan needs different requirements for rear registration plate lamps.

2. Schedule

April 2013: The ambassadors present proposed priorities and review results to the 69th meeting of GRE.

By the end of April, 2013: Each CP reviews regulations and submits proposed changes, if any, to the ambassadors. (E.g. Change Priority (a) to Priority (b))

Mid of May 2013: The ambassadors summarize CPs' opinions and ask GRE CPs for comments.

End of May: GRE agrees on the priorities and the results of review through written procedures. Appoints sponsors for items in (b).

June 2013: Progress report to WP29 (Through IWVTA informal group)

September 2013: The 70th meeting of GRE appoints sponsors for items (c) as necessary.
