Background information on the Japanese proposal to amend R48 for IWVTA (GRE-69-24)

Submitted by the expert from Japan
Outlines

Background
- Japan examined R48 according to the IWVTA guide line; WP.29-156-21-Rev.1 page 2
  “(ii) whether amendments of the said UN Regulation is necessary or not
  (Some requirements should be converted into “If fitted” category.)”

Proposal
- To convert the presences of some devices from “mandatory” to “optional”.

Purpose
- To extend R48 type approval that will be a part of IWVTA to more countries and vehicles.
## Current situation

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<th>RFL</th>
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**DRL:** Daytime running lamps  
**RFL:** Rear fog lamps  
**HLC:** Headlamp cleaners for over 2000 lumens  

**M:** Mandatory  
**O:** Optional  
**P:** Prohibited

Why are many national regulations different from R48?
There is not enough effect to mandate DRL for countries in low latitude.
Problem

R48 TA(IWVTA) is limited to few countries and vehicles.

How can we extend it to more countries and vehicles?
Proposal

To convert the presence of DRL, RFL and HLC from “mandatory” to “optional”.

Ex.)
6.19. DAYTIME RUNNING LAMP (Regulation No. 87)\textsuperscript{14}

6.19.1. Presence


\textsuperscript{14} [Contracting Parties may mandate the presence of DRL (as specified in paragraph 5.22.) on the basis of national regulations.] The Contracting Parties not applying Regulation No. 87 may prohibit the presence of DRL (as specified in paragraph 5.22.) on the basis of national regulations.

This method is used for ESC, BAS(R13H) and TPMS(R64) in EU.
Effect of the amendment

A
With DRL&RFL

EU, Russia

R48:DRL-O, RFL-O

+ 

National Reg.: DRL-M, RFL-M

Not approved

B
With DRL
Without RFL

Australia, S. Africa, R. of Korea

R48:DRL-O, RFL-O

Can be applied

Approved

C
With RFL
Without DRL

D
Without DRL&RFL

Japan

R48:DRL-O, RFL-O

Can use

National Reg.: DRL-P

Approved

R48 TA(IWVTA) will be extended to more countries and vehicles.
Thank you for your attention.