

Japan's positions regarding measures to improve the safety and the environment for vehicles

1. Background

- From the viewpoints of enhancing IWVTA, it is necessary to amend UN Regulations so that they could secure the safety and the environment for all the countries in the world that have different traffic conditions.
- In addition, since the new technologies are spreading around the global market, it is necessary to update UN Regulations in a timely fashion in order to enable the said technologies to contribute to the safety and the environment.
- From the above mentioned facts, we aim to have truly global WP29 and 1958 Agreement for each country included Non-CPs, and to seek the improvement of the safety and the environment around the world.

2. The Typical Items of Specific Amendment proposed by Japan

① Contributions to enhancing IWVTA

• R4: Lighting Devices for the Rear Registration Plate (GRE)

The sizes of Number Plate are differed by each country in the world. We have a plan to propose an amendment for the regulations in order to secure sufficient illumination for all sizes of number plates in the world.

• R34: Strengthening the requirements for the event of rear-end collision (GRSG)

Strengthening the requirements on the rear-end collision test is important to reduce the fire incidence rate at the event of rear-end collisions. Hence, we submitted the proposal for the amendment of this regulation to improve the safety levels of UN Regulations.

• R46: Improvement of visibility on indirect views (GRSG)

For Asian countries it is quite important to protect pedestrians as the traffic safety and it is necessary to secure the field of vision in a close proximity to sides and front of a car. Therefore, we submitted the proposal for the amendment of this regulation to enable a driver to grasp every pedestrian or bicycle which comes close to a car.

② Support for New Technologies

• R79: Proposal of New Regulation (Steering System) (GRRF)

The existing R79 defines "Advanced Driver Assistance Steering System", but doesn't stipulate any specific technical requirements regarding the new technologies like parking assist, or lane keeping assist devices, which are now spreading in the market. As a result, now, such devices are certified based on R79 without being checked any safety requirements. Therefore, Japan submitted the proposal for a new regulation to the 73rd GRRF held in September 2012 to secure safety of such devices using new technologies.

3. Schedule

- We will inform each GR of our ideas by the end of 2012.
- We will submit the amendment proposal to each GR after 2013.

4. Request

We would like to have each contracting party and relevant organization to actively join the discussion on the proposals made by Japan from the technical and global viewpoints.
