Report
Task Force UNR46  5th Meeting
OICA Paris, 26-27th September 2016
Summary

✓ Background
✓ Progress report
✓ Next Steps
Background

- 106th GRSG Session (May 2014)
  Establish the Task Force R46 to improve vehicle’s indirect vision for preventing of pedestrian accidents
  ✓ 1st Task Force meeting (September 2014, Geneva)
  ✓ 2nd Task Force meeting (May 2015, Geneva)
  ✓ 3rd Task Force meeting (September 2015, Geneva)
  ✓ 4th Task Force meeting (April 2016, Geneva)

- 110th GRSG Session (April 2016)
  Japan proposed amendments focusing on 360° vision/detection around the vehicle
  ✓ 5th Task Force meeting (September 2016, Paris)
  Japan proposed new requirements focusing on rear vision. This proposal was discussed in the meeting.
Attendance

- **Chair:** Mr. Naono (JASIC, Japan)
- **Secretary:** Mr. Miki (JASIC, Japan)
- UTAC, France
- MLIT, NTSEL, Japan
- OICA

Total: 13 persons
Report of discussion
Items discussed at 5th TF-R46

- Reversing vehicles accidents data in Japan (Japan)
- Proposal for amendments to UN R46 (Japan)
- Reversing vehicles accidents data in US (Reference/ Japan)
- Comments to Japan’s proposal (OICA)
# Roadmap to the Introduction of Requirements for the View of the Vehicle’s Surroundings and the View of Its Close-Proximity Rear

<table>
<thead>
<tr>
<th>Requirement for the view of the vehicle’s surroundings and rear was proposed.</th>
<th>2016</th>
<th>2017</th>
<th>2018-</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHASE 1</td>
<td>To be discussed at TF; Informal document to be submitted to GRSG (111th)</td>
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<tr>
<td>The view of the close-proximity rear to be proposed</td>
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<td>R46TF-05-10</td>
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<tr>
<td>PHASE 2</td>
<td>Working document to be submitted to GRSG (112th)</td>
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<td>The view of the surroundings to be proposed</td>
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<tr>
<td>Requirement divided into: the view of the surroundings and the view of the close-proximity rear</td>
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Discussed at TF & GRSG (110th)

Applicable vehicle categories, etc. to be verified; To be discussed at TF, as necessary, based on the result of the verification. Proposals or presentations will be submitted to GRSG.
Proposal for amendment to R46 [GRSG-111-XX]

Requirement for the view of the vehicle’s close-proximity rear

Purpose: To prevent accidents by enabling the driver to notice any pedestrians around or behind the vehicle.

Requirement: The close-proximity rear-view device shall be such that the driver can detect objects (with a height of 1,000mm and a diameter of 300mm) located within the areas defined in Figure, using a mirror, camera, sonar, etc.
Main discussion at TF46

TF discussed draft of amendment to R46 proposed by Japan mainly about the following points:

✓ Detection means: technology neutral requirements should permit any detection technology

✓ Do accident data differ among regions? (Japan, US, Germany, others?)

✓ Regulatory approach at GRSG level:
  → “UN R46 amendment” vs “New regulation”? (or other solutions?)

✓ Scope (requirements may differ according to the vehicle category)

✓ Provisions addressing obstruction

✓ Alignment with FMVSS111

✓ Test procedure for obstruction proximity of the vehicle
1. Asking guidance for TF future work

- Amendment to R46 or New regulation?
- Establish an IWG?

2. Question to CPs

- Will CPs apply provisions on a mandatory basis in their territory, even if there are regional differences in accident data?
  → It is not a matter of UNR but domestic regulation.
  (refer an approach of UNR34-03)

3. Request to CPs on accident data

- TF is pleased to ask CPs and the other members to provide accident data on reversing vehicles, if existing.
Next Steps (earliest scenario)

✓ 111th GRSG session, October 2016
   Discussion on draft of amendments to UN R46

✓ 112th GRSG session, April 2017
   Submission of working document

✓ 173rd WP29 session, November 2017
   Submission of working document
Thank you very much for your kind attention