

**Report of the 4th Meeting of the
Informal Working Group on Panoramic Sunroof Glazing**

Location: Palais des Nations, Room XXV
Date: Monday, 25th April 2016, 10:00 – 16:00 CET
Chair: Mr. Eom Sungbok (Republic of Korea), Mr. Richard Damm (Germany)
Secretary: Mr. Dr. Stephan Müller von Kralik (Germany / CLEPA)

1. Welcome and Introductions

Mr. Eom Sungbok, from KATRI (Korea Automobile Testing & Research Institute), Chair of the informal working group welcomed the participants.
22 people attended at the meeting (hereof 3 via Audio Conference).

2. Review draft minutes of 3rd IWG PSG meeting

The agenda for 4th meeting was presented and confirmed.
The minutes of meeting on 3rd meeting were presented, changed in some areas and released.

3. GTR 6 amendment proposals

3.1. The presentation of CPA data of typical panorama roofs was presented and discussed. Data was confirmed by GFE as being correct.

3.2. The presentation and proposal for GTR 6 amendments of Korea was presented and discussed.

Questions: - Is content of GRSG 107-23 to change the scope, still included ?
- Is it possible to use an international more clear definition than “sunroof and panorama roof” ?

3.3. Short improvement proposal of CLEPA / GFE on Korean proposal for 6.3.4.1.

3.4. The proposal of OICA for GTR 6 amendments was presented and discussed.

3.5. An intensive discussion of all proposals by the attending members (locally and by phone) was related to the following issues, which were finally not further commented:

- OICA amendments 3.2.4.1 and 3.2.4.2 were finally agreed to be removed and other definitions to be searched.
- It was supported that a CPA limitation should only affect panes in the overhead zone, which reach into the design glass outline area.
- It was supported that in case of a % specific limitation of CPA all ceramic prints should be included. Including markings and dotted areas or other ceramic prints (e.g. Logo).
- It was mentioned that a new definition of “overhead glazing” should not lead to additional markings, homologation efforts or other release activities increasing the costs.

- It was agreed that a separate definition for the panes in the roof area has to be included in the GTR 6 with clear separation from other typical window panes and the OICA proposal of 3.23 was basically agreed, but needs final wording review.
- It was agreed that a combination of OICA and Korea proposal could be a good path for a final agreement level.
- It was stated that the group should be concentrating to discuss and define proposals to minimize the risk of driver distraction or injury due to breakage of panes in the overhead zone with CPA.
- For the measurement of CPA area the method should be clearly defined and a CAD data based version seems easy to manage.

4. Scope of work

The Chairman thanked all members of the working group for their proposals on amendments to GTR 6 and the open discussion and asked for an extremely intense exchange between the members of the group until the next meeting to hopefully find an agreeable summary for all.

Activities asked for by Chairman:

- OICA has taken the lead to align a final wording of 3.23 definition with all IWG PSG members and will include herein a review on 3.24 for a final document version.
- The calculation of the dotted area as CPA relevant area needs to be defined clearly. Task taken by Alliance.
- Numbers in the Korean proposal (50% and 25mm) should be reviewed and agreed into a final proposal by June 2016. Task by Korea and OICA.
- Markings (all kinds according latest status of R43 and GTR 6) need to be added to section 4. Task taken by OICA.
- All requested and within IWG PSG aligned changes should be entered into a final GTR 6 amendment proposal at secretary, if possible for the meeting in June.
- Final work-out of joint proposal shall take place until following meeting in June.
- Final agreement and cosmetic work in June.
- Joint release on final meeting on 10th October 2016.

5. Proposed Agenda / Topics for next PSG IWG meeting

- Review and agree hopefully on work-out of joint proposal on GTR 6 amendment until next meeting in June

Date and Timing for 5th meeting of IWG PSG in company WEBASTO:

DATE: 28th June 2016

Address: Kraillinger Straße 1-5 in 82131 Stockdorf (south of Munich)

6. Any other Business

nothing

7. Closing remarks and next meeting schedule

The Chairman thanked the attending members in Geneva and especially the international colleagues in the WEBEX due to time delta for their very good and forward looking support to IWG PSG as well as for the conclusions and decisions already made.

Minutes of meeting 3rd meeting IWG PSG and all presentations of 4th meeting are uploaded on the Share-point.

Final meeting (1/2 day in the morning) on 10th October 2016 in Geneva
