

**Report of the 7th WEBEX 2019 Meeting of the
Informal Working Group on Panoramic Sunroof Glazing**

Location: WEBEX
Date: Tuesday, 30th July 2019, 12:35 – 13:45 CEST
Chair: Mr. Eom Sungbok (Republic of Korea), Mr. Thomas Fuhrmann (Germany)
Secretary: Mr. Dr. Stephan Müller von Kralik (Germany / CLEPA)

12 people attended at the meeting (hereof all via Audio Conference).

1. Welcome, review and release minutes of Webex No.6

Minutes of WEBEX No.6 were released.

2. Explain tasks for today

Secretary explained that the key targets for No.7 meeting are agreement of IWG PSG on values for guideline and review and discussion on implementation process and timeline.

3. Summary of status of No.6 meeting

Secretary showed final draft of wording for boundary as agreed in No.6 and uploaded onto UNECE homepage.

OICA (ALLIANCE) asked for clarification of what the “legal impact”/expectations would be for the guideline / Mutual Resolution as currently envisioned: Secretary answered that the agreed way forward within IWG PSG was not to change existing legally binding technical regulation GTR6 anymore, but set-up and officialise a guideline by IWG PSG as technical experts to be able to shut-down the mandate of IWG PSG by June 2020. As such, a guideline has no a legally binding character, but does publically set an expectation of performance that manufacturers will need to consider as part of their “due care” diligence.

Secretary showed page from KATRI explaining the reason why both chairs ask for 125mm and 40% as values based on a glass pane of 1m².

4. Agreement on values for guidance

OICA gave a statement that the originally proposed values of 135mm and 50% remain unchanged.

KATRI asked if the understanding is correct that OICA remains with 135mm and 50% compared to the proposal of the Chairs of 125mm and 40%? OICA confirmed this.

As there were no other proposals or statements for values, secretary asked all parties involved, if compromise proposals could be put onto the table between the two positions: 135mm ⇔ 125mm and 40% ⇔ 50%.

KATRI gave the statement that based on the page with the CPA calculation shown in Webex No.7 by secretary KOREA would be possible to offer a compromise with ≤125mm and ≤45%, which would match the data on the page shown and is supported by both chairs.

OICA thanked KATRI and the chairs for their willingness to find a compromise, but would need some time to review the compromise proposal with its members.

Based on the timeline to prepare the guideline / Mutual Resolution getting shorter OICA recommended to use $\leq 125\text{mm}$ and $\leq 45\%$ values for the moment for further creation of the guideline. OICA will discuss with its members and review internally, if the compromise proposal of the Chairs would be acceptable or if maybe some special exceptions might be necessary. OICA will give feedback hereto in next WEBEX meetings.

Webasto as CLEPA member showed an example of a rear glass pane in current design status, which would not meet the guideline. But with a CPA stripe design which only meets the technical requirements could meet the compromise value proposal of the Chairs ($\leq 125\text{mm}$ and $\leq 45\%$) of that specific glass pane. The page visualizes possibilities and possible design impacts / additional efforts of CPA optimization.

5. Discussion on official implementation

OICA (ALLIANCE) mentioned that based on the “final draft” of the wording the special focus of the group should now be given to have a clear wording in the guideline.

It should reflect clearly that the primary boundary is 125mm (or finally agreed value) and only in case this primary boundary cannot be achieved for all sides of the single glass pane, then the secondary boundary of 45% (or finally agreed value) will become binding in addition for the CPA design change. Small glass panes may have difficulties to reflect the guideline, if both boundaries would be equally binding.

OICA mentioned that also a wording should be included that no future developments in glass or ceramic printing are reflected/included in the guideline, but state of the art tempered glass panes and ceramic printing material and processes of today.

With regards to the implementation of the guideline after official release in Geneva in 2020 the discussion of the group showed the following:

- The group tends to remain with the position in earlier IWG PSG meeting in Geneva that for running production the roof design shall not be changed to meet the guideline.
- OICA mentioned that Industry will not be able to have the guideline implemented in future projects with release of the guideline as such implementation would need to happen in a very early design phase of the vehicle (3+ years before market entry).

6. Draft first key boundaries on implementation process and timing

KATRI expects that it could take some time to find an agreement on a timing.

OICA stated that it will take the task to start an internal discussion with its members and to prepare a timing proposal from OICA side for one of next WEBEX meetings.

7. Other business

- Review of the WEBEX meeting schedule and agreement that next WEBEX shall take place either CW35 or CW36. Preferred from OICA side would be CW35.

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