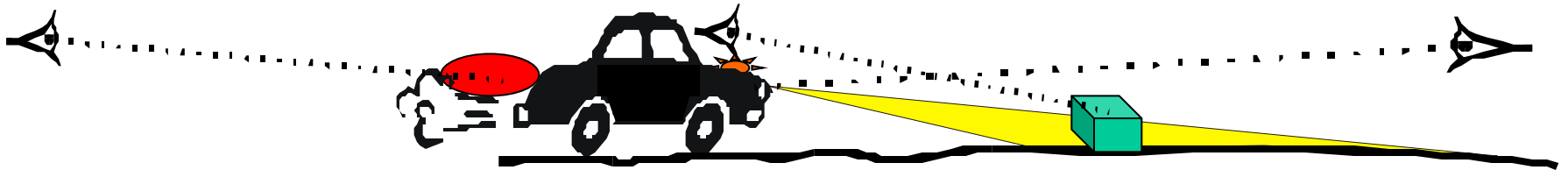


GTB Task Force

Coordination of **Automotive Visibility** and **Glare Studies**

Status March 2012



Looking back

Presentation of GTB President, GRE-66-21

- Motivation for the study
- Objectives of the study
- Factors to be included/ excluded
- Organisation of the Task Force and position in GTB
- Scope of the Task Force
- Terms of reference
- Priorities
- Documents: <http://www.gtb-lighting.org/VGS/indexVGS.htm>

Priorities

Priority I

Head Lighting

Total performance of the passing beam as installed and in use during night time

Priority II

Front Fog lamps

Total performance of the front fog lamps as installed

Signal Lighting

Total performance of signalling lamps as installed

Task Force

- WG Safety and Visual Performance (WG SVP)
- WG Front Lighting (WG FL)
- WG Signal Lighting (WG SL)
- WG Installation (WG I)
- Liaisons

WG SVP

Short Term

- **Low hanging fruit**

Make studies in preparation for proposals to GRE. This can be either concrete proposals based on existing knowledge or studies or proposals for further study.

- **Literature and running studies overview**

Perform a summary of studies in the area of Glare and Visibility that are available or running. Review the studies and divide work that results from the review between the WG SVP experts.

- **Insight in complaints from the public**

Investigate possibility to view complaints sent to officials in ECE countries. In case of serious complaint letters, the people who filed the complaint could be contacted by governmental experts or delegates and problem could be further investigated.

Suggested timing for the first round of review is early 2012

Outcome by WG SVP at GRE68?

WG FL

Short Term

- Prepare a **field test**
 - Specify objectives
 - Specify necessary means
 - Suggested timing for the first round of specifications is early 2012
 - Tune with (the outcome of the work of) WG SVP before starting the field test

WG FL field test

Status

- 1st Dynamic field test org. 21 March 2012
- in Klettwitz, Germany
 - DEKRA test track
 - support from TU Darmstadt
- on automatic devices performances

Purpose

1. to define differences in discomfort glare using actual production headlamps
2. to define the influence of Automatic Levelling Devices

➔ Status or 0-test

Outcome by WG FL at GRE68?

WG FL

Intermediate Term

- *Make studies in preparation for proposals to GRE. This can be either concrete proposals based on existing knowledge or studies or proposals for further study.*

Under consideration/ disputed/ postponed

Next steps

- Merge outcome short term studies from
 - WG SVP
 - WG FL
- Consider consequences for the GTB study
 - WP.29: EU and Japan not able to vote
 - Consideration by GRE67
- Define next steps
- Present to GRE68

THANK YOU