Installation Working Group

Presentation to GRE 65 March 2011

Chairman: Mr. John Veasey
Secretary: Mr. Valter Genone
The Motivation

- GTB has operated for many years with working groups dedicated to Front Lighting and Signal Lighting considering both device and installation matters.

- However, the increasing complexity of modern vehicles has shown that many inconsistencies exist in the installation regulations.

- The recent restructuring of GTB has provided an opportunity to give a better support to GRE by providing a working group with special focus on the “installation” regulations (with particular emphasis on ECE R48).
Scope

- The WG Installation acts in an advisory capacity to GTB and its working groups.

- To ensure the editorial alignment and coherence of contents of GTB proposals between installation regulation and the device regulations.
Objectives

- When requested it will:
  - examine proposals where complex elements effect installation of lighting and light signalling devices on vehicles of categories M, N, L, O and T.
  - provide uniform explanation of the installation requirements in relation to such proposals.
  - ensure the editorial alignment and coherence of contents between installation regulations and the devices type-approval regulations.
  - ensure that specific characteristics and performance have been correctly considered (e.g. switching and sensor relationships).
Methodology

- The WG Installation will work closely with other working groups, under the guidance of the GTB Technical Steering Committee.

- In most cases the work will be based on the inputs coming from the GTB Committee of Experts and from the Working Groups.

- Under special circumstance the WG Installation may introduce topics deemed appropriate for future work to the GTB Committee of Experts for consideration and approval.
Current Work

- Reduced inboard geometric visibility and definition of upper or lower edge of apparent surface, based on GRE/2010/36.

- Examination of the installation requirement to have a minimum value of light throughout the angles of geometric visibility when installed, however there is no provision to test a device during type approval.