

PROVISIONAL AGENDA

6th MEETING

WORKGROUP ON QUIET ROAD TRANSPORT VEHICLES

17<sup>th</sup> to 19<sup>th</sup> May 2011

San Diego State University, Interwork Institute



San Diego, California, USA

**May 17<sup>th</sup> - 10:00 a.m. to 5:30 p.m.**

1. Welcome and Opening remarks by Chairman
2. Opening Remarks by:
  - a) Dr. Fred McFarlane, Co-Director, San Diego State University Research Foundation, Interwork Institute
  - b) Mr. John Pare, Executive Director for Strategic Initiatives, National Federation of the Blind
3. Introduction of Participants
4. Agenda
  - a) Modifications / Additions

- b) Adoption
- 5. Minuets from 5<sup>th</sup> Meeting in Munich
  - a) Modifications / Additions
  - b) Adoption
- 6. QRTV Recommended Guideline
  - a) Review GRB and WP.29 comments and suggested modifications
  - b) Review WP-29 recommendations for UN listing of Guideline (e.g. RE.3 document?).
- 7. Presentation by Dr. Katsuya Yamauchi (to be confirmed)
- 8. Presentations by the expert from the European Association of Automotive Suppliers (CLEPA)
  - a) Measurement of directivity of added sounds for EVs
  - b) Determination of Audibility (Masking) of EV Sounders in Traffic Noise
  - c) Measurement of the attenuation of EV added sound with distance
- 9. Presentation by Mr. Torben Holm Pedersen, DELTA Sense Lab, Denmark
- 10. Discussion by the U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA), Volpe Laboratories, of their Phase 2 report.
- 11. Status of regulation development in U.S.
- 12. Possible Assistance to U.S. by QRTV
- 13. Harmonization of U.S. Pedestrian Safety Regulation with UN/ECE/GTR for Quiet Road Transport Vehicles (QRTV).

**May 18th - 9:30 a.m. to 5:30 p.m.**

14 QRTV Development of UN/ECE/GTR

Article 6, of the Agreement Concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts Which Can Be Fitted and/or Be Used on Wheeled Vehicles (1998 Agreement), requires the following major elements for the development of a GTR for QRTV alerting systems:

- a) A proposal to the Executive Committee of the 1998 Agreement (AC.3) from a contracting party(s) to develop a harmonized
  - i) an explanation of the objective of a GTR

- ii) a narrative description or draft text of the proposed GTR
  - iii) identification of documentation that will facilitate the analysis of issues to be addressed in the report [to the AC.3] that supports the recommended GTR and those issues that may be in opposition to the GTR
  - iv) recommendation of Working Party(s) that are appropriate to the development of the proposed GTR
- b) Obtain a consensus vote of the AC.3 in favor of developing a GTR, establish the country sponsorship(s) of the GTR (Japan? USA? Germany? EU? others?), assign the regulation development to a Working Party(s) with recommended time schedule
- c) In accordance with Article 6 of the 1998 Agreement the Working Party(s) shall develop a work plan, time lines and assign responsibilities to:
- i) consider technical feasibility
  - ii) consider economic feasibility
  - iii) examine benefits, including those of any alternative regulatory requirements and approaches considered
  - iv) compare potential cost effectiveness of the recommended regulation to that of alternative regulatory requirements and approaches considered
  - v) verify whether the new GTR satisfies the stated objective and the criteria of Article 4 and
  - vi) give due consideration to the possibility of the technical regulation being established under the 1958 Agreement
- d) The Executive Committee determines if the recommended regulation and its supporting materials meet the requirements for establishment as a GTR under the UN 1998 Agreement.
- e) The Executive Committee of the 1958 Agreement (AC.1) will determine if the regulation meets requirements for establishment under the UN 1958 Agreement

**( The above explanation is provided for those parties not familiar with the GTR requirements set forth in the UN/ECE/1998 Agreement )**

15. Develop GTR Outline per Article 6

- a) Tasks / responsible party(s)
- b) Time lines

**May 19th, 9:30 a.m. - 4:00 p.m.**

16. Status report of work underway in Japan, Germany, EC and elsewhere
17. Exchange information with the Motorcycle Industry Council, Inc. (MIC) represented by Ms. Pamela Amette, Vice President
18. Exchange information with the International Motorcycle Manufacturers Association (IMMA)
19. Exchange information with heavy duty vehicle (truck and bus) manufacturers (to be confirmed)
20. Review recent documents, both favorable and opposed to the QRTV alerting system
21. Other Business
22. Next Meeting
23. Adjourn