

## **Terms of Reference**

### **Technical Evaluation Group for the WorldSID 50<sup>th</sup> & 5<sup>th</sup> Dummies – TEGWS**

#### **Preliminaries**

This Informal Technical Evaluation Group for the WorldSID dummies will be known as the TEGWS.

The TEGWS is a sub-group of the Informal Group on Harmonization of Side Impact Dummies under the GRSP Working Group on Passive Safety of the World Forum for Harmonization of Vehicle Regulations (WP 29).

The TEGWS is an ad hoc collaborative volunteer group that will meet to resolve technical issues for both the 50<sup>th</sup> and the 5<sup>th</sup> percentile (male and female) WorldSID dummies.

#### **Terms of Reference (the mission)**

The TEGWS will seek consensus among stakeholders on WorldSID dummy technical issues while following the guidance presented in the WP29 Terms of Reference: world-wide participation, harmonization and reciprocity, technical excellence, cooperation, collaboration, coordination, openness and transparency.

The TEGWS will coordinate with the existing ISO WorldSID Group. The primary mission of the ISO group is the development of the 50<sup>th</sup> dummy and the primary mission of the TEGWS will be the development of the 5<sup>th</sup> dummy. Each of the two groups is also interested in the development of the development of the other sized dummy. The two groups, having common interests and objectives, will cooperate to the extent practical.

The TEGWS will collaborate and communicate with the ISO/WG6 group developing injury criteria for the WorldSID 5<sup>th</sup> dummy to assure compatibility between the dummy biofidelity, instrumentation and injury criteria.

The TEGWS will work toward resolving WorldSID dummy issues in the following areas.

1. Dummy design and performance
  - 1.1. Biofidelity
  - 1.2. Durability
  - 1.3. Repeatability and Reproducibility
  - 1.4. Instrumentation
  - 1.5. Data Acquisition
  - 1.6. Usability
2. Certification (calibration)
  - 2.1. Test procedures
  - 2.2. Certification specifications (targets)

### 3. Documentation

#### 3.1. Drawings

#### 3.2. Specification documents

#### 3.3. User's manual (Procedures for Assembly, Disassembly and Inspection - PADI)

### **Procedures**

Participation in the TEGWS is open to any and all interested parties.

The TEGWS will be Chaired by a representative of the Chair of the parent group (the United States/NHTSA): the Informal Working Group for Harmonization of Side Impact Dummies.

Meetings will be arranged at the convenience of the regular participants and each succeeding meeting will be scheduled by the Chair at the end of a meeting.

Meetings may be in person, tele-conference, web based or by e-mail as is convenient for the regular participants and will be arranged by the Chair before each meeting.

A meeting summary will be written and circulated by e-mail by the Chair after each meeting. The summary will be reviewed and approved by participants at the meeting following the meeting being summarized.

All presentations and other documentation presented at a meeting will be delivered to the Chair and archived on the GRSP website unless a participant specifically requests that the material not be posted. That request will be noted in the meeting summary and the content will be summarized. *N.B. The TEGWS is an open and collaborative forum for the exchange of information and ideas. Confidential information should not be presented to the group.*

All recommendations from the TEGWS to the Informal Working Group on the Harmonization of Side Impact Dummies will be made by agreement of the regular participants of the TEGWS. If there are dissenting views these will also be presented to the parent group.

The TEGWS can be dissolved by agreement of the participants or by request of the Chair of the parent group.