

~~Transmitted by the experts from Japan and Germany~~

~~Informal document GRSP-49-38
(49th GRSP, 16 – 20 May 2011, agenda item 4 and 19)~~

~~Formatted: Font: 16 pt, Not Strikethrough~~

~~Formatted: Right~~

~~Formatted: Strikethrough~~

PROPOSAL

Draft Terms of Reference for the Informal Group on Pedestrian Safety Phase 2 (IG PS2)

A) INTRODUCTION

GRSP agreed to set up an informal group on Pedestrian Safety Phase 2 in order to further develop proposals to introduce the Flexible Pedestrian Legform Impactor (Flex-PLI) in the pedestrian protection requirements of gtr 9 and the ECE Regulation (ECE/TRANS/WP.29/1091, para. 36).

~~Deleted: amend gtr No.9 (Phase 2) on introducing~~

~~Deleted: 1079~~

~~Deleted: 101~~

The Flex-PLI Technical Evaluation Group (Flex-TEG) has conducted technical evaluation activities on the Flex-PLI since September 2005. As result of the Flex-TEG activity Japan has submitted proposals for amendments on gtr No.9 - Phase 2 as well as on the draft ECE regulation on Pedestrian Safety (Phase 2). At the 49th session of GRSP some delegations have expressed outstanding reservations with regard to the introduction of the Flex-PLI and requested to set up an informal group to discuss related issues and to develop proposals.

~~Deleted: to amend gtr No. 9~~

The informal group on Pedestrian Safety Phase 2 (IG PS2) shall focus on the activities listed in Annex I to this document.

~~Deleted: GRSP shall ask WP.29 for approval to establish a new informal group under the GRSP namely "Informal Group on Pedestrian Safety Phase 2" to work on the items related to the introduction of the Flex-PLI (see Annex I). ¶~~

B) OBJECTIVE OF THE PROPOSAL

The objective of the Informal Group on Pedestrian Safety Phase 2 is to develop a proposal to introduce the Flex-PLI as a single harmonized test tool in order to enhance the safety level of lower leg pedestrian protection. The IG PS2 shall work on the items listed in Annex I to this document.

~~Deleted: to develop proposals on amending the global technical regulation No.9 - Phase 2 under the 1998 Agreement~~

~~Deleted: While the main focus of the IG PS2 is to develop an amendment on the gtr No. 9 under the 1998 Agreement, the informal group may consider the development of proposals to amend the draft ECE regulation on Pedestrian Safety (Phase 2) as well.¶~~

The informal group shall consider the development of proposals to amend the draft ECE regulation as well as the global technical regulation No.9 – Phase 2 on Pedestrian Safety.

~~Deleted: amend the global technical regulation No.9 - Phase 2 on Pedestrian Safety by~~

~~Deleted: introducing~~

~~Deleted: may~~

C) OPERATING PRINCIPLES

1. The informal group on Pedestrian Safety Phase 2 is a sub-group of GRSP and is open to all participants of GRSP including Contracting Parties and Non Governmental Organisations to the 1958 and 1998 Agreements.
2. The informal group will be sponsored by Japan and Germany. A Chairman (Germany), a Vice-Chairman (Japan) and a Secretary (OICA) will manage the informal group.
3. The official language of the informal group will be English.
4. All documents must be submitted to the Secretary of the group in a suitable electronic format and will be submitted by the Secretary of the group to the UNECE secretariat

and posted on the website

<http://live.unece.org/trans/main/wp29/wp29wgs/wp29grsp/igps2.html> in advance of the meetings. The group may postpone discussing any item or proposal which has not been circulated 5 working days in advance of the scheduled meeting.

5. The Secretary of the group will [aim to](#) distribute the meeting minutes to the informal group members within 15 working days after the meeting of the group.
6. Decisions and proposals of the group shall be reached by consensus. When consensus cannot be reached, the Chairman of the group shall present the different points of view to GRSP. The Chairman may seek guidance from GRSP as appropriate.
7. Sessions shall be held in agreement with the majority of the participants after the group has been established in a constitutional meeting. Sessions may be in person or virtual using web-based technology.
8. A provisional agenda shall be drawn up by the secretariat in accordance with the participants of the group. The first item upon the provisional agenda for each session shall be the adoption of the agenda.
9. The second item on the provisional agenda will be the discussion, matters arising and adoption of the minutes of the previous session.

D) WORK PLAN AND TIME SCHEDULE

May 2011	Proposal of ToR to GRSP (informal document)
May 2011	Adoption of ToR by GRSP
June 2011	Proposal of ToR to WP.29 (informal document)
November 2011	Constitutional meeting of the IG PS2
November 2011	Adoption of ToR by WP.29
December 2011	First meeting of the IG PS2
December 2011	Progress-Report to GRSP
March 2012	Progress-Report to WP.29
March 2012	Second meeting of the IG PS2
May 2012	Third meeting of the IG PS2
May 2012	Progress-Report to GRSP
September 2012	Fourth meeting of the IG PS2
November 2012	Progress-Report to WP.29
December 2012	Fifth meeting of the IG PS2
December 2012	Submit informal draft documents to GRSP
January 2013	Sixth meeting of the IG PS2
May 2013	Submit formal proposal to GRSP, Adoption by GRSP
November 2013	Adoption by WP.29

Deleted: October

Deleted: ted

※Additional meetings (including virtual meetings) could be held according to the progress of discussions and the decision of the informal group.

ANNEX 1

Activity List

- 1 List of remaining items → to reach common understanding
 - Biofidelity ([FlexPLI versus EEVC LFI](#))
 - Benefit ([injury reduction, cost-benefit, additional benefit to EEVC LFI](#))
 - Drawings and PADI
 - Durability
 - [Test procedure, problems experienced \(rebound phase, certification tests, best practice, velocity measurement etc.\)](#)
 - Exchange of test results
 - Reproducibility and repeatability
 - Performance / injury criteria (i.e. for the knee)
 - Vehicle countermeasures
- 2 Finalize wording of draft [amendments](#)
- 3 [Develop](#) proposal to amend draft ECE regulation on Pedestrian Safety (including transitional provisions) [for submission to GRSP](#)
- 4 [Develop](#) proposal on amending gtr No.9 - Phase 2 [for submission to GRSP](#) (including recommendation for the transition from EEVC LFI to FlexPLI)

Deleted: regulations

Deleted: Consider

Deleted: 3

Deleted: Submit