

Transmitted by the chair and the secretary  
of the IWG DPPS

Informal document GRSP-63-xx  
(63rd GRSP, 14 - 18 May 2018, agenda item x)

# PROPOSAL

## Draft Terms of Reference for the Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS)

### A) INTRODUCTION

During the 56<sup>th</sup> session of GRSP in December 2014, The Republic of Korea (Korea) suggested the clarification of the test procedure for deployable pedestrian protection systems (DPPS), such as e.g. active bonnets. Before, only a working document from 2005 from the discussion on the later GTR No. 9 existed that proposed a “Certification Standard for Type Approval Testing of Active Deployable Systems of the Bonnet Area” (document INF GR/PS/141 Rev. 1). Several Contracting Parties had used this document as guideline to certify such systems. However, Korea explained that, seeing the upcoming popularity of such deployable systems, a more detailed and binding procedure will be needed that also serves in a self-certification environment.

The suggestion of Korea resulted in the authorization of WP.29 and AC.3 during their 170<sup>th</sup> and 48<sup>th</sup> sessions in November 2016 to develop an amendment for GTR No. 9 in a Task Force. Korea provided the Chair of the Task Force, OICA the Secretary. The intention was to develop a new annex to GTR No. 9 covering the test procedure for DPPS with amending the corresponding paragraphs in the current text of GTR No. 9 and adding some procedure specific paragraphs where needed.

The Task Force on Deployable Pedestrian Protection Systems met during  
7 – 8 February 2017 in Paris,  
28 – 29 March 2017 in Paris,  
7 Sept. 2017 in a web meeting,  
21 – 23 Nov. 2017 in Berlin.

However, during the discussion within the TF-DPPS it was soon noted that some new requirements may need to be defined. Korea therefore requested GRSP as well as WP.29 and AC.3 to transform the TF-DPPS into an Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS). WP.29 and AC.3 approved this request during their 174<sup>th</sup> and 52<sup>nd</sup> sessions in March 2018.

### B) OBJECTIVE OF THE PROPOSAL

The objective of the Informal Working Group on Deployable Pedestrian Protection Systems is to develop a proposal for a test procedure for DPPS such as active bonnets, external airbags etc. The procedure will serve for the testing of such systems to show compliance with the requirements of GTR No. 9. However, the IWG will also develop new and more detailed requirements, where needed, so that the new procedure guarantees that deployable systems are correctly activated as designed to protect pedestrians and other vulnerable road users, and provide the same level of protection to pedestrians and other vulnerable road users as non-deployable systems. Consequently, the relevant sections of GTR No. 9 will be amended.

Finally, the IWG DPPS shall also consider the development of a corresponding proposal to amend the UN Regulation 127 on Pedestrian Safety.

### **C) OPERATING PRINCIPLES**

1. The Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS) 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 IWG-DPPS will be sponsored by the Republic of Korea. A Chair (Korea) 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 posted on the website of the IWG-DPPS prior to the meetings. The group may postpone discussion of any item or proposal, which was not provided five (5) working days in advance of the scheduled meeting.
5. The Secretary of the group will aim to distribute the meeting minutes to the IWG members within fifteen (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 Chair of the group or his representative shall present the different points of view to GRSP. The Chair may seek guidance from GRSP as appropriate.
7. Sessions shall be held in agreement with the majority of the participants. Sessions may be in person or virtual using web-based technology.
8. A provisional agenda shall be provided by the Secretary in advance to each meeting and will be finalized in accordance with the participants of the IWG-DPPS. 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**

April 2018	Finalization of proposal for ToR during the 1 <sup>st</sup> IWG-DPPS meeting (5 <sup>th</sup> meeting of the DPPS group)
May 2018	Proposal of ToR and Progress Report to GRSP
June 2018	Proposal of ToR and Progress Report to WP.29
June 2018 – Nov. 2018	Further meetings of the IWG-DPPS
December 2018	Submit informal draft documents to GRSP
May 2019	Submit formal proposal to GRSP, Adoption by GRSP
November 2019	Adoption by WP.29