Comments on WP.29 Document ECE/TRANS/WP.29/2021/1 (Program of Work)

This documents provides comments on GRSP’s program of work using Table 7 from the official document pending review at WP.29 (ECE/TRANS/WP.20/2021/1). The edits reflect the United States (US) primary priorities under the GRSP – pedestrian protection, electric vehicles and child safety. In addition, the edits reflect the US understanding that any work related to Automatic Vehicles should be referred first by GRVA. Therefore, we have moved that item to long term priority.

Table 7

**Subjects under consideration by the Working Party on Passive Safety (GRSP) [[1]](#footnote-1)\***

| *GRSP* | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Priority/ recurrent* | *Title* | *Tasks / Deliverables* | *References* | *Allocations / IWGs* | *Timeline* | *Initiator* | | *Comments* |
| **Short term** | | | | | | | | |
| 1. Priority | Crashworthiness | List of Regulations to be revised stemming from ~~the Framework documents~~ CP and other WP.29 working group requests  Eg. Air-bags, CRS, Safety-belts |  |  |  |  | |  |
| 2. ~~3~~. Priority | Electric vehicles safety | Transposition of GTR20 in UN R94, R95, R100, [R136] R137 [and R146], [possibly in R12 (t.b.c.)] | N/A | Ad hoc group on R100 | Finalise in GRSP 67th meeting at the latest, WP.29 November 2020 | **JPN, EC** | Side meetings of EVS IWG Phase 2 | |
| Electric vehicles safety | GTR20 Phase 2 |  | IWG-EVS | Proposal at December 2021 GRSP | US, EC, CN, JP | Ongoing | |
| 3. Priority | Pedestrian Safety | Review proposed Amendment 3 to GTR9 |  | TF to be created |  | US/EC | To be started | |
| Deployable pedestrian protection systems | Inclusion in GTR9 | ECE/TRANS/WP.29/AC.3/45  ECE/TRANS/WP.29/AC.3/45/Rev.1 | IWG-DPPS | 06/2020 | KOR | Ongoing | |
| Head impact zone enlargement | Inclusion in GTR9 | N/A | T.b.d. | WP.29 June 2021 | EC, JPN | To be started | |
| Deployable pedestrian protection systems and head impact zone enlargement | Transposition in UN R127 | N/A | N/A | WP.29 June 2021 | EC, JPN | To be started | |
| 4. Priority | Children in buses | New reg | 2019/22 and GRSP-66-06 | IWG-STCBC | WP29 March 2023 | SP | Ongoing | |
| Priority | Head restraints | Transposition of GTR7 in UN R17 | ECE/TRANS/WP.29/GRSP/2019/27  New consolidated working document for 67th session of GRSP | Ad hoc group on R17 | Finalise in GRSP 67th meeting at the latest, WP.29 November 2020 | EC | To be finalised | |
| **Medium term** | | | | | | | | |
| Priority | ~~Deployable pedestrian protection systems~~ | ~~Inclusion in GTR9~~ | ~~ECE/TRANS/WP.29/AC.3/45~~  ~~ECE/TRANS/WP.29/AC.3/45/Rev.1~~ | ~~IWG-DPPS~~ | ~~06/2020~~ | ~~KOR~~ | ~~Ongoing~~ | |
| Priority | ~~Head impact zone enlargement~~ | ~~Inclusion in GTR9~~ | ~~N/A~~ | ~~T.b.d.~~ | ~~WP.29 June 2021~~ | ~~EC, JPN~~ | ~~To be started~~ | |
| Priority | Hydrogen safety material compatibility and new tank concepts | Inclusion in GTR13 ‘phase 2’ | ECE/TRANS/WP.29/AC.3/49 | IWG-HFCV | WP.29 November 2021 | JPN, KOR, EC | Ongoing | |
| Priority | Hydrogen safety material compatibility and new tank concepts | Transposition in UN R134 [and R146] | N/A | T.b.d. |  | EC, JPN | To be started if agreed by GRSP | |
| **Long term** | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Priority | Helmets | 07 series of amdt  Phase 2 of IWG | 2019/25 and GRSP-66-22 | IWG PH (mandate to be proposed) | 2022 ? | FR IT | To be started if agreed by GRSP |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 2. | Passive safety with regard to new seating configurations in automated/autonomous vehicles | At the request of AC.2 and GRVA, collect available information and data describing the expected future seating position configurations (including children) related to highly automated and autonomous vehicles.  Create a common understanding on the readiness of new systems over time and related regulatory needs and timeline  Identify a step-wise “regulatory approach” to enable the above identified solutions. | Link to GRVA and WP29 (e.g. WP29-179-23 and WP29-179-25) | GRSP  Taskforce to collect existing data/info | Depending from the identified “regulatory timeline” | To be defined | Automated/autonomous vehicles are seen to offer significant benefits in road safety  It is expected that higher levels of automation will be available in the near future allowing occupants to aim for new seating configurations, e.g. improved comfort, working environment or improved communication. |

**Subjects under consideration by the Working Party on Passive Safety (GRSP)**

| *Subject* | *Document symbol ECE/TRANS/WP.29/...* | *Documentation availability* |
| --- | --- | --- |
| **7.1. 1958 Agreement**  7.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement): | For document symbols and its availability, please refer to the agenda for the sixty-ninth session (GRSP/2021/1) | |
| 21 (Interior fittings);  22 (Protective helmets);  80 (Strength of seats and their anchorages (buses));  94 (Frontal collision);  95 (Lateral collision)  100 (Electric power trained vehicles);  127 (Pedestrian safety);  129 (Enhanced child restraint systems)  134 (Hydrogen and fuel cell vehicles (HFCV))  137 Frontal impact with focus on restraint systems |  | |
| 7.1.2. Proposal for draft new UN Regulations: |  | |
| Nil |  | |
| **7.2. 1998 Agreement (Global)** | For document symbols and its availability, please refer to the agenda for the sixty-ninth session (GRSP/2021/1) | |
| 9 (Pedestrian safety);  13 (Hydrogen and Fuel Cells Vehicles)  20 (Electric vehicle safety)  Electric vehicles  Vehicle Crash compatibility |
| **7.3. 1997 Agreement (Inspections)** |  | |
| Nil |
| **7.4. Proposal for draft recommendations or amendments to existing recommendations** |  | |
| Mutual Resolution No. 1. |  | |

1. \* List of priorities still under discussion by the GR. [↑](#footnote-ref-1)