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Japan

Informal document **WP.29-161-19**
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agenda item 17.4

**Status report of
the informal group on Phase 2 of gtr No. 7
(IG GTR7 - PH2)**

Objective of IG GTR7-PH2

- The main objective of IG GTR7-PH2 is the development of a draft proposal to amend the UN global technical regulation No. 7 - Phase 2
- ◆ WP29 - 143rd session November 2007
 - (a) The **head restraint height** of 850 mm;
 - (b) The appropriate **dynamic test**, including the test procedure, injury criteria and the associated corridors for the Biofidelic Rear Impact Dummy (BioRID II).
- ◆ WP29-149th session November 2009
 - (a) focus on developing a low speed dynamic test using the BioRID II dummy, and,
 - (b) as a first step regarding the **head restraint height**, to consider procedures for defining “effective height”.

Work schedule of IG GTR7-PH2(in Recent year and planed)

Working Groups	Dates	Venue
12 th informal meeting	2/2013	Brussels, Belgium
13 th informal meeting	4/2013	Paris, France
14 th informal meeting	9/2013	Gothenburg, Sweden
15 th informal meeting	12/2013	Geneva, Switzerland
16 th informal meeting	2/2014	TBD

BioRID TEG (sub group of IG)

Working Groups	Dates	Venue
Workshop / Head restraint measurement	3/2013	Koln, Germany
Workshop / BioRID seating procedure	7/2013	Koln, Germany
BioRID TEG and Informal meeting	9/2013	WebEX
BioRID / Injury criteria /draft gtr text	10/2013	WebEX
BioRID /Injury criteria	11/2013	WebEX

What progress has been made:

- ✓ New procedure to determine the effective height of the head restraint.
- ✓ New procedure replacing the HRMD and reducing error.
- ✓ Extensive repeatability and reproducibility work to ensure BioRID is at least as good as HIII.
- ✓ Draft procedure for installation and use of BioRID.

Recent activity of IG GTR7-PH2

- In the 14th IG GTR7-PH2 meetings, following items were addressed:
 - ✓ Injury Criteria
Injury risk/Injury parameters/Indicative regulatory values.
 - ✓ TEG / Workshop
Effective height /backset/Dummy seating
 - ✓ Certification Update (relate to M.R.1)
Candidate certification tests
 - ✓ Development of GTR7/Amend
Annex1 (effective height), Annex9 (Dynamic test)
 - ✓ Mutual Resolution (Test tool)
Draft Text/Drawing Review.

The remaining challenges:

- ✓ Completion of NHTSA/JARI work on injury criteria.
- ✓ Establish both criteria and values.
- ✓ Establish new head restraint height value (referred to GRSP)
- ✓ Determine whether to harmonize the specification of the 3-D H-point machine across all UN ECE regulations (Referred to GRSP).

•The 15th and 16th IG GTR7-PH2 meeting are planned for December and February, 2014 respectively, then the IG is going to submit a formal document of draft gtr7-Phase2 for the discussion at the GRSP in May 2014.

Thank you for your attention!