Proposal for BioRID II dummy standardization activity for gtr. No.7 phase2

JASIC/Japan
May. 2009
Informal Group Activity & Time table

<table>
<thead>
<tr>
<th>GRSP-45</th>
<th>(45th GRSP, 25-29 May 2009, agenda item 3(a))</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time Frame</strong></td>
<td><strong>Year</strong></td>
</tr>
<tr>
<td>WP29</td>
<td>2</td>
</tr>
<tr>
<td>GRSP</td>
<td>12</td>
</tr>
</tbody>
</table>

**General Schedule**

Informal face-to-face meeting for research/validation and development

Development supported by Web meetings to develop regulatory text

**Research Items**

<table>
<thead>
<tr>
<th>Research Institute</th>
<th>Research/Validation Completion and Submission of Draft Proposal (Estimate)</th>
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</thead>
<tbody>
<tr>
<td>Japan</td>
<td>EEVC</td>
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<tr>
<td><strong>Head restraint height</strong></td>
<td>Effective height definition</td>
</tr>
<tr>
<td><strong>Low Speed Dynamic test for minor neck injury mechanism</strong></td>
<td>Whole vehicle or seat on sled</td>
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<td>Sled Pulse (value, conditions)</td>
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<td>Accidents analysis</td>
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<td>Volunteer tests/simulations</td>
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<td></td>
<td>Evaluation indicators</td>
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<tr>
<td><strong>Reference value definition</strong></td>
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<tr>
<td><strong>Dummy Test Conditions</strong></td>
<td>Calibration Test, structure (improve reproducibility)</td>
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<td></td>
<td>Sitting method (reduce variation)</td>
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<tr>
<td><strong>Mid or High Speed Dynamic test for other injuries (AIS 2+)</strong></td>
<td>Whole vehicle or seat on sled</td>
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<td>Sled Pulse (value, conditions)</td>
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| Chair :UK |
| Tech. sponsor :Japan |

*These timings should be considered as indicative at this moment. The delivery of regulatory proposals will be dependent upon the completion of a collaborative programme to validate the test tools and protocols. The informal group will regularly report progress to WP29/GRSP and agree a delivery timeline by the end of 2009.*
Proposal to establish Bio RID II Technical Evaluation Group

Informal Steering Group

- Industry-Government Co-Chairmanship
- Rotating Co-Chairmanship between regions
- Unanimous Consent on resolving issues
- Additional members based on unanimous consent

US Industry-Govt. (2 members)
EU Industry-Govt. (2 members)
Japan Industry-Govt. (2 members)
Others Industry-Govt. (2 members)

Design Group – ATD, instrumentation manufacturers, others

US WG
EU WG
JAPAN WG
Other WG
Position of Bio RID II Technical Evaluation Group

GRSP

WP29

Informal Steering Group
- Industry-Government Co-Chairmanship
- Rotating Co-Chairmanship between regions
- Unanimous Consent on resolving issues
- Additional members based on unanimous consent

Bio RID II TEG

US Industry-Govt. (2 members)
EU Industry-Govt. (2 members)
Japan Industry-Govt. (2 members)
Others Industry-Govt. (2 members)

Informal WG

Gtr No.7 Phase2
Informal WG

Gtr1: Door lock

Gtr9: Pedestrian protection test

US WG – SAE
EU WG
JAPAN WG
Other WG

Design Group – ADI, instrumentation manufacturers, others
Next Action

1. We would like to propose to discuss Bio RID II TEG organization and procedure with our expert at the dummy harmonization meeting at #21 ESV in June.

2. Technical discussion will conduct through every month GBUM web meeting.

3. After receiving WP29 agreement in June, intermediate web meeting may be held July or September.

4. Next face to face meeting at Tokyo in Japan on Oct. 6th Tue. and Oct. 7th Wed, including Bio RID II TEG.
Thank You for your attention
Standardization procedure proposal definition of dummy build level

Using GBUM Organization Infrastructure

Informal Steering Group

- Denton ATD Steering Group Chairman
  - Mike Beebe

- EU Industry
  - 2 members

- NA & SA Industry
  - 2 members

- Asia Industry
  - 2 members

Hear restraint gtr phase 2 team

- IIHS
  - David Zuby

- Thatcham
  - Mathew Avery

Asia Lead Coordinator
- Gordie Morgan

NA & SA lead Coordinator
- Randy Kelly

Europe Lead Coordinator
- Alex Schmitt

Manufacturers, Testing Facilities, Suppliers

“Creating the Standard in Safety Measurement”