
TASK Definitions

50th WorldSID:

- 1.) Drawing Package
 - a. 2D and/or 3D
 - i. 50th drawings available from ISO website
 - ii. Need to clean up (define specs, sanitize)
 - iii. Specify on-board DAS (independent of vendor)
 1. modeling approach?
 - a. FE or rigid body methods?
 2. inertial property tolerances
 3. comparison of on-board vs. umbilical equipped dummy response
 - b. Location...UN/ECE website (globally)
 - i. Issue of quality control/maintenance
- 2.) General
 - a. Are all world regions interested in this dummy?
 - b. What are potential benefits over existing technology?
 - c. Debate in GRSP on these questions necessary and how to do this effort within the GR
- 3.) Injury Risk Functions
 - a. Statistical method selection
 - i. Cooperative effort under Petitjean ISO group
 - ii. Need to define schedule and expertise
- 4.) Seating procedure
 - a. Draft is complete. Need regions to give feedback. Spring 2010 document on WS website.
- 5.) Advanced instrumentation
 - a. Multi-axis deflection measurement
- 6.) Data
 - a. Provide availability of NHTSA test data and report of WorldSID.
 - b. Repository of test data (worldwide)
 - i. Data quality issues need to be determined

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- 7.) Testing
 - a. Full vehicle

5th Female WorldSID

- 1.) Drawing Package
 - a. Process of how/when of availability needs to be determined
 - b. 2D and/or 3D?
 - c. On-board DAS (issues same as 50th)
- 2.) Certification procedures
 - a. Already in users manual
- 3.) Biofidelity
 - a. Test plan needs to be determined
 - i. APROSYS did 9790 tests
 - 1. review tests completed and should others be done? High severity tests were not done, but need to be considered
 - ii. NHTSA test plan similar to WS50th?
 - iii. Additional PMHS tests for matched comparisons
- 4.) Durability
- 5.) R&R
 - a. Need more dummies and plan to test
- 6.) Other Action Items
 - a. EEVC report (APROSYS report) on WS5th needs to be completed and circulated.
 - b. Transport Canada : test plan in Tylko presentation
 - c. JAMA testing: testing complete (biofidelity and car-to-car test). Get results.
 - d. Manufacturers may interested in testing
 - i. Process to get dummies for testing
 - e. Need to develop overall action plan for dummy (Informal group item)
 - f. ISO WG5 Preliminary Work Item agreed

- g. Consider a worldwide project manager (similar to WS50th)
- h. Review Petitjean document for testing that should be done and data required for risk curves