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
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