



**OSRP WorldSID 5<sup>th</sup>**

**Status Report**

**October 26, 2011**

# WorldSID 5<sup>th</sup> OSRP Testing Status

- ▶ The OSRP has not conducted any recent tests on the WorldSID 5<sup>th</sup> female.
- ▶ However, OSRP is interested in testing the latest version of WS5th (owned by an OSRP member company) to identify repeatability of the ATD, to evaluate some 9790 biofidelity performance, and to evaluate some other considerations.
- ▶ OSRP tests may take place in January or February. (The most recently purchased WS5th is not yet test ready.)
- ▶ Test results planned to be presented to the WS5th TEG group when available.

# WorldSID 5<sup>th</sup> OSRP Testing Status

- ▶ The OSRP testing matrix has not yet been approved, but may consist of the following tests:
  - ISO 9790 Sled (With latest version of ATD and scaled plates and corridors)
  - ISO 9790 pendulum tests (with latest version of ATD and pendulums and corridors)
  - Non-ISO 9790 oblique pendulum
  - *Tentative:* Non-ISO 9790 lateral sled testing to evaluate potential rib to pelvis flesh

## Proposed OSRP WS5 Test Matrix (ISO 9790 Tests for Repeatability Analysis)

<b>Test Description</b>	<b>Type (H-Heidelberg) (W-WSU)</b>	<b>Body Test No.</b>	<b>Runs</b>
7.2 G	Sled	Neck Test 1 and Shoulder Test 2	3
6.7 G	Sled	Neck Test 2	3
12.2 G	Sled	Neck Test 3 and Shoulder Test 3	3
4.5 m/s	Pendulum	Shoulder Test 1	3
		combined with Neck Test 1	
		Combined with Neck Test 3	
4.3 m/s	Pendulum	Thorax Test 1	3
6.0 m/s	Pendulum	Thorax Test 2	3
6.8 m/s	Sled (H)	Thorax Test 5 and Pelvis Test 7	3
6.8 m/s	Sled (W)	Abdomen Test 3	3
6.0 m/s	Pendulum	Pelvis Test 1	3
		combined with Thorax Test 5	
6.8 m/s	Sled (W)	Pelvis Test 10	3



Thank You.