Status of NHTSA’s Evaluation of WorldSID ATDs

October 2011
WorldSID 50th Male
50th Male Status

- Dummy Testing Complete
  - Biofidelity
  - Certification
  - R&R
  - Durability
50th Male Status

- Planned Activities
  - Complete documentation necessary
    - Final Reports
    - User’s Manual (PADI)
    - Drawing Package
  - Generic DAS Specification
50th Male Status

- Potential Issues
  - Pelvis and head materials must be replaced
50th Male Status

- Potential Issues (cont’d)
  - Interference between lower abdominal rib and pelvis flesh
WorldSID 5th Female
5th Female Status

- Preliminary Inspections
  - Mass
  - External Dimensions
- Certification Tests
  - Conduct repeats tests
  - Right and left side
  - Assess R&R
  - 80% complete
- Biofidelity Assessment
5th Female Status

- **Design Issues**
  - Interference between lower abdominal rib and pelvis flesh (same as 50th male)
5th Female Status

- Design Issues (cont’d)
  - Pelvis contacts lower spine bracket
# 5th Female Status

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