Investigation Overview

- Dummies received by Humanetics in USA
- Jumper cables made for ORSP & VRTC
- Dummies inspected
- Mini-sled testing
- OSRP sled testing
- VRTC sled testing
- Mini-sled testing repeated
- Shipped dummies to Germany
Humanetics Inspections

- Inspected to checklists without disassembling dummy
  - Neck pins pushed part way to side but not completely removed
- No adjusts made to spine position, damper, etc.
- No parts replaced
Inspection Findings

► Dummy 0006
  – Rusty pins 3 locations (not stainless)
  – No slotted T3 torsion plate
  – Undersize holes (pin check) C3, upper right side
  – L2/L3 joint play right side

► Dummy 0007
  – Rusty pins 5 locations (not stainless)
  – Oversize holes (pin check)
    ▶ C2 upper left
    ▶ C7 upper right

► One (?) had smooth rubber on the delrin back plate
Mini-sled Testing

► Certification test without head restraint
► Test with head restraint
► Without head restraint with arm masses
► With head restraint with arm masses
► No back support (low severity)