

# TMS dummy load prototype tests

- Establish all 6 BOSEMs operational and interference 'free'
- Found all 12 body resonance frequencies
  - within 0.3- 6.5 Hz and  $Q_s(>50)$  in air
- Rough cut at orthogonalizing DOF response.
  - sensitivity to 'flag' axial motion only.
- Confirm Resfrq(DOF) assignments via TFs for all DOFs.
- Reasonable agreement with prototype model.
- Establish good damping
  - simple pole feedback filtering: all DOFs.

