Hyperbaric Testing facilities at NOCS

http://noc.ac.uk
Small vessel PV2

Vital statistics
- 680 bar (~10,000 psi)
- ~6750 m seawater depth
- 300mm internal diameter
- 890mm deep

http://noc.ac.uk
Small vessel PV2

http://noc.ac.uk
Small vessel PV2

• Soon to be provided with temperature control
  • -10° C to +35° C

http://noc.ac.uk
Large vessel PV1

Vital statistics

- 680 bar (~10,000 psi)
- ~6750 m seawater depth
- 950mm internal diameter
- 1200mm deep

http://noc.ac.uk
Large vessel PV1

http://noc.ac.uk
Large vessel PV1

http://noc.ac.uk
What we test...

- In-house oceanographic instruments
- Cables
- Connectors
- Fibre-optic sensing elements
- Buoyancy – glass and syntactic foam
- Housings – metal, ceramic, composite
- Subsea hose – collapse tests
- Flight data recorders

http://noc.ac.uk
It’s a record... (or was, on 5 January 2009!)

http://www.20000feet.com/?site=test&show=laboratory

http://noc.ac.uk
Immersion test tank

Vital statistics
- 4m wide
- 5m long
- 4m deep

http://noc.ac.uk
Immersion test tank

http://noc.ac.uk