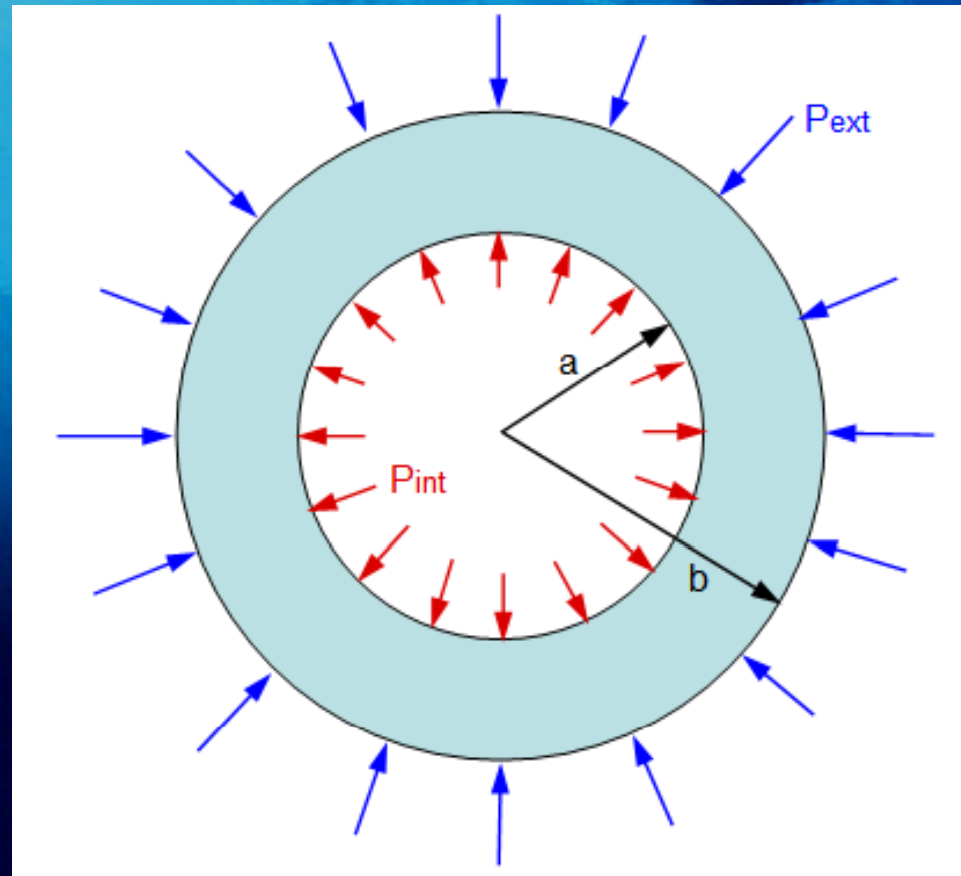


# Hyperbaric Testing facilities at NOCS



<http://noc.ac.uk>

# Small vessel PV2



## Vital statistics

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

# Small vessel PV2



# Small vessel PV2



- Soon to be provided with temperature control
- $-10^{\circ}$  C to  $+35^{\circ}$  C

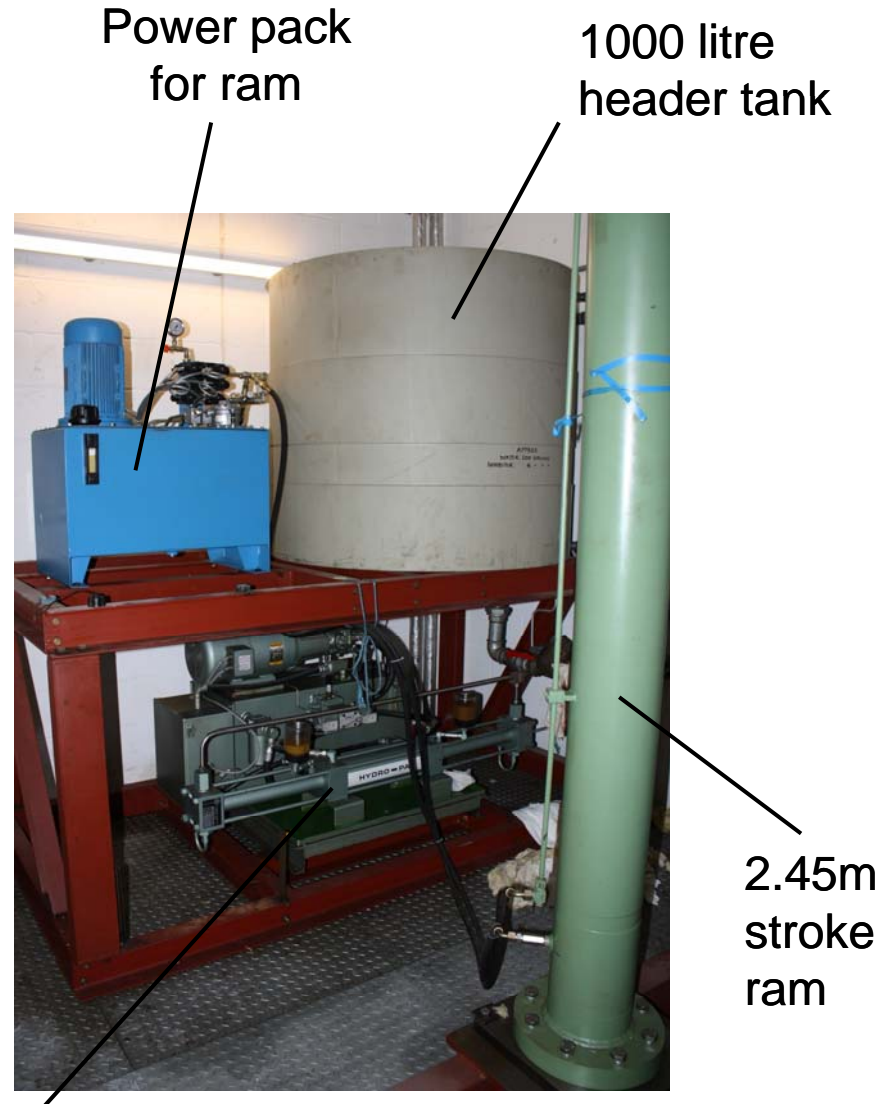
# Large vessel PV1



## Vital statistics

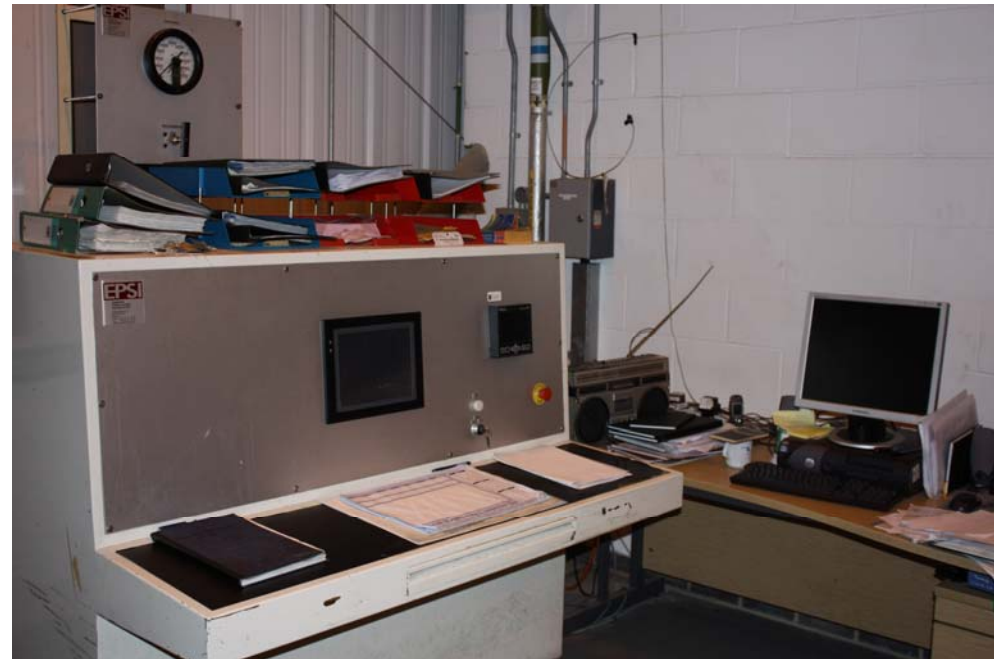
- 680 bar (~10,000 psi)
- ~6750 m seawater depth
- 950mm internal diameter
- 1200mm deep

# Large vessel PV1



Hydro-Pac pressure intensifier

# Large vessel PV1



<http://noc.ac.uk>

# Large vessel PV1

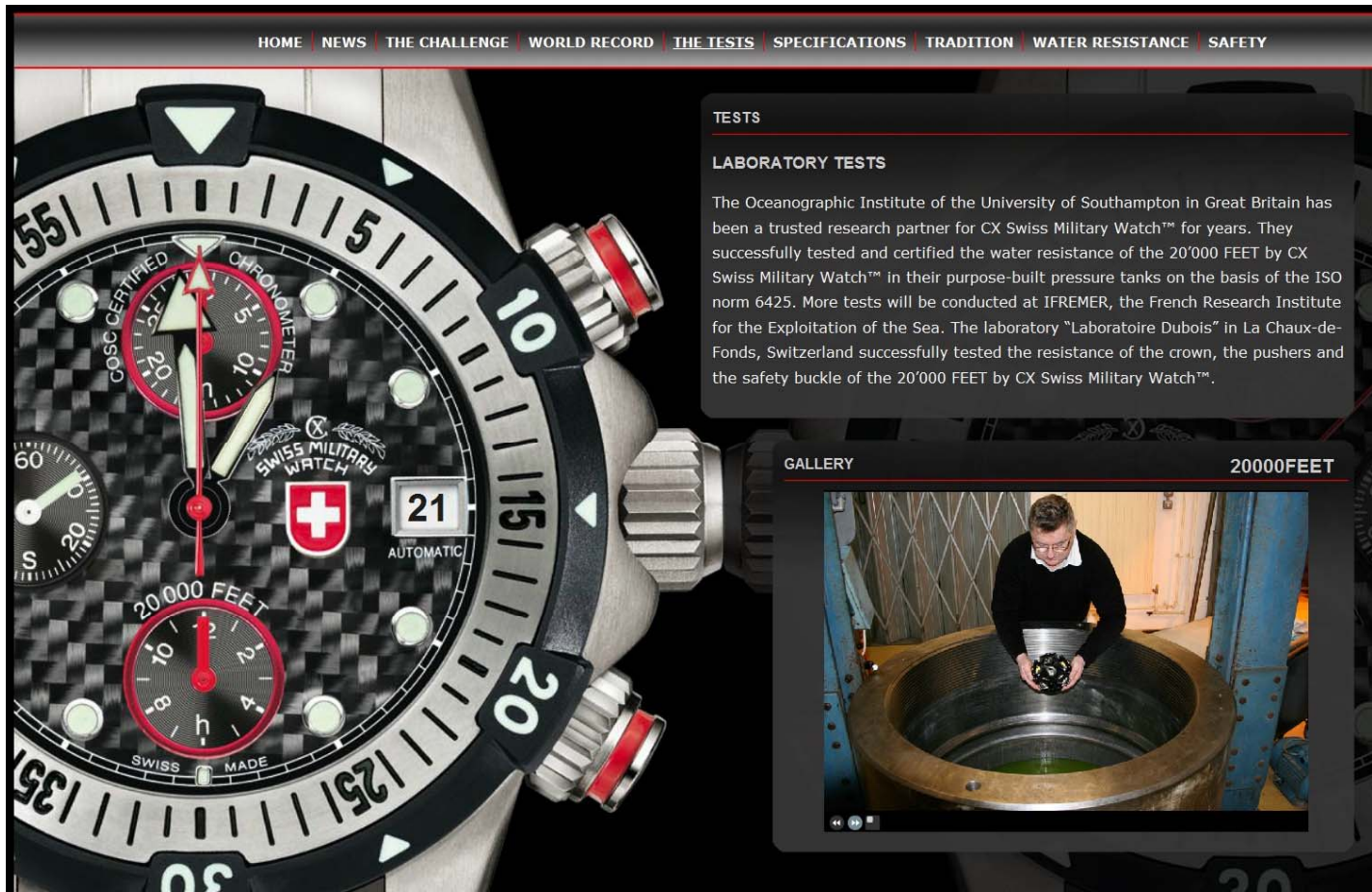




# What we test...

- 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

# It's a record... (or was, on 5 January 2009!)



The screenshot displays the website for the 20000FEET watch. On the left is a large image of the watch, which features a black dial with a checkered pattern, three sub-dials (at 12, 3, and 6 o'clock), a date window at 3 o'clock showing '21', and a rotating bezel with white markings. The dial includes the text 'GOSC CERTIFIED', 'CHRONOMETER', 'SWISS MILITARY WATCH', '20 000 FEET', 'AUTOMATIC', and 'SWISS MADE'. The watch has a black strap with white accents.

At the top of the website is a navigation menu with the following items: HOME | NEWS | THE CHALLENGE | WORLD RECORD | THE TESTS | SPECIFICATIONS | TRADITION | WATER RESISTANCE | SAFETY.

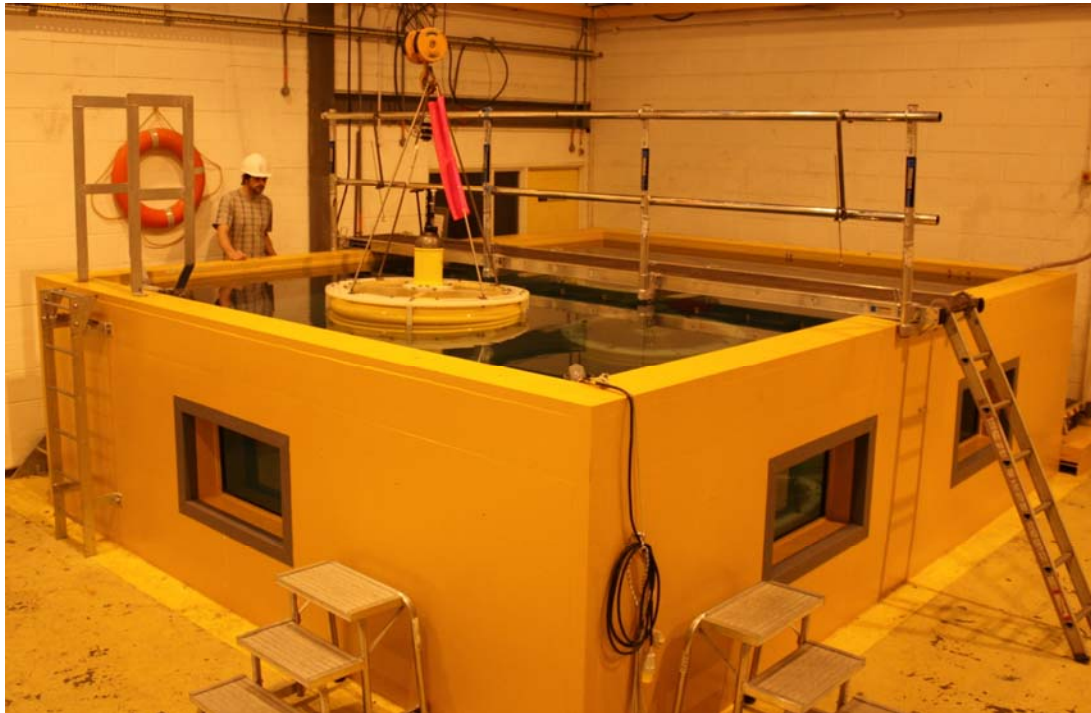
The main content area is titled 'TESTS' and contains a sub-section 'LABORATORY TESTS'. The text reads: 'The Oceanographic Institute of the University of Southampton in Great Britain has been a trusted research partner for CX Swiss Military Watch™ for years. They successfully tested and certified the water resistance of the 20'000 FEET by CX Swiss Military Watch™ in their purpose-built pressure tanks on the basis of the ISO norm 6425. More tests will be conducted at IFREMER, the French Research Institute for the Exploitation of the Sea. The laboratory "Laboratoire Dubois" in La Chaux-de-Fonds, Switzerland successfully tested the resistance of the crown, the pushers and the safety buckle of the 20'000 FEET by CX Swiss Military Watch™.'

Below the text is a video player with the title '20000FEET'. The video shows a man in a black sweater and glasses holding a watch component over a large, circular metal pressure tank filled with green liquid.

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

<http://noc.ac.uk>

# Immersion test tank



## Vital statistics

- 4m wide
- 5m long
- 4m deep

# Immersion test tank



<http://noc.ac.uk>