



# Nailsea facility

## VetcoGray Controls Limited

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VetcoGray's Nailsea facility serves as the worldwide center of excellence for design, manufacture and testing of subsea production controls equipment. It is the prime location for all project management, engineering, procurement, and R&D on all subsea controls projects worldwide. It is the manufacturing facility for all subsea control modules and mounting bases and provides the full control system product range for installation around the world. The facility is equipped to manufacture control and instrumentation systems and conduct extended factory acceptance tests. Certified to ISO 9000 –2000 and ISO 14001, the facility applies Six Sigma and Lean methodology to all business processes.

### Primary products & services

- Electro-Hydraulic Multiplexed (E-H Mux) Mux subsea production control systems
- Intervention and work over controls
- Subsea instrumentation
- Flow assurance and production optimization control
- Hydraulic analysis
- Electrical power and comms analysis
- Optical cable analysis
- Subsea Front End Engineering Design (FEED) studies

### Significant assets

- Proof pressure bay for Subsea Control Modules (SCMs)
- Two fixed stands for flushing and four for SCM testing
- Five Environmental Stress Screening (ESS) chambers
- Hyperbaric chamber (270 bar)
- P-SPICE and Hypacdesign stations for analysis
- Clean room [assembly SCMs, Directional Control Valves (DCVs), High Pressure Intensifiers (HPIs)].
- Over 100 engineering staff

### Physical size

- Total area 5 acres
- Office area 41,860 ft<sup>2</sup>
- Workshop area 43,486 ft<sup>2</sup>
- Yard area 53,800 ft<sup>2</sup>
- Assembly, integration and test 5,200 m<sup>2</sup>
- System Integration Test (SIT) area 9,500 ft<sup>2</sup>
- Electrical assembly 5,400 ft<sup>2</sup>
- Master Control Station (MCS) assembly 250 ft<sup>2</sup>
- Environmental Stress Screening (ESS) 1,800 ft<sup>2</sup>

### Primary areas serviced

- Worldwide (West Africa, Asia Pacific, North Sea, Brazil, Egypt, Caspian)



GE imagination at work

