

# Phorcys™

HARNESSING THE POWER OF THE SEA

## OVERVIEW

Halliburton Phorcys™ is the latest innovative technology for pre-commissioning, maintaining and decommissioning of subsea pipeline and well systems.

Incorporating lessons learned from over 20 years of subsea operations with advanced subsea pressure pumping technology, Phorcys is reliable, efficient, easy to deploy, operate and maintain. By combining pumping systems with the latest ROV industry technology, unrivalled flow rates and pressures are achieved. Our purpose-built units are designed and specified in conjunction with a leading ROV manufacturer to produce the most capable precommissioning and pumping unit available today.

Advanced chemical injection and dual redundancy logging systems provide peace of mind while reducing the need to use excess chemicals, while the onboard multiplex system allows data transfer, data logger setup and control to and from the surface independent of the ROV.

The use of finite element analysis in the design process has minimized vibration and wear in our systems, thus reducing upkeep and prolonging equipment life. The high-quality and corrosion-resistant alloy loading arm uses a rugged standardized bearing set, allowing an easier and more reliable connection.

### APPLICATIONS

- Precommissioning of subsea pipelines, risers, and piping systems
- Flooding, flushing, pigging, pressure testing, chemical injection, ballasting
- Subsea pipelines and wells maintenance and decommissioning

### FEATURES

- Pump module direct-coupled to ROV hydraulics for more power and efficiency
- Compact, light and easy to maintain
- Overspec filtration and flow control
- Intelligent dual-module logging system with 0.01 percent full-scale accuracy

### BENEFITS

- Base module and pump skid can operate separately or together for greater versatility
- Direct savings to project schedule time and cost
- Faster, lower-cost mobilization and demobilization

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