

Subsea Chemical Injection

SUBSEA TECHNICAL SOLUTION FOR STORAGE AND INJECTION OF CHEMICALS

OVERVIEW

Based on Phorcys™ design and technology principals, the Subsea Chemical Storage and Injection System (SCSI) can be configured for short, medium and long term service up to 2 years continuously. Customized with readily available and fully tested products results in a short lead time and quick mobilization to support project specific, interim or emergency deepwater chemical injection needs.

The system is deployed from a support vessel and at any time adjusted by ROV as necessary. Power, control and monitoring can be set-up hydraulic or electrically. There

is also capability to be connected directly to a host facility via an existing field umbilical.

The system is designed to pump a variety of chemicals and challenging fluids such as Drag Reducing Agents (DRA) not suitable for use in long field umbilicals. Hydrate inhibitors can be injected directly at the wellhead as can flow assurance chemicals to temporarily treat paraffin, asphaltene, scale, corrosion, emulsion, etc, in place of plugged, leaking or unavailable field umbilical cores.

APPLICATIONS

- Short / Medium / Long Term Temporary Chemical Injection
- Pipeline, well and flow performance enhancement
- Remediation

FEATURES

- Enables pumping of viscous / thixotropic fluids
- Hydrate and Flow Assurance Remediation Chemicals injected at source of problem location
- No umbilical or subsea downtime

BENEFITS

- Low risk
- Removes hazardous chemicals and pressure from topsides
- Eliminates topside space and weight requirement

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