

ROCS

Remote Operated Completion System

The ROCS revolutionizes offshore operations by eliminating the need for topside IWOCs and large umbilicals. This innovative system connects directly to the drill pipe just above the THRT to seamlessly install and retrieve tubing hangers. Its interface independent design ensures versatility and compatibility across various platforms. Additionally, the ROCS prioritizes safety, efficiency and cost, making offshore operations safer, quicker and more cost effective.

Features

- + Install & retrieve tubing hangers without an umbilical
- + Small simplified topside HMI
- + High speed wireless communication
- + Highly adaptable and interface independent
- + Qualified for 3000m (10.000 ft) Water Depth
- + Fully redundant control system with closed loop hydraulics
- + 25 years service life
- + Significantly reduces need for work in rig red zone
- + Field proven through multiple operations since 2021

Technical Specifications:

- + Designed in accordance with ISO 13628-6 & -7 / API 17G & 17F
- + Hyperbarically tested to 345 bar (5.000 psi)
- + Up to 1.035 bar (15.000 psi) function pressure
- + Max OD 473mm (18 5/8")
- + Battery capacity (2 x 1658 Wh)
- + Communication speed 19.200 bps
- + Modbus RTU over RS 485 or TTL

Contact us

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eSCILS

**Battery powered
Umbilical less XT controll**

eSCILS comes with a closed loop hydraulic control system. The relocation of hydraulic power to the seabed eliminates heavy equipment top-side, long lead times, reliability challenges and complexity in operations. Reduced and simplified interfaces, for enhanced rig flexibility and improved HSE. Fully redundant hydraulic and electrical systems.

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Features

- + Umbilical less XT-Control
- + Small simplified topside HMI
- + High speed communication
- + Highly adaptable and interface independent
- + Qualified for 3000m (10.000 ft) Water Depth
- + Fully redundant control system with closed loop hydraulics
- + 25 years service life
- + Significantly reduces need for work in rig red zone
- + Field proven through multiple operations since 2019
- + Separate reservoirs for clean fluid and dirty returns
- + Subsea recharge via ROV capability

Technical Specifications

- + Design in accordance ISO 13628-6 & -7 / API 17G & 17F
- + Hyperbarically tested to 345 bar (5.000 psi)
- + Up to 1.035 bar (15.000 psi) function pressure
- + Battery capacity 42 kWh
- + Communication speed up to 100MB
- + Ethernet, Serial, & VDSL Communication
- + Prepared for acoustic communication