

7-3/8" Subsea Intervention Lubricator

3,000 m



The 7-3/8" Subsea Intervention Lubricator – 3,000 m (SIL) enables efficient and cost-effective riserless intervention or abandonment solutions for all subsea wells up to 3,000 m (9,842 ft.) water depth.



The 7-3/8" Subsea Intervention Lubricator (SIL) is designed for single-trip deployment for tool strings up to and beyond 22 m providing excellent tractor and conveyance options in high deviation wells and longer gun runs where perforating new or existing zones is desirable.

Helix WellOps SILs provide a potential cost-savings of 40% - 60% in comparison to using a drilling rig by greatly reducing mobilization time for life-of-well operations including wire line, logging, light perforating, zone isolation, plug setting and removal, and decommissioning.

The 7-3/8" SIL creates a system that gives access to large bore subsea assets in deeper water and the ability to perform well intervention and abandonment operations.

The 7-3/8" SIL (3,000 m) features a single main umbilical and with the addition of a project specific auxiliary umbilical providing a fully redundant electro-hydraulic control system ensuring excellent reliability. The Control system is integrated topside to Hydraulic/Grease generation and distribution systems as well as the Subsea system and third party subsea trees.



Experience

Helix's first Subsea Intervention Lubricator SIL1 performed the world's first rigless intervention on the Magnus field in 1987.



Innovation

Our 7 3/8" 3,000 m model is the first to allow 'single trip' deployment of well access package and tools.



Value

Expands the cost-saving capabilities of Light Well Intervention into deeper waters.

TECHNICAL SPECIFICATIONS

Main specifications

7-3/8 inch through bore at 10,000 psi WP

Diverless system with wireline capability to 3,000 m

Modular lubricator riser supporting up to and beyond 22 m wireline tool string (vessel dependent)

7-3/8 inch 10,000 psi, hydraulic latch integrated with wire-cutting ball valve

Wire-cutting ball valve 7-3/8 inch, 10,000 psi, Norsok D002

7-3/8 inch, 10,000 psi, WP dual wireline BOP with inverted ram for contingency operations

10,000 psi WP subsea grease package assembly c/w redundant subsea storage with recharged capability via umbilical or ROV

13-5/8 inch, 10,000 psi, hydraulic EDP connector

ROV override panel for contingency functioning of critical wellbore functions

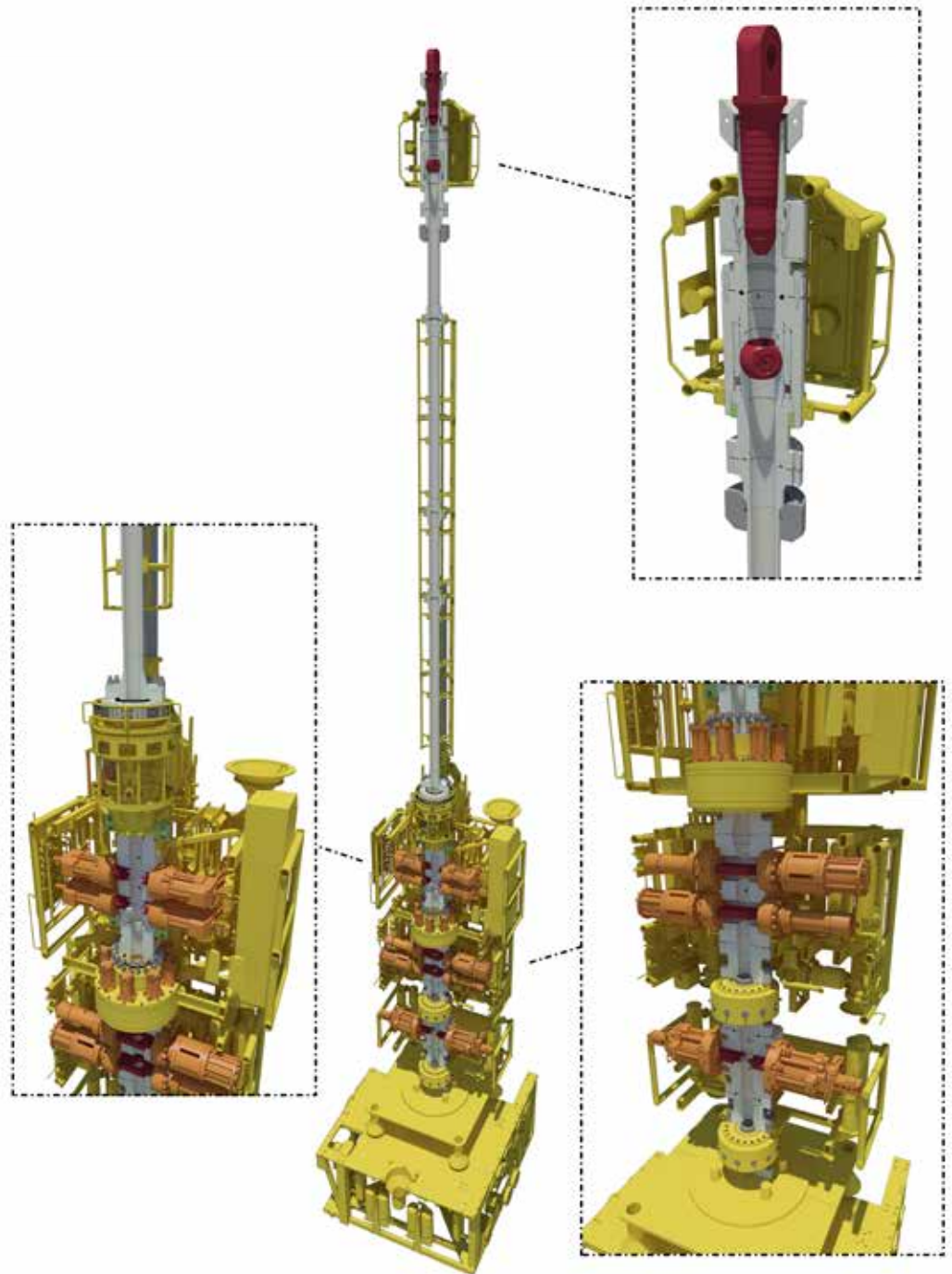
Optional: 2 inch kill line with deco return line capability

Dual redundant MUX control system with fibre-optic primary and secondary control via single main umbilical and project specific auxiliary umbilical

Dedicated emergency shutdown system independent of MUX controls

Optional: 7-3/8" Safety Head, 10,000psi WP, Norsok D010 Compliant

Suitable for all subsea XT's and wellhead connections





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