

Coiled Tubing Downlines

SUBSEA SOLUTIONS

OVERVIEW

Halliburton coiled tubing (CT) downline services offer an agile alternative to rig-based operations for deepwater environments. Spanning a broad portfolio of applications, ranging from stimulations to subsea flowline cleanouts, CT downlines can provide significant savings in both cost and operational time.

The system may be configured to incorporate either a single or dual downline package, each including a CT reel, injector and deployment skid, and both driven by a single powerpack and remotely operated via a hydraulics panel. The packages offer a compact footprint that can be accommodated on a wide range of offshore support vessels.



Dual Downline Equipment Spread

The applications for CT downlines are very diverse, with new uses being developed frequently. From removing debris in subsea infrastructure, to stimulating wells – the ability to conduct these operations without the requirement of a rig or drillship has been an industry game changer.

APPLICATIONS

- » Rigless deepwater operations
- » Acid stimulation
- » Scale squeeze treatment
- » Flushing and injection
- » Subsea infrastructure maintenance

FEATURES

- » Modular, skid based system
- » Single powerpack for single or dual downline packages.
- » Up to 3.5 inch OD coiled tubing
- » Up to 10,000 ft. water depth capability
- » 15,000 psi at 10 BPM (2-3/8" CT)
- » Real-time data monitoring (pressure, weight, and depth)
- » Real-time high cycle and low cycle fatigue tracking
- » Variable clump weight system
- » Designed to DNV 2.7.1 specifications

BENEFITS

- » Rigless solution provides significant cost savings and operational efficiency
- » Vessel based package enables enhanced mobility for rapid response
- » Highly versatile system, suited for a broad range of applications
- » Compact equipment footprint

CT downline solutions are capable of deploying in water depths of up to 10,000 ft., allowing for stimulation, injection, or flushing operations to be carried out at pressures of up to 15,000 psi with rates over 10 BPM – all while monitoring and recording job data in real time.

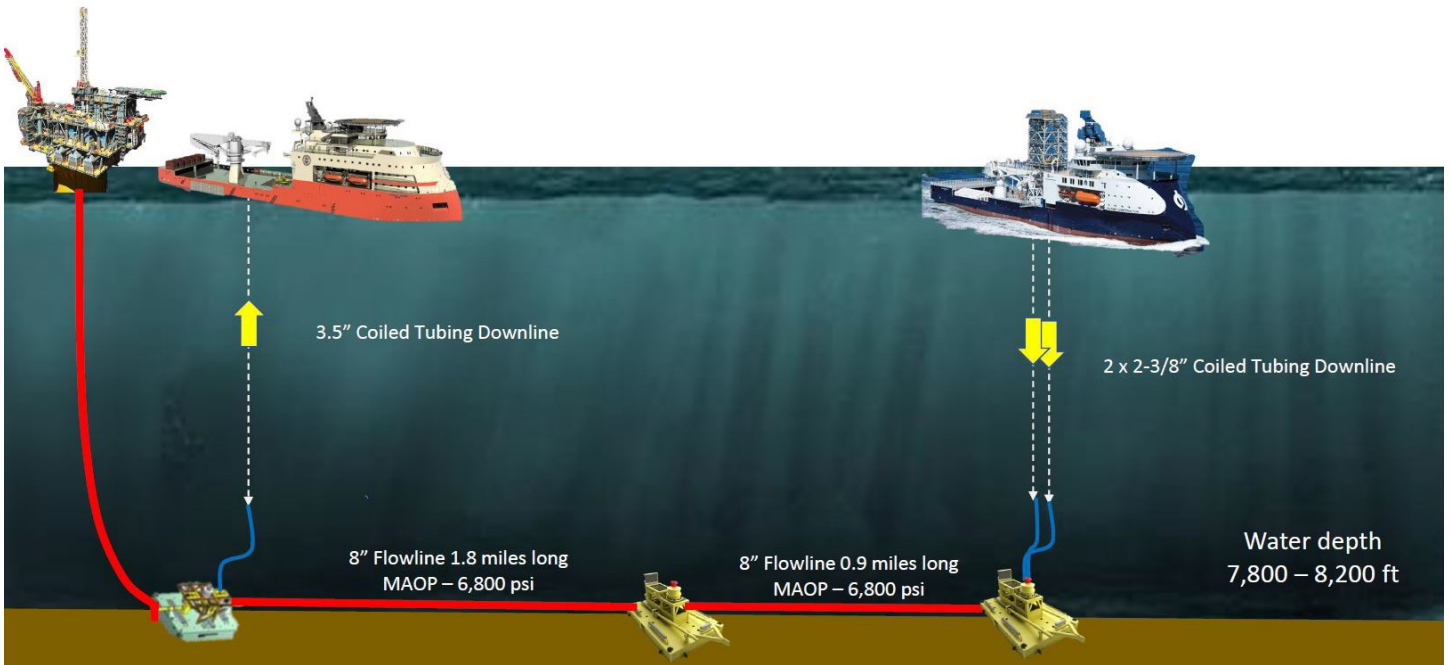
In addition, the unique low cycle fatigue environment of ocean currents on the coiled tubing has been taken into account, with real time fatigue monitoring of high and low cycle fatigue.

The small footprint of the equipment spread allows for deck space to be utilized in other ways, such as tanks and pumps – allowing the possibility for all of the equipment and chemicals required to stimulate a subsea well to fit on the deck of a support vessel.

With dual or single downline systems available, and multiple spreads allowing for vessel to vessel flushing operations, Halliburton has everything needed to address your subsea flow assurance and stimulation challenges.



Dual downline installation on the deck of a vessel



Vessel to Vessel Flush Operation

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

H013814 02/21 © 2021 Halliburton. All Rights Reserved.