Subsea Workover, Completion, Intervention & Abandonment Support Equipment

InterAct’s subsea support equipment provides operators with the ability to control seafloor wells from the back of a boat or the surface of a jack-up rig. The InterAct Intervention / Workover Control System (IWOCS) includes a surface control unit, hydraulic power unit, hose sheave, subsea connectors and subsea control pod.

How It Works:

Pressurized hydraulic fluid from the pumps is sent through the surface control unit control valves. The pressurized fluid then goes through the hose bundle and is directed to the subsea control pod. The pilot valves in the subsea control pod direct the fluid to the tree valve actuators. These systems can be adapted to any fluid type requested by our customers. The system hoses are installed by a team of divers.

Specifications:

InterAct’s IWOCS includes:
- Hydraulic Power Unit capable operating at low pressure 3,000 psi (207 Bar) and high pressure 10,000 psi (690 Bar), with 13 function control panel and 5,000 psi and 10,000 psi accumulators
- 13 function control panel 500’ of umbilical with 12 lines rated at 3,000 psig working pressure (WP) and one line rated at 10,000 psig WP
- Subsea “pig tail” tie-in lines
- Hose sheaves
- Two 10,000 psi / 7,500 psi back up pumps
- Tool basket

Where It Can Be Used:

- Capable of performing in water depths up to 350 feet
- Can be used on Dual Bore Xmas Trees, Horizontal/Spool Type Trees, Tree on Mud Line and Inline Subsea Test Trees.
- Based on direct hydraulics and can be deployed from subsea drilling rigs, jack up boats, or dive support vessels.

Benefits of InterAct’s Subsea Rental Equipment:

- InterAct team of experienced technicians have an excellent record of performance.
- Trained, safety-oriented personnel can be deployed around the world to support the operations of our rental equipment, providing 24/7 availability.
- Versatile and cost-effective.

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We Plan. We Execute.
IWOCS (Intervention/Workover Control System)

Utility Surface Control Unit

Rented with IWOCS for Additional Capability or Separately for Testing

InterAct has a secondary Utility Surface Control Unit (USCU) that can be rented separately or in conjunction with the primary IWOCS to enable well control from the top of the riser.

The USCU includes:

- 4 line umbilical hose rated at 5,000 psig WP
- Hydraulic pumping unit
- Control panel
- Hose bundle and reel

The USCU utilizes 125 psig (maximum) air pressure to operate the hose reel and the 60:1 air operated hydraulic pump and is capable of performing in water depths up to 350 feet.

The USCU can add 4 additional subsea control points or be utilized for surface equipment testing (BOPEs, stump tests, SIT).

16” Riser

InterAct’s kit of rental equipment includes a 16” diameter riser with the following specifications:

- 7 joints 16” 97.0 lb/ft KO 80T riser with Dril-Quip S-60 connectors, 5,000 psig WP (300’)
- Numerous cross over joints to accommodate most casing threads or well head
- Appropriate 5,000 and 10,000 psig WP cross overs for BOPE connections
- 13 5/8” Cameron clamp crossover
- Pup joints to accommodate space out requirements
- 16”, 13 3/8” and 5 1/2” guide arms for centralizing the riser in the guide wires during installation and well head connections

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