



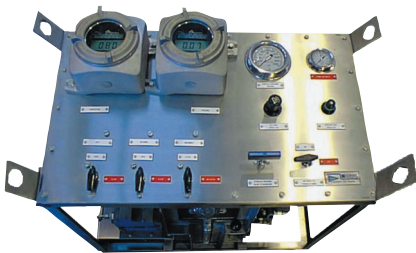
EXPRESS-EH SeaLink EH system

Expro's SeaLink EH system, with its outstanding features, has been enhanced to provide a superior system for deepwater applications. By adding the SeaLink™ Actuator Module to the Subsea Test Tree System, exceptionally fast closure time for subsea safety valves can be achieved.

SeaLink™ Actuator Module

Actuator Module In an emergency, time is critical. The SeaLink Actuator Module provides the safest, fastest, and most reliable subsea safety system available. The SeaLink Actuator Module is an electrohydraulic actuation system designed to shut in, close downhole safety valves and unlatch from the well head in less than 10 seconds in water depths up to 10,000 feet (3,048 meters). No other subsea package has this exceptionally fast capability. Another unique feature of the SeaLink Actuator Module is that it can monitor real time downhole pressures and temperature and display them at the surface.

The components of the SeaLink™ Actuator Module are:



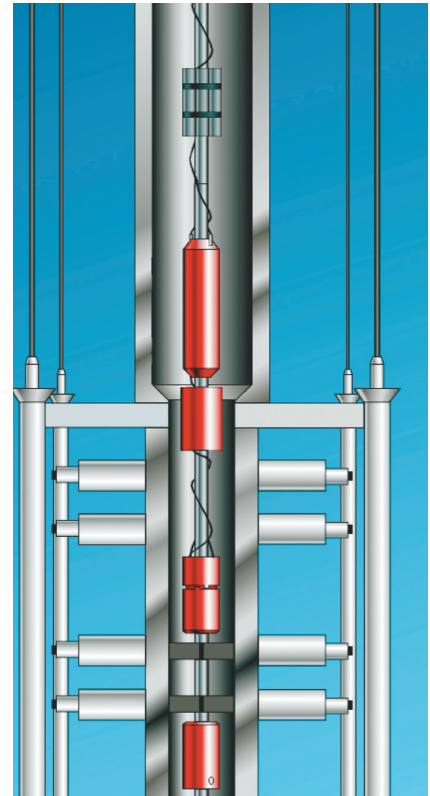
Operator Control Console – A dual pump, electrohydraulic control panel designed to hydraulically control the functions of the Subsea Test Tree and Retainer Valve, electrically activate the subsea control valves, and display downhole pressures. Located on the rig floor, it is approved for Zone 1 usage.



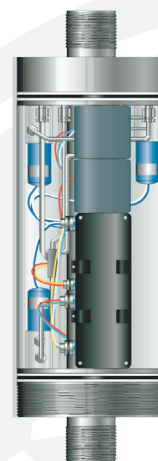
Reel Pack – acts as the communication highway by transferring hydraulic fluid and electronic signals downhole, via a hose bundle, between the Surface Control Unit and the Subsea Control Unit. The hose bundle contains four hydraulic lines and a twisted shielded pair electrical cable.



Surface Control Unit – the master processing unit that sends commands, receives and validates data, and provides the user interface with the Subsea Control Unit. Located in the doghouse, it receives commands from the Operator Control Console and relays them to the Subsea Control Unit. It is also an additional means of closing the downhole safety valves and unlatching from the well head. It can also query the Subsea Control Unit for real time pressures and temperature, and displays the data as well as relays the same data to the Operator Control Console.

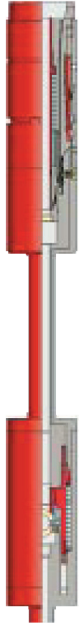


Subsea Test Tree System With SeaLink™ Actuator Module



Subsea Control Unit – a low power, data acquisition, hydraulic control manifold, and valve actuation unit. It receives, acknowledges, and performs the tasks requested from the Surface Control Unit.

ELSA-EA SeaLink EH system



Super Tree III™



Lubricator/Retainer Valve



Safety Valve

Expro's hydraulic Subsea Test Tree System consists of world-class safety products designed for use in land or offshore well operations. Its fast actuation time can close and unlatch in less than 20 seconds at a water depth of 2000 meters (approx. 6000 ft.)

The subsea Test Tree System comprises:

- Super Tree III™, a subsea test tree that will fit inside most blowout preventer stacks.
- Lubricator/Retainer Valve, that can be configured to be normally closed, positive seal from above or normally open, selective seal from above.

The Lubricator Valve, Retainer Valve and Super Tree are used in conjunction to form a Subsea Test Tree System during well operations. The Retainer Valve and Super Tree are positioned inside the drilling blowout preventers so that pipe rams can establish an annular seal at the tree and dual ram closure can be achieved above the tree when unlatched. Dual valve closure in the Super Tree and valve closure in the Retainer Valve ensure containment of well fluids when an unlatch of the tree is necessary. The Lubricator Valve is placed one stand below the drill floor to allow running of wireline or coiled tubing without surface lubricators. Combined, these products provide superior safety for offshore well operations.