

EXPRESS-EH SeaLink surface control unit

The Surface Control Unit is the master processor unit for the SeaLink™ Actuator Module. It is a self-powered, self-contained controller that receives, processes, and sends information to and from the Operator Control Console and the Subsea Control Unit.

Transducer data and a system check from the Subsea Control Unit are updated every five minutes or upon request. The unit contains the membrane switches for the actuation of the control valves, and the displays for well temperature, well pressure, balance, and accumulator pressure sensors.



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Features & Benefits:

The unit monitors well pressure, well temperature, balance pressure, and accumulator pressure in real-time.

All surface electronics, battery, charger, and cable input/output terminations are located in a single enclosure. The enclosure provides an elastomeric shock mount system to protect the equipment during shipment.

Two inches of sway space allow for insulation of the equipment from shock and vibration and ensure cooling air flow.

The unit can be transported in any position and is sealed to prevent moisture and debris intrusion during transport and storage.

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Technical Specifications:

Electrical

Power	12V DC (fused at 2.25 A); 110V/60 Hz or 220V/50 Hz AC
Straight Battery Life	400 hours
Serial Interface	2400 baud CCITT V.24bis 4-wire (8 data bits, one stop bit, no parity)
Remote Display Interface	4 to 20mA current drive (10-12 V loop voltage)
Auxiliary Alarm Drive	12V at 200mA (max.)

Mechanical/Environmental

Physical Size	24 in. W x 17 in. H x 30.5 in. D
Operating Temperature	32 to 158° F
Total Weight	82 lb (180 kg)
Humidity	90% relative non-condensing