Halliburton Dash™ EH Control System brings speed, strength, and simplicity. This key technology is designed to work in conjunction with Halliburton’s Veto™ premier 3-inch 15k Subsea Safety System.

The Dash EH system should be added to the Veto system when a rapid well shut-in and unlatching of the landing string may be required. This is of paramount importance when conducting well-testing activities from dynamically positioned drilling vessels in water depths up to 10,000 feet (3038 m).

The Dash EH system utilizes smart, redundant electronic controls to perform the emergency well shut-in and landing string disconnect in less than 15 seconds. The Dash EH module is a passive system during normal operations with full direct hydraulic control and full integration with Halliburton’s RezConnect™ well testing system.

Safety and simplicity are paramount in deepwater well testing. The Dash EH system delivers both.

Features

- Offers a passive system during normal operations with full direct hydraulic control
- Full integration with Halliburton’s RezConnect well testing system
- Real-time subsea pressure, temperature, and fluid-flow monitoring of Safety System hydraulic control lines
- Real-time subsea pressure and temperature monitoring of wellbore and annulus
- Real-time fault monitoring of Subsea Electronics Module
- Real-time continuity check of all downhole electronics
- Zone 1 rated Surface Control System with HMI controls and battery backup system
- Meets NACE Standard MR0175-2000 requirements for sour gas at all temperatures
- Conforms to API 17E, F & G
**Benefits**

- Hydraulic system operated independently from the Dash EH system so that electrical failure should not compromise the Veto system safety or functionality
- Simple design relies on minimum electronics and hydraulics to help reduce failures associated with conventional complex E/H and MUX systems
- Short compact design
- Full redundancy of critical electronic components
- Real-time display of bore temperature and pressure within the Dash EH system, which enables prediction of hydrate formation
- Real-time, touch-screen control for ease of operation and monitoring
- Reliable solenoids and directional control valves tested with NAS 12 fluids and up to 5,000 cycles

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### Dash™ EH Control System Specifications

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#### Operating Limits

- Maximum Working Pressure: 15,000 psi (1,034 bar)
- Maximum Test Pressure: 22,500 psi (1,551 bar) – Bore, 18,750 PSI (1293 Bar) – Control Line
- Maximum Working Temperature: 350° F (177°C) – Mechanical, 275°F (135°C) – Control Module
- Minimum Working Temperature: 32°F (0°C)
- Tensile Capacity at 0 psi: 800,000 lb (3558 KN)
- Tensile Capacity at Working Pressure: 340,000 lb (1512 KN)
- Maximum Torque Load: 20,000 ft-lb (27,116 N-m)
- Maximum Annulus Hydrostatic: 8,000 psi (551 bar)

#### Dimensions

- Overall Length: 153.2 in. (3891 mm)
- Major Diameter: 15.50 in. (394 mm)
- Bore: 3 in. (76 mm)
- End Connections: 5”– 4 TPI Stub Acme Box
- Approximate Weight: 5,080 lb (2,304 kg)

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For more information about Dash™ EH Control System, contact your local Halliburton representative or email welltesting@halliburton.com

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