

# Dash<sup>®</sup> Sensor Sub

## PROVIDING DATA ACQUISITION AT THE SEABED DURING SUBSEA COMPLETION AND INTERVENTION OPERATIONS

### OVERVIEW

Available as part of Halliburton's premier Veto™ Subsea Safety System, the Dash<sup>®</sup> Sensor Sub provides data acquisition in deep water.

For the first time, whether performing a land-and-lock or carrying out a critical deepwater well intervention, make informed decisions faster with the Dash Sensor Sub.

The Dash Sensor Sub and surface system offer complete at-depth monitoring with measurement and analysis of data in real time. It is combined with surface visualization, which enhances the intervention team's knowledge of precise tool load, placement, and movement. This is achieved with an integrated array of proprietary sensor fusion algorithms that provide tracking of vertical position, heading, and set-down and pick-up weights. It also provides the current torque in the string and marine-riser pressure readings providing subsea string motion data and loading information during subsea well interventions.

### FEATURES

- » Modern multi-sensor array construction
- » Sensor fusion algorithmic analysis for highly reliable and accurate tool tracking
- » Real-time wired data transmission
- » Subsea data logging and storage
- » Verification of commanded motions over short periods
- » Halliburton high-integrity tool joints

### BENEFITS

- » Provides a seabed data center during operations including:
  - » Tension
  - » Compression
  - » Torque
  - » Translation
  - » Rotation
- » Enables active watch circles based on real-time data
- » Creates 3D positioning of upper landing string during relatch operations
- » Validates riser and landing string model



## Equipment Specifications

**Applicable Design Standards**

API 6A	Specification for wellhead and Christmas Tree equipment
API 5CT	Specification for Casing and Tubing
NACE MR0175	Materials for use in H <sub>2</sub> S environments

**Operating Limits**

Maximum Working Pressure psi (bar)	15,000 (1034)
Maximum Bore Test Pressure psi (bar)	22,500 (1551)
Service Temperature °F (°C)	-20 to 250 (-29 to 121)
Tensile Capacity at 0 psi lbf (kN)	2,000,000 (8896)
Tensile Capacity at Working Pressure lbf (kN)	1,000,000 (4448)

Service	NACE compliant Sour Service
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**Resolution**

Load	+/- 100 lbf
Angle	+/- 1°

**Physicals**

Bore in. (mm)	6.375 (162)
Overall Length in. (mm)	57 (1448)
Major Diameter in. (mm)	14.50 (368)
End Connections	9-in. 4 TPI Stub Acme Box x Box
Approximate Weight lb (kg)	651 (295)

## Notes:

- » Refer to the equipment databook for individual equipment specifications.
- » These ratings are guidelines only.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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