



Protecting sensitive resources while drilling

SPAR BUOY PROVIDING REAL-TIME DATA TO OPERATORS

Real-time data ensure no undesired impact to the environment

The oil and gas industry is moving from reactive monitoring of consequences, to proactive real-time systems making it possible to reduce the environmental impacts of operations. To enable these types of applications, a SPAR buoy with data from the surface region, the water column and the sea bottom can be utilized.

The objective of the off-shore buoy is to enable access of vital data real-time to ensure that operators stay within limits with regards to dissolved matter and current during drilling operations. Data is provided over acoustic link and satellite and enable personnel world-wide to monitor the impacts real-time.

The SPAR buoy solution provides

- Detect current conditions harmful to the equipment immediately with the real-time system
- Current data from several available current meter and profiler configurations
- Accurate tilt data and tilt compensation up to 50 degrees
- Water quality data measured in strings in the water column or from sensors on the current meter
- Configurable with many different water quality sensors both from Aanderaa and other vendors
- Real-time data from subsea sensors via acoustic link and satellite to shore
- Access to data via GeoView display program or via well-defined xml structured data



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