



# Deep Ocean Current Profiling

SAFE RISER DEPLOYMENT THROUGH PRECISE CURRENT MEASUREMENTS

## Critical current and tilt data during field development

Current meters lowered during riser operations ensure safe working conditions for the equipment. The Aanderaa current meters draw on almost 50 years of deep water experience to provide accurate real-time data from the water column.

Aanderaa current meters are especially suited for such applications. A real-time system utilizing a winch with slip-ring and a profiling cable is utilized to provide current, tilt, salinity, conductivity and temperature from sea surface to depths up to 3500m. Data is fed to a real-time display program or provided to 3<sup>rd</sup> party software.

## The real-time current profiling system provides

- Deployed alongside the riser, the system gives accurate current and water quality data over the entire height of the water column
- Detect current conditions harmful to the equipment immediately with the real-time system
- Accurate current data through fast sampling current meter
- Accurate tilt data and tilt compensation up to 50 degrees
- Water quality data measured at the same level as current measurements
- Configurable with many different water quality sensors both from Aanderaa and other vendors
- Access to data via GeoView display program or via well-defined xml structured data



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