

CASE HISTORY

gyroMWD MODULE PROVIDES ANTI-COLLISION WITH REAL-TIME MEASUREMENTS

APPLICATION

Collision Avoidance / Multi-Well Drilling

TECHNOLOGY

gyroMWD Module

LOCATION

Norway (North Sea)

CUSTOMER CHALLENGE

The customer required real time surveys and tool face updates for accurate well placement during the drilling of a 24" Hole Section from an offshore platform. The platform had multiple existing wells in place, resulting in considerable magnetic interference and anti-collision concerns. For optimal drilling performance and to reduce safety exposure, gyroMWD was preferred over wireline conveyed gyro surveys.

SCIENTIFIC SOLUTION

SDI's gyroMWD Module was utilized to provide real-time gyro tool face and high accuracy gyro surveys for safe and efficient wellbore steering for over 700 meters of the congested area to TD. This eliminated the need and costs associated with wireline operations.

CUSTOMER VALUE

The gyroMWD Module provided high accuracy surveys as required within the tight anti-collision tolerances. This ensured the well was drilled safely and accurately, meeting all of the customer's wellbore placement requirements. The seamless integration of SDI's module into the customer's existing BHA ensured operational efficiency as no additional modifications or tools were necessary. Significant time and cost savings were delivered by eliminating the need for wireline.

