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ABLE Secures Buzzard Contract

ABLE INSTRUMENTS & CONTROLS LTD HAVE BEEN AWARDED THE CONTRACTS TO SUPPLY NUCLEONIC LEVEL CONTROLS AND ALLOCATION METERING TO THE BUZZARD FIELD DEVELOPMENT IN THE NORTH SEA

ABLE Instruments & Controls Ltd have been awarded the contracts to supply miscellaneous nucleonic level controls and allocation metering to the Buzzard field development in the North Sea.

The Level measurement requirements on this development, are many and varied and encompass nucleonic, continuous, single point level, and complete vessel density profiling. Able Instruments have applied their high sensitivity detector / low source activity approach to the project which is highlighted by the use of the Fibreflex, a unique flexible fibre optic transmitter which contour cylindrical vessels.

Point scintillators will be supplied for vapour density compensation on certain stages of the offshore production process. Measurement philosophy dictated that control & shutdown systems utilize independent detectors and internal sources where interface, large diameter or thick walled vessels were concerned. A scanning device operating in twin wells, which outputs position and density, has been specified where measurement of the density and magnitude of the different phases of a process were required, such as the test and first stage separators. Once again, unique scintillator based sensor technology provides the high resolution and fast response required for a detailed scanning measurement.

The Allocation Metering package requirements include Wide-Beam Clamp-on Ultrasonic Flowmeters, Coriolis Flowmeters, Spooled Gas Ultrasonic Flowmeters, Gas Meters, Water in Oil Monitors and Insertion Densitometers. As in the case of level measurement and where possible, the project philosophy of simplicity and non-intrusive technology has been applied. The many and varied applications include Flare, Water Injection, Produced Water and Gas Lift, Test & Production Separator flow.

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