



Press Information

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Converteam Selected For Drillship Electrical Package

Converteam UK Ltd has been selected by STX Heavy Industries Co., Ltd as designer and supplier of an extensive package of electrical equipment for a newbuild ultra-deepwater drillship with DP-3 station keeping ability.

The Globetrotter class drillship is under construction for US drilling contractor Noble Drilling Holdings LLC by STX at their new state-of-the-art facility in Dalian, China is due for delivery to Noble during the second half of 2011. The drillship is rated for operations at water depths of up to 10,000 feet and will be capable of drilling to a vertical depth of 40,000 feet.

Converteam is contracted by STX to design, supply and commission a complete package of electrical works which includes major components of the electrical power generation, power distribution and propulsion systems and a vessel management system which includes power management, machinery monitoring/control, dynamic position control system, fire & gas/emergency shutdown systems.

The six variable speed propulsion and positioning thrusters, each rated at 3700kW, will be powered by Converteam's MV7000 high performance medium voltage drives. Built around robust Press-Pack IGBT power semi-conductors and a fuseless design the MV7000 provides a low parts count which makes a key contribution to extended reliability and availability of the thruster system. Another attractive feature of the MV7000 is its power electronics controller which provides a tailor made interface for Converteam's C-Series of vessel control systems including the triple voting dynamic position control system.

Andy Cooper, Director of Offshore & Merchant for Converteam UK says: "It's the interfacing and integration of the diverse range of electrical and control systems that can give rise to dramatic delays and cost overruns during vessel construction and to functional and reliability issues once in operation. Converteam delivers complete packages which are truly engineered and integrated – which eliminates the hassle and additional expense."

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Converteam UK Ltd
Boughton Road
Rugby
Warwickshire
CV21 1BU

Converteam UK Ltd
Registered in England and Wales Registration number 5571739
Registered office: Boughton Road, Rugby, Warwickshire, CV21 1BU



Press Information

Notes to editor:

For further information please contact:

Tamara Meahan, Converteam UK Ltd
Tel: +44(0) 1788 563563 Fax: +44(0) 1788 560767
E-mail: tammy.meahan@converteam.com

Or

Chris Bannigan, Converteam UK Ltd
Tel: +44(0) 1788 563563 Fax: +44(0) 1788 560767
E-mail: chris.bannigan@converteam.com

About Converteam

Converteam Group is a world leader in power conversion engineering. Building on over a century of experience, it is firmly placed at the leading edge of technology and innovation with a global reputation for excellence in the conversion of electrical energy. Converteam develops and provides solutions built around three core components: rotating machines, drives and process automation. Serving specialised sectors as well as its core markets in Marine, Oil & Gas and Offshore, Energy and Industry, its 4,600 staff members provide power conversion solutions worldwide. At year-end 07, the Converteam sales totalled EUR 875,000,000.

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