



KONGSBERG technology helps OHT to provide unique heavy lift capabilities

Sep 25, 2018 10:31 BST

## Kongsberg Maritime: KONGSBERG to supply integrated technology for innovative new heavy lift crane vessel

- *Kongsberg Maritime wins tender to deliver technology solutions and comprehensive electro package for radical new 48,000 dwt semi-submersible offshore windfarm foundation installation vessel*

**Kongsberg, Norway, 25<sup>th</sup> September 2018** – Kongsberg Maritime has secured an approx. US \$13 million contract to equip a new heavy lift crane vessel for Offshore Heavy Transport (OHT) with an appropriately innovative technology

suite. The vessel, a customised Ulstein Design & Solutions BV design, marks the entry of the Norway-based Offshore Heavy Transport (OHT) into the offshore renewables and installation market. Options exist for a further three vessels, but the first is currently under construction by China Merchants Heavy Industry (CMHI) and is scheduled to enter service in 2021.

The revolutionary 216.3m, 48,000DWT (deadweight tonnage) vessel has been designed with a submersible main deck and a 3,000mt (metric tons) lifting capacity main crane to expedite heavy-lift crane operations for heavy substructures supporting offshore wind turbines. Future-proofed in anticipation of the construction of the largest predicted wind turbine generators, the vessel will be capable of transporting and installing up to 10 x 1,500t ultra-large jacket foundations or 11 x 2,000t XXL monopiles, plus transition pieces. The vessel with its large, open deck of more than 10,000m<sup>2</sup> is also ideally suited for subsea installations – oil pipelines, satellite wells, as well as decommissioning.

KONGSBERG's integrated technology solution will be integral to the vessel's operational effectiveness. The suite will include dynamic positioning, navigation, thruster control and automation systems, all enhanced by inbuilt measures to improve functionality and safety. The delivery will be augmented by an electrical package including battery hybrid power and energy management systems, which will perpetrate a sharp reduction in fuel oil consumption, thereby driving down the vessel's CO<sub>2</sub> and NO<sub>x</sub> emissions.

*“The heavy lift market has always presented a series of very specific challenges,”* said Torgeir E. Ramstad, CEO of OHT, *“but combining heavy lift crane capacity to a semi-submersible vessel genuinely represents a bold step into the offshore working environment of tomorrow. In working with ULSTEIN to design an innovative transport and installation vessel everyone has had to pull out all the stops, including defining the most efficient marine technology and Kongsberg Maritime has demonstrated that they are in the fore-front of delivering a state-of-the-art, integrated solution to meet our needs.”*

*“The fact that China Merchants Heavy Industry (CMHI) selected our solution to enable OHT's expansion into the offshore renewables and installation market is a valued endorsement of our approach to the integration of operational and digital technology. We are looking forward to seeing this sophisticated vessel in operation and delivering continued support to ensure that OHT can maximise the potential of the KONGSBERG systems on board,”* said Bård Bjørløw, EVP Sales &

Marketing, Kongsberg Maritime.

Ends

**For further information, please contact:**

Gunvor Hatling Midtbø, VP Communication

**Kongsberg Maritime**

Tel: +47 9921 4209

[gunvor.hatling.midtbo@km.kongsberg.com](mailto:gunvor.hatling.midtbo@km.kongsberg.com)

Saul Trewern

**Saltwater Stone**

Tel: +44 (0)1202 669244

[s.trewern@saltwater-stone.com](mailto:s.trewern@saltwater-stone.com)

---

**About Kongsberg Maritime**

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 20 countries.

Kongsberg Maritime systems for vessels cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning. Subsea solutions include single and multibeam echo sounders, sonars,

AUV/Underwater Robotics, underwater navigation, communication and camera systems.

Training courses at locations globally, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company's diverse technology portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

*[www.km.kongsberg.com](http://www.km.kongsberg.com)*