



Kongsberg Maritime and Stress Engineering Services form strategic alliance to serve customers within offshore drilling and floating production systems

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Kongsberg Maritime: Kongsberg Maritime and Stress Engineering Services Form Strategic Alliance to Serve Offshore Drilling and Production Market

- *Alliance to offer integrated services, systems and support to operators and rig owners covering all stages of a drilling operation*

Kongsberg, Norway, 28th April 2017 – Kongsberg Maritime Inc., the North

American division of Norway headquartered marine and offshore technology company Kongsberg Maritime, and Houston headquartered Stress Engineering Services (SES) have formed a strategic alliance to better serve existing and new clients with cost effective engineering services and fully integrated technical solutions within offshore drilling and floating production systems.

By combining Stress Engineering Services' wide-ranging engineering expertise within all aspects of offshore drilling with the extensive footprint of KONGSBERG Dynamic Positioning (DP) and automation systems within the existing Mobile Offshore Drilling Units (MODU) fleet, the alliance can offer integrated services, systems and support to drilling contractors, oil & gas companies, original equipment manufacturers and other manufacturers in the upstream sector, covering all stages of a drilling and workover operation from planning, execution, post operations and condition-based maintenance.

Kongsberg Maritime and Stress Engineering Services will together improve and develop new functionality for the KONGSBERG real time Riser Management System (RMS) with focus on riser and wellhead fatigue in addition to enabling improved efficiency of drilling and workover operations. The RMS is fully integrated with other KONGSBERG systems installed on MODUs including K-Pos DP, K-Chief marine automation, acoustic systems and

the KONGSBERG Information Management System (K-IMS), for data aggregation, data analytics and remote access and monitoring. Stress Engineering Services will provide enabling technology such as their Subsea Vibration Data Loggers (SVDL) and Realtime Fatigue Monitoring System (RFMS) to assess riser and wellhead fatigue.

Kongsberg Maritime and Stress Engineering Services will also cooperate in the area of floating production systems. KONGSBERG's experience within the design and analysis of flexible riser and umbilical systems will be combined with SES' riser expertise within floating production systems for both green field and brown field applications.

"We are pleased to have joined forces with Stress Engineering Services, a well-established expert engineering company in the oil & gas sector," said Jon Holvik, president, Kongsberg Maritime Inc. "We believe that together we can better leverage the unique competencies, technologies and products offered by

KONGSBERG and Stress Engineering Services to serve our clients with smarter and more cost-effective services and solutions.”

“Offshore operators and drilling contractors are looking for ways to improve efficiencies and reduce costs,” said Chuck Miller, vice-president of Stress Engineering Services. “By working with KONGSBERG, we can together provide drilling system services that empower engineers to more efficiently make informed decisions in the ever-more challenging offshore drilling environments.”

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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.

About Stress Engineering Services, Inc.

Since 1972, Stress Engineering Services, Inc. has been a global leader in consulting engineering services and solutions for a variety of industries. Stress Engineering Services is committed to providing the most comprehensive design, analysis and testing services with an unsurpassed level of engineering integrity and skill. The company's multi-disciplinary engineering methods, advanced technology, innovative applications and highly knowledgeable and experienced staff provide proven, quantifiable benefits to its worldwide portfolio of clients. Stress Engineering Services is headquartered in Houston, with offices in Cincinnati, New Orleans, Baton Rouge, Calgary, and Singapore. For more information, visit www.stress.com.