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## **Ezra's Subsea Services division, EMAS AMC's *Lewek Constellation* completes inaugural reel lay projects**

- ◆ ***Lewek Constellation* demonstrates operational capability by installing the heaviest Pipe in Pipe (PIP) system in the Gulf of Mexico (GOM) to complete Noble Energy-operated Big Bend and Dantzler subsea tieback projects.**
- ◆ **Performed in excess of 30 heavy reel lift transfers proving the viability of the vessel's unique offshore portable reel transfer concept**
- ◆ **Set an industry record for the highest tension ever experienced in the history of rigid, reeled-lay operations**

SINGAPORE ◆ 28 SEPTEMBER 2015

*For immediate release*

**Ezra Holdings Limited** ("Ezra" or the "Group"), a leading contractor and provider of integrated offshore solutions to the oil and gas ("O&G") industry, announced today its Subsea Services division, EMAS AMC has successfully completed the first two of three Noble Energy-operated subsea tieback projects in the US Gulf of Mexico.

The scope of work included project management, fabrication and installation of 8-inch steel catenary risers and 40 miles (64 km) of 8-inch and 12-inch Pipe-in-Pipe (PIP) for the Big Bend and Dantzler field development projects in 7,000 feet (2,100 m) of water depth. It also included the design, fabrication and installation of eight subsea structures weighing up to 100 tonnes each. All project management activities were performed at EMAS' office in Houston, with pipeline production and structures fabrication at the EMAS Marine Base (EMB) in Ingleside, Texas.

Since May 2015, *Lewek Constellation* has conducted more than 30 heavy lifts between 900 and 2,200 tonnes transferring rigid pipe reels, many of them in open water locations, for the Big Bend and Dantzler projects. This game-changing technology of multiple, transportable reels combined with heavy lift capability reduces the transit time and eliminates the need for direct spooling by the installation vessel, keeping the vessel in pipe-lay mode throughout the entire project. This effectively decouples *Lewek Constellation* from the spool base and takes the pipeline fabrication off the critical path.

"We are extremely proud of our achievements on these two field developments", said Mr. Lionel Lee, Ezra Group CEO and Managing Director, "We are proud to announce a



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record for what we understand is the heaviest Pipe in Pipe (PIP) system ever deployed in the world using the reeling methodology, whilst proving the viability of our offshore reel-transfer technology in open waters. Our game-changing vessel used in combination with our unique transportable reel delivery system will offer clients more efficient pipe-lay options in ultra-deep water when compared to more traditional methods.”

*Lewek Constellation* and *Lewek Connector* are now mobilised to lay the pipeline and umbilicals on the Noble Energy-operated Gunflint development project.

#### ABOUT THE COMPANY

[www.emas.com](http://www.emas.com) ♦ SGX mainboard listing: December 2005

EMAS – a leading global contracting group providing offshore/subsea construction, marine, production and well intervention services – is Ezra’s operating brand. With offices across six continents, it delivers best-value solutions to the oil and gas (O&G) industry by combining its global footprint and proven engineering skills with a diverse offering of premium assets and services designed to fully meet clients’ needs.

Operating in unison, Ezra’s core divisions are able to execute a full spectrum of seabed-to-surface engineering, construction, marine and production services anywhere in the world.

EMAS AMC is a global EPCIC service provider of comprehensive subsea-to-surface solutions for the offshore oil and gas industry, especially in the SURF and Subsea Tie-Back sector. Core business services include subsea installation of umbilicals/power cables, pipelines as well as platforms, FPSO and floater installations.

EMAS Energy provides well intervention and drilling services both onshore and offshore, offering fully integrated solutions that combine its marine assets with state-of-the-art intervention equipment and services.

EMAS Marine, under subsidiary company EMAS Offshore Limited, manages and operates a young, versatile fleet of advanced offshore support vessels, offering an extensive range of maritime services that cater to the client’s needs throughout a field’s life cycle.

EMAS Production, also under subsidiary company EMAS Offshore Limited, owns and operates FPSO (floating production, storage and offloading) facilities, offering services that support the post-exploration needs of offshore fields, such as FPSO conversion management.

TRIYARDS is fast becoming an acknowledged leader in developing advanced and customised solutions for world-class vessels. By focusing on sophisticated platforms and equipment that can tackle even the most complex offshore projects, it has already



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established itself as a front runner in the fabrication of liftboats (self-elevating, mobile offshore units). TRIYARDS provides its integrated engineering, ship construction and fabrication services out of yard facilities located in Singapore, Vietnam and the US.

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