



**Press release**

**Nexans' deepest power umbilicals installed in the Gulf of Mexico**

*At a water depth of 2,100 metres, the Chevron-operated Jack and St. Malo oil and gas fields are the deepest installation to date for Nexans' innovative power umbilicals that integrate HV power supply and umbilical functions within a single cable cross-section.*

**Paris, December 11, 2014** –At a water depth of 2,100 metres, the Chevron-operated Jack and St. Malo oil and gas fields are the deepest installation to date for Nexans' innovative power umbilicals that integrate HV power supply and umbilical functions within a single cable cross-section. The Jack and St. Malo fields are located within 25 miles (40 km) of each other approximately 280 miles (450 km) south of New Orleans, Louisiana. The project comprises of three subsea centres tied back to a hub production facility with a capacity of 170,000 barrels of oil and 42.5 million cubic feet of natural gas per day.

Nexans' specialised cable and umbilical manufacturing facilities in Halden, Norway, have designed and manufactured the 42 km power umbilical for the two fields in two separate lengths.

The power umbilical is an innovative design pioneered by Nexans that integrates the functions of power cables and umbilicals in a single cable, enabling a high-voltage (HV) supply to be provided for deepwater projects. A power umbilical includes a number of steel tubes as well as fiber optic elements and signal cables for control and monitoring purposes. By eliminating the need to transport and install a separate power cable, and a control umbilical, the power umbilical significantly reduces transportation and installation costs.

The design of this complex power umbilical, capable of operating at a water depth of 2,400 meters, and with a design life of 30 years, has required an experienced multi-discipline engineering team to meet the many technical challenges. The two power umbilicals were successfully manufactured and delivered on a transportation barge to a storage location in Mobile, Alabama. The two power umbilicals were successfully installed in July, 2014.

*"It has been a pleasure to work with such professional engineers, both from Nexans and Chevron, whose dedication and teamwork has been the key to a successful project",* says Project Manager David Rasmuss of Nexans

## About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low -environmental- impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

For more information, please consult: [www.nexans.com](http://www.nexans.com)

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