



Press Release

Nexans' DEH system to be utilised in Shah Deniz project

The world's largest ever DEH systems contract forms part of Nexans' 10-year global frame agreement with BP to supply cables and umbilical systems for deep-water projects

Paris, March 27, 2014 –Nexans' Direct Electrical Heating (DEH) cable systems will be installed to help in maintaining the reliable flow of products from the Shah Deniz field, located in the Azerbaijan sector of the Caspian Sea.. The world's largest DEH project to date will see Nexans deliver a total of 130 km of the cable system to provide flow assurance for 10 subsea flow lines. The contract is worth approx 100 million Euro.

The DEH systems, including riser cables, piggy back cables and accessories, will be designed, engineered and manufactured at Nexans' specialized subsea cable and umbilicals facility in Halden, Norway. They include a modern integrated protection system (IPS) to protect the sophisticated piggy back cables against damage after installation on the sea floor.

First delivery of the system will take place in July 2014. The second will take place in June 2016.

"This contract forms part of the 10-year frame agreement Nexans concluded with BP to supply umbilical cables, DEH systems, accessories and services for various deep-water oil and gas projects across the globe," says Krister Granlie, Vice President, Hybrid Underwater Cables Division, Nexans Norway. "It represents further recognition of the key role that our state-of-the-art DEH technology can play in providing reliable and environmentally friendly flow assurance. We have already performed several pre-studies in cooperation with BP regarding the application of DEH systems across the Shah Deniz field."

Direct electrical heating (DEH)

DEH is a technology for flow assurance, developed to safeguard the wellstream flow through the pipeline to the platform. Alternating current (AC) transmitted from the DEH cable runs through the steel in the pipe, which heats up due to its own electrical resistance. This allows the pipeline to be operated in a cost efficient and environmentally safe manner.

By controlling the current, the pipeline inner wall can at all times be maintained above the critical temperature for wax and hydrate formation. As a result, problem free and reliable transportation is achieved. Traditional methods for flow assurance, by the use of chemical treatments and pressure evacuations, have considerable operational costs with long down times and may present a risk to the environment.

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

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