

## ABB to provide power and automation solutions for new Angolan oil field

**Malaysian offshore vessel company Bumi Armada Berhad has selected ABB to supply reliable electrical and automation systems to Eni FPSO vessel in deep water off Angola's coast**

Zurich, Switzerland, June 15, 2015 – ABB, the leading power and automation technology group, has won an order from offshore services provider Bumi Armada Berhad to supply electrification and automation systems for a floating production, storage and offloading (FPSO) vessel for a recently discovered oilfield off the coast of Angola. The order was booked in the first quarter.

Bumi Armada, an international offshore services provider based in Malaysia, is building the FPSO by reconfiguring the former Armada Ali supertanker (now renamed the Armada Olombendo FPSO), which has a storage capacity of 1.8 million barrels. The Italian energy company Eni is chartering the vessel.

It will be positioned over the Cabaça North and Cabaça Southeast fields, about 350 kilometers northeast of Luanda, and producing up to 80,000 barrels a day by the end of 2016. With fields so far off shore and 500 meters below the ocean's surface, the vessel will control the entire extraction process, storing oil and gas until they can be offloaded to shuttle tankers.

To enable and monitor safe and reliable operations, ABB will deliver complete e-house solutions - which house medium voltage and low voltage switchgear - and systems for integrated electrical distribution, control, safety and power management, including ABB's 800xA distributed control system.

"FPSO vessels offer a competitive solution for the development of deep water and remote oil and gas fields, such as those in the West of Africa. We are pleased to contribute to Bumi Armada Berhad's latest FPSO project to ensure safe and reliable floating production," said Stein Guldbrandsoy, ABB's Global Market Segment Manager for Floating Production Units.

"We aim for long-term partnerships with customers through successful project execution, innovative offshore technology and an extensive service footprint," said Per Erik Holsten, Managing Director for ABB's Oil, Gas and Chemicals business.

ABB's systems will distribute and manage power necessary to inject 120,000 barrels of water a day into the reservoir and to compress up to 120,000 million cubic feet of natural gas.

This order is the fourth collaboration between ABB and Bumi Armada, the fifth largest FPSO supplier in the world. Past projects include a modular e-house package for FPSO vessels operating off India's west coast, the Kraken oil field in the North Sea and a complete automation package for an FPSO vessel operating in the Balnaves oil field off western Australia.

Eni is the concessionaire of the Cabaça fields, which were discovered in 2009. They're estimated to have a capacity of some 230 million barrels. The total value of Bumi Armada Berhad's contract to supply, operate and maintain the FPSO is about \$2.9 billion.

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# Press Release



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