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ABB secures $120 million order to power Jansz-Io Compression project

ABB appointed by Chevron Australia and Aker Solutions to provide power from shore and subsea long step-out to Jansz-Io field.

ABB has won an order worth approximately $120 million to supply the overall Electrical Power System (EPS) for the prestigious multi-billion-dollar Jansz-Io Compression (J-IC) project. The order, comprising contracts with Chevron Australia Pty Ltd and with Aker Solutions, is booked in Q3 2021.

The Jansz-Io field is located around 200 kilometers offshore the north-western coast of Australia, at water depths of approximately 1,400 meters. The field is a part of the Chevron-operated Gorgon natural gas project, one of the world's largest natural gas developments. The J-IC project, which moves gas from the deep seas to shore, marks only the third time that world-leading subsea compression technology is being deployed globally and the first time outside of Norway[1] where ABB is also responsible for providing the EPS. The project will involve the construction and installation of a 27,000-tonne (Topside and Hull) normally unattended floating Field Control Station (FCS), approximately 6,500 tonnes of subsea compression infrastructure and a 135km submarine power cable linked to Barrow Island.

"The Jansz-Io Compression project is a major enabler in maintaining an important source of natural gas to customers in Asia Pacific. It will support energy transition across the region where many countries primarily rely on coal for energy generation," said Peter Terwiesch, President, Process Automation at ABB. "Burning natural gas produces around half as much carbon dioxide per unit of energy compared with coal. We're proud to be leading the way in the global energy industry by pioneering innovative subsea power technologies that bring us closer to a carbon neutral future. This project reflects our close collaboration and trusted subsea history with Chevron and Aker Solutions."

"This is a very important project for us as it supports our commitment to enable lower-carbon oil and gas production and develop renewable solutions to meet future energy needs. We are pleased to once again be joining forces with ABB to take subsea solutions to the next level and accelerate the transition to sustainable energy production," added Maria Peralta, Subsea Executive Vice-President at Aker Solutions.

ABB will provide the majority of the electrical equipment, both topside and subsea, for J-IC. The project will combine two core ABB technologies – power from shore and Variable Speed Drive (VSD) long step-out subsea power – for the first time. The electrical system will be able to transmit 100 megavolt-amperes over a distance of approximately 140 kilometers and at depths of 1,400 meters.

The contract was awarded following concept development and a front-end engineering and design (FEED) study. Work will start immediately and the subsea compression system is expected to be in operation in 2025.

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to

drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

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[1]The Åsgard and Gullfaks fields in Norway were the first to use subsea compression technology.