

Siemens to modernize full drilling-drives package and cooling system on jackup rig for Arabian Drilling Company

- **First-of-its-kind drilling rig project will implement customized BlueDrive™ system to replace obsolete system**
- **New system will use existing footprint, cabling and communication points for greater safety and quick commissioning**

Siemens was awarded a contract by Arabian Drilling Company to modernize a complete and integrated drilling-drives lineup, including auxiliaries and controls, that will be installed on an offshore jackup drilling rig for a customer in the Middle East. In addition to new features and benefits, the upgrade will also enable the customer to meet the latest safety standards. Delivery of the new system is planned for the early part of 2021.

The contract includes engineering, design, manufacturing, and delivery of the fully integrated modernization based on Siemens' BlueDrive™ technology. The Siemens solution, known as Master2Blue, will use the footprint, cable network, and communication principles of the existing system, enabling quick, modular-style installation, commissioning, and startup. The system is a DC power grid that includes power electronics, controls, and cooling of 10 integrated variable speed drives.

The BlueDrive system, developed and refined over the years to meet the offshore industry's demanding requirements, is ideal for energy distribution in propulsion and drilling systems. The BlueDrive system is an efficient, environmentally friendly multi-drive solution that provides high levels of reliability, availability, and ease of service, with low emissions and an option for remote support.

Other modernization solutions are also available that include Siemens' fully integrated, state-of-the-art energy storage systems.

“As the reactivations of stacked and un-utilized drilling rigs are increasing, Siemens stands fully ready to modernize offshore rigs and ships to make them safer and more energy efficient,” said Thomas Steenberg, Siemens Offshore Solutions, Business Development Director. “By using the latest drilling and propulsion drives technology, customers can assure their rigs and ships remain at the highest level of supportability for many years to come.”

In addition to BlueDrive and Master2Blue solutions, Siemens Offshore Solutions provides customers with reliable, safe and environmentally friendly answers to their electrification, automation, and digitalization needs.



Above: Siemens' BlueDrive™ technology is one of several solutions that Siemens can offer in the offshore energy mix for better safety and lower emissions and thus help customers achieve their sustainability goals.

This press release and press picture are available at <https://sie.ag/2SIENDw>

For further information on Siemens' **BlueDrive and other technologies**, visit www.siemens.com/oil-gas

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet at www.siemens.com.