

## ABB to supply propulsion transformers to leading Chinese shipbuilder

### Reliable, efficient and compact ABB dry-type transformers for low-emission electric propulsion

Zurich, Switzerland, Aug.7, 2013 - ABB, a global leader in power and automation technology has been selected by Fujian Mawei Shipbuilding Ltd. in China, to supply 24 dry-type propulsion transformers, for installation in 12 diesel-electric powered offshore platform supply vessels.

The 2,300-kilovolt ampere (kVA) 480-volt dry-type ABB propulsion transformers will be built at the company's Trasfor facilities. ABB acquired Trasfor Group, a leading manufacturer of dry-type transformers and inductors for low-voltage and medium-voltage applications.

Compact dry-type transformers offer high efficiency and reliability due to fewer moving parts, as well as lower noise levels and weight. They provide electrical propulsion systems with power, helping to reduce carbon emissions at sea, and also improve operational accuracy during critical maneuvers.

"ABB's oil-free dry-type transformers are a safe, reliable, cost-efficient and environmentally friendly technology, which makes them ideal for applications such as onboard ships, where space is limited", said Markus Heimbach, head of ABB's Transformers business, a part of the company's Power Products division. "These transformers also minimize noise levels and eliminate contamination and fire risks"

There is a growing demand for dry-type transformers that use materials such as resin for insulation instead of oil, making them less flammable and reducing their environmental impact.

Fujian Mawei Shipbuilding Ltd. was founded in 1866, and in addition to being one of the oldest shipyards in China is also the largest shipbuilding and ship-repair base in south-east China. Located in the Fuzhou Economic and Technical Development Zone, the company specializes in oceangoing vessels, marine engineering and ship repairs, and is a leading builder of offshore support vessels.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 145,000 people.

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