

Alcad Vantex New Generation batteries to provide maintenance-free backup power on BP's Clair Ridge platform



December 4th, 2013 – Alcad, world-leading supplier of battery systems for standby power, is supplying nine of its maintenance-free Vantex New Generation battery systems to backup vital control and safety functions for BP's Clair Ridge platform, the second phase of the giant Clair oil field, currently under development to the West of Shetland.

Clair Ridge is a \$7 billion investment in the second phase of development on the Clair field which lies 75 km to the west of the Shetland Islands. It will have the capability to produce an estimated 640 million barrels of oil over a 40 year period, with peak production expected to be up to 120,000 barrels of oil per day. The project will comprise two new bridge-linked platforms, as well as new pipeline infrastructure to connect to processing facilities on Shetland.

In August 2013, BP confirmed the safe installation of the Clair Ridge platform jackets. The next major milestone is the installation of the topsides, where the Alcad backup power systems will be fitted. This is scheduled for 2015, with production expected to commence in late 2016.

The key requirement in specifying the backup battery systems for Clair Ridge was to optimize their total cost of ownership (TCO). Compared to lead-acid batteries, the Vantex nickel-cadmium battery chemistry offers an exceptionally long and predictable service-life of up to 20 years, with no risk of 'sudden-death' failure. Under normal operation, the Vantex New Generation design is completely maintenance-free, with no requirement for routine topping-up with water. The batteries are also easy to handle and install.

The Vantex new Generation backup power systems for Clair Ridge have capacities ranging from 245 Ah to 540 Ah. In the event of a loss of the main power supply, they will provide enough power for operatives to restore power or close down the platform's operation safely.

About Alcad

Alcad (www.alcad.com) has long been recognized as one of the world's leading suppliers of standby power thanks to its extensive range of battery types, all designed to deliver power, safety and reliability. Alcad's unrivaled advantages: reliable cutting-edge technology products, global reach of services, uncompromising focus on quality and over a century of experience. Alcad makes the essential task of sizing, ordering and installation easy. Whatever your location, the friendly and responsive after-sales service, the reliable products and Alcad's motivated and enthusiastic team support you from the start with an uncompromising focus on quality. Alcad's production sites benefit from over a century of knowledge and experience in nickel-cadmium battery production to supply today's global advanced technology battery market.

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