Brand new NMEA 2000® DC Monitor provides battery information over network

Offshore Systems continues to broaden its range of NMEA 2000® Digital Sensors to provide information about battery and DC devices over the NMEA 2000® network with the introduction of its new 3410 DC Monitor.

The 3410 uses the latest techniques and software to accurately measure and report battery voltage, battery current, battery temperature and state of charge to any display or control unit enabled to receive this information.

The leading UK manufacturer of NMEA 2000® digital vessel monitoring and control products has designed this compact unit to be either panel mounted or din rail mounted. It is fully NMEA 2000® certified.

The Offshore Systems 3410 DC Monitor keeps a track of current, voltage and battery temperature even when the NMEA network is powered off so the battery condition is always being monitored and is reported when the network is next powered on.

The current sensing is done by either a latest state-of-the-art Hall Effect 200 Amp DC Current Transformer simply placed around the conductor or by two stages of shunts for currents up to either 500 Amps or 1200 Amps for larger vessels.

The connections to the sensors are made via boat builder preferred WAGO Cage Clamp terminals which allow either solid or multi-stranded wires to be connected quickly and securely and are much more secure than screw terminals which can vibrate loose over time.