Offshore Systems introduces new NMEA 2000®
Rudder Angle Adaptor

Taking yet another step to broaden its range of accessories which provide information via the NMEA 2000® network, Offshore Systems has launched a new NMEA 2000® Rudder Angle Adaptor, which provides split second accurate rudder position information.

The Rudder Angle Adaptor, which is suitable for all types of vessels, can be fitted to a standard resistive rudder angle sender which senses rudder movements and sends the data to the Rudder Angle Adaptor which updates the NMEA 2000® network 10 times a second. The immediate up to date information can be read on any suitable data display unit connected to the network.

The Offshore Systems 3165 Rudder Angle Adaptor is the first of its kind not to need calibration and in addition, instead of a complicated set up menu, it features just a simple switch for device setting—that is, identifying itself to a data display system where there are a number of sensors or senders transmitting information over the same system.

The greatly simplified installation features are expected to appeal to boat builders around the world. In fact the development of the Rudder Angle Adaptor has been driven as a result of customer demand for a single wire system with no need for any calibration.
During set up the rugged unit is fully waterproof to IP67 and has a red port and green starboard LED which flash to indicate the unit is transmitting the appropriate rudder position. The mechanical set up of the rudder angle sender is greatly simplified by setting the rudder amidships and then adjusting the linkage to the sender until both LEDs illuminate when the sender is also at midships.

“With no complicated display menus to toggle through, and such simple installation requirements we are already receiving orders for the new Rudder Angle Adaptor,” comments Bruce Coward of Offshore Systems.

Offshore Systems has recently produced a number of market leading sensors and displays for use over the NMEA 2000® network. The Rudder Angle Adaptor allows both European and American standard resistive rudder angle senders to transmit their rudder position over the NMEA 2000® network.