

For Immediate Release

Wireless NMEA 2000 engine interface provides gauge viewing via Laptops, PC, iPad, iPhone, Android, Blackberry, Smart Phones and SeaGauge displays, without license fee's

Brookings, Oregon — Dec 15, 2010

Chetco Digital Instruments has introduced a web based NMEA 2000 and analog viewer with data log capability. This new line of Wireless NMEA 2000 interface modules allow vessel operators to view live NMEA 2000 and analog engine information on iPhone, Android, Blackberry or other Web enabled devices. The WiFi option can be purchased stand alone or integrated into the SeaGauge line of digital gauges and switches. The SeaGauge™ Wi-NET module allows all the digital and analog data that is streaming through the NMEA 2000 network to be sent to the onboard computer or routed to the Chetco Digital internet server where it can be accessed by authorized secure web browsers for real-time data display. The secure information can be accessed over the internet via any internet enabled device such as Smart phones and Laptops. Based on Active Research NGT-1 NMEA 2000 interface technology, embedded Wi-Fi antenna module, and SeaGauge firmware the SeaGauge™ Wi-NET interface connects directly to the NMEA network or to any SeaGauge Remote Instrumentation unit. This module allows for license free viewing of vessel engine data equal to the data viewed on helm station displays and any other data on the NMEA 2000 network. This data can be stored on vessel based servers or sent via internet to Chetco Digital Servers for real-time viewing. Data can also be logged and viewed onboard or over the internet anywhere in the world. “We have made wireless gauge viewing, data access and storage as easy as a smart phone and webpage” states Joe Burke CTO. “We have taken existing Open Source Web technologies and adapted them to everyday marine applications.” Burke continued.

Analog vessel data is collected with SeaGauge™ Remote Instrumentation units, converted to NMEA 2000 and joins the NMEA 2000 bus to interface directly with popular Marine Sonar/GPS units like Lowrance, Garmin, Raymarine, and others. SeaGauge Remote™ is a stand alone sensor unit that connects directly to engine senders and provides digital instrumentation for up to three engines in one unit. Functions include tachometers, fuel flow, temperatures, boost pressures, oil pressure, exhaust gas temperatures, charging voltage, amps, fuel levels, trim, and 12 indicator lights showing open or closed circuits. SeaGauge™ converts up to 16 analog signals into NMEA 0183/NMEA 2000 format for broadcast to remote displays or PC over serial or USB interfaces. Built-in user defined sensor calibrations allow the unit to be used with a wide variety of existing engine combinations.

“Combining the NMEA 2000 option to the SeaGauge Remote™ unit, then adding wireless server technology provides a very cost effective solution for converting existing engine packages to full color digital instrumentation display over a wide range of viewing options” said Steve James, President of Chetco Digital. “Other modular NMEA 2000 instrument options only provide a few functions with multiple devices required to form a complete system. Competitors modules require significant extra hidden costs adding \$100's extra per node.” he added. The

SeaGauge Remote™ unit provides multiple engine gauges in one unit, saving hundreds or thousands of dollars. Individual High/Low alarms can be programmed for each gauge with both audio and visual indicators. SeaGauge allows customers to add remote switching of up to 12 circuits with the company's SeaSwitch™ relay module allowing control of electronic devices and keyless starting

Many manufactures now offer limited digital gauge options on newer GPS/Sonar units. SeaGauge™ Remote provides the interface between raw engine parameters and the NMEA 2000 protocol. The wireless option then allows this data to be available to all wired or wireless viewing media. "Adding the SeaGauge Wi-NET now allows the analog and NMEA0183 engine data onto the NMEA 2000 bus so other units can share and display the information" Burke stated. One example for such a system includes the HDS sonar/GPS units from Lowrance. The digital gauge screen on the Lowrance HDS allows users to select from engine tachometers, fuel levels, temperatures, and other parameters supplied by the SeaGauge™ Remote unit. One other recent advancement in the company's portfolio is the ability to view Airmar weather station information wirelessly. "Imagine being on vacation and using your iPhone to view the weather station data, fuel level, bilge status, battery condition and basically any other data on your vessel" stated Mr. James.

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The SeaGauge™ Wi-Net is bundled with the company's vDash software program which allows users to customize the unit by picking from a selection of graphic display options and arranging one of several pages quickly accessed via the touch panel interface. vDash provides for sensor calibration thereby allowing the system to fit into virtually any application.

Pricing starts at \$495 for the base unit, no additional licenses needed. Other configurations and network options are also available.

For more information or to purchase Wi-Net, SeaGauge™ and other Chetco Digital Instruments products see our web site at www.chetcodigital.com, email sales@chetcodigital.com or call 1 541 469 4783.

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Wireless NMEA 2000 Engine and marine equipment interface unit bridges analog sensor data onto NMEA 2000 bus to provide upgrade path for older diesel and gasoline engines including iPhone, Android, Blackberry. Supports dual engine configurations and separate color display panels for full instrumentation in a single unit. PC/USB/ISP interface port allows viewing both analog gauges and NMEA 2000 data with hi-def color customized gauge panels.