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Web enabled NMEA 2000 Instrumentation and vessel monitoring package to be featured at the 2013 Seattle Boat Show

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Chetco Digital Instruments will be demonstrating its latest instrumentation software for the SeaSmart line of marine network gateways featuring user designed gauges for most vessel data. **netGauges™** is a browser based package that accepts NMEA 2000 data directly from any SeaSmart adapter and renders the information into realtime graphical displays on devices such as iPads, smart phones, and Windows or Android tablets. Vessel data can also be accessed from the company's Internet based cloud servers for live or historical analysis.

At the core of the new firmware release is a JAVA based graphics engine that creates animated gauges from live vessel data with user specified parameters for face styles, layouts, colors, labels, and more – allowing for a truly user defined interface. Individual gauges can be instantly programmed to display from a large number of possible vessel NMEA 2000 data parameters (PGNs) including engine, fuel, battery, weather, navigation, and others. Simple drop-down menus make customization quick and easy. The new JAVA graphics engine is compatible with most Browser platforms and utilizes local processing power for high definition animations and renderings.

netGauges™ leverages the advanced technology in today's Web Browsers to provide global access to vessel data with minimal setup and configuration. **netGauges™** Web content is stored on each SeaSmart adapter's embedded Web Server and is directly accessed via URL address. Once loaded on a user's local device, **netGauges™** will continuously request NMEA 2000 data from the SeaSmart Gateway and create live animated gauges. **netGauges™** can also be hosted on internet cloud servers and used to display vessel data pushed up from SeaSmart adapters using local marina hotspot services, thus allowing global remote access and analysis.



“netGauges provides connectivity and cross platform compatibility not found in other commercial systems” says Joe Burke CTO for Chetco Digital Instruments. “By using Browser technology customers get a familiar interface and larger choice of devices for vessel monitoring” he added when referring to newer tablets and android platforms. Another benefit is the Open Platform approach which allows third-parties to easily adopt the standard into new applications such as charting, trend analysis, performance analysis, and maintenance.

While primarily focused on vessel NMEA 2000 data, **netGauges™** is also compatible with the company’s Analog Gateways that convert older analog sensors into the NMEA 2000 protocol thus allowing for Engine parameters such as Temperature, Oil Pressure, Tachometer, fuel, and others to be displayed on the new graphic interface. A simple dual engine package can be easily monitored using a single SeaSmart Analog Gateway (AGW) with no other required protocols. Each gateway would have its own internet address and individual **netGauges™** configuration for distribution throughout the vessel.

netGauges™ can be seen in the Anacortes Marine Electronics booth (#2402) at the Seattle Boat Show January 25 through February 3, 2013. Representatives from Chetco Digital Instruments will be on hand to answer questions and go over the many features of the new on-line instrumentation package. Anacortes Marine Electronics is a premier Systems integrator in the Pacific Northwest with expertise in designing and installing NMEA 2000 instrumentation and display systems for vessels large and small. Their staff of certified NMEA 2000 technicians are a perfect match for assisting customers with installation of SeaSmart and SeaGauge vessel monitoring packages.

netGauges™ is included at no charge with all SeaSmart.net adapters. SeaSmart.net products are available directly on-line at www.seasmart.net and www.digitalmarinegauges.com. Fee based cloud server access is available for data storage and post processing/analysis. Pricing starts at \$495 for Ethernet and \$625 for the basic WiFi unit. Volume and kit pricing is also available.

For more information and a live demo of **netGauges™** go to www.netGauges.net and for SeaSmart.Net™ visit www.seasmart.net. For SeaGauge™, and other Chetco Digital Instruments products, and where to buy, see our web site at www.digitalmarinegauges.com, email sales@chetcodigital.com or call 541 469 4783. For vessel electronics Engineering and Installation in the Northwest visit Anacortes Marine Electronics at www.anacortesmarine.com

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