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## **FURUNO INTRODUCES THE COMPLETE HELM SOLUTION**

Furuno's complete helm solution offers boat owners and captains the ability to create their own network of products under one commercial brand known for reliability and performance. In fact, the Furuno complete helm solution is based on the standard electronics package that the United States Coast Guard has for all of their patrol and rescue fleet. They chose this package based on Furuno's ease of integration, operation and robust commercial construction.

The heart of the complete helm is a NavNet® Radar/Chart Plotter system, which has won the National Marine Electronics Association's (NMEA) awards for Best Integrated Navigation System and Best Recreational Radar for the past two years. Depending on the size of the helm, a single display or multiple displays can be installed. When multiple displays are installed, they are connected utilizing a high speed Ethernet network, much like the networks used in most professional office environments. Additional network components, such as a Network Sounder or Weather Fax can also be added for more features. Some NavNet units are capable of providing external video input and output for viewing camera's, DVDs or to output the Radar and Chart information to a larger monitor.

The second key component of the complete helm solution is Furuno's new NavPilot® Autopilot series. These revolutionary autopilots feature an unparalleled "Adaptive" technology that allows them to quickly adapt to a vessel's steering characteristics and continue to improve the vessel's steering during every voyage. They are loaded with features not found on other autopilots such as the Advanced Auto Mode, which memorizes the vessels GPS Lat/Lon (when connected to a GPS receiver), speed and heading. The NavPilots then create an internal "Go To" destination and maintain a highly accurate and stabilized course over ground without being affected by wind, waves or current. Other unique features, like the FishHunter mode, guides the vessel in an orbit, figure eight or spiral maneuver around fish targets, wrecks, MOB or other points of interest when interfaced with the NavNet. You can mix and match up to six NavPilot control heads in any system.

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The GP37 DGPS/WAAS navigator is an excellent addition to the complete helm solution. This compact unit was recently voted the Best GPS/DGPS/WAAS Receiver by the NMEA. This hybrid DGPS/WAAS navigator displays vital navigation data on a 4.5” Silver Bright LCD and is a perfect DGPS/WAAS source to feed into the NavNet and NavPilot. If DGPS is not needed, the GP32 GPS/WAAS receiver is also available.

When cruising through any channel or waterway, knowing the exact depth is crucial to safely navigating the vessel. Furuno’s RD30 Digital Depth and Temp sensor is the perfect tool to give that accurate reading. Utilizing an optional 235kHz Smart Sensor, the RD30 gives depth readings in water as shallow as 2 feet, temperature changes as minor as 0.02 degrees, and accurate speed through water. When other NMEA sensors are connected, it acts as a navigational repeater and allows you to create custom informational displays. This little wonder was voted Best Instrumentation by the NMEA.

The final piece to the complete helm solution is the new FM3000 VHF Radio with Digital Selective Calling (DSC) capability. This waterproof and easy to operate unit features a backlit LCD display with large function keys. It has built in DSC with an independent distress switch that can transmit a formatted distress alert with the vessel’s position and time. An optional Second Station Control Mic, FM3010, is available and is the perfect compliment to the FM3000. By adding the FM3010, all available functions of the FM3000, except for DSC operation, can be controlled from remote locations, such as a fly bridge or deck.

By installing and networking all of these individual pieces together, you can now have one complete electronic navigational solution. To make it even easier to layout the design of the helm and where each piece should be mounted, Furuno has created a Helm Planning Kit. This kit consists of actual size static cling images of all the products mentioned above and more. This Helm Planning Kit will allow you to place the electronics on the dash and move them around so that you can see how the helm will look after the equipment is installed.

For more information on the complete helm solution or any product in Furuno’s full line of marine electronics, contact: Furuno U.S.A., 4400 N.W. Pacific Rim Blvd., Dept. P, Camas, WA 98607. Phone: (360) 834-9300. Fax: (360) 834-9400. [www.Furuno.com](http://www.Furuno.com)

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