Wave WiFi Launches Marine Broadband Router

Hollywood, Florida, USA – GEOSat Solutions, manufacturers of the Wave WiFi product line, announced the launch of a Marine Broadband Router to facilitate switching between multiple broadband sources aboard vessels.

According to Richard McLaughlin, GEOSat’s Vice President of New Product Development, “Today it is quite common for a vessel to have multiple options available for Internet access. These include Satellite (VSAT or Fleet Broadband), cellular and WiFi (preferably Wave WiFi). Up until now, the options for switching between these sources have been limited and expensive. GEOSat Solutions is addressing this challenge with the development of the new Marine Broadband Router.”

The Wave Marine Broadband Router is the central control element for a robust Internet communications system. It is easy to use with no special skills necessary. And, like all Wave WiFi products, the Broadband Router’s web-based functionality is built-in – there is no software to install.

McLaughlin says, “One of the most common questions I am asked by our dealers is, ‘How can I setup the customer’s network to use satellite and cellular in addition to Wave WiFi?’ Until now, my suggestion has been an expensive and complicated switching system or setting up a network server with multiple NIC cards and special software. With the Marine Broadband Router, both my job and the dealer’s installations are much easier. The Broadband Router makes it easy to configure these multiple connections without special training.”

McLaughlin went on to say, “In the uncomplicated setup menu, choose an Internet connection best suited to the boat’s location or bandwidth requirements. Select your Wave WiFi EC unit, the USB cellular data connection or satellite broadband. If the preferred connection loses
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Internet access, the Broadband Router’s ‘Auto Failover’ mode seamlessly connects you to the next available source. The Auto Failover feature adds redundancy and improves reliability.”

The Marine Broadband Router can accommodate up to two 3G/4G wireless ‘dongles’ for Internet connection via cellular networks. Single or multiple Wave WiFi connections are easily monitored using the standard Wave WiFi EC-Series functionality. VSAT and Fleet Broadband connections are password protected and have an optional shut-off timer/counter to prevent unauthorized access.

The Wave Marine Broadband Router will be introduced at the upcoming International WorkBoat Show in New Orleans, Louisiana, November 30th – December 2nd. Production models are scheduled to be available from leading marine electronics dealers in February.

About GEOSat Solutions

GEOSat Solutions (www.geosatsolutions.com) is a manufacturer and systems integrator for the marine industry, specializing in technical communications solutions. Founded in 1994, the company’s total focus was on the emerging direct broadcast satellite services. GEOSat’s unique Marine-Sat® antenna provided reliable satellite television reception while at the dock with a lightweight, portable sixteen-inch dish. In 1996, GEOSat Solutions developed a horizontally integrated, dual mode dish antenna that combines DBS television with L-Band satellite communications services utilizing two different satellites.

In 2006, GEOSat Solutions was awarded a US patent for its satellite based tracking and monitoring service called SeaTrac®. With SeaTrac, a vessel’s position is pinpointed, tracked and the statuses of on-board systems are remotely monitored through an Internet connection. The technology is currently licensed to Faria Watchdog, Inc. (www.fariawatchdog.com)

Today, GEOSat’s primary focus is Wave WiFi (www.wavewifi.com) Internet access for vessels and marine facilities worldwide. Wave WiFi’s seven Onboard WiFi models provide vessel operators with easy to use, long-range Internet access from shore-based ‘HotSpots.’ Wave WiFi Connex offers wireless instrumentation links for recreational and commercial vessels as well as marina operations.

GEOSat is a manufacturer member of the National Marine Electronics Association.

For more information about Wave WiFi’s broad range of products visit www.wavewifi.com or email info@wavewifi.com.