



KVH Introduces TACNAV 3D Inertial Navigation System with Embedded GPS/GNSS

June 16, 2014

The Fiber Optic Gyro-Based System Joins KVH's Established TACNAV Family and Provides Integrated Navigation and Pointing for Battlefield Vehicles

MIDDLETOWN, R.I., June 16, 2014 (GLOBE NEWSWIRE) -- KVH Industries, Inc., (Nasdaq:KVHI) is introducing TACNAV[®] 3D, a highly accurate inertial navigation system designed for battlefield vehicles, today at Eurosatory 2014, an international defense and security industry trade show in Paris, France. The TACNAV 3D system is the latest product in KVH's TACNAV line of tactical navigation systems, and will be on display in the KVH booth (Stand J531, Hall 6) at Eurosatory through June 20th.

The fiber optic gyro-based TACNAV 3D inertial navigation system provides full three-dimensional navigation and an embedded GNSS. Its modular tactical design and flexible architecture allow it to function as either a standalone inertial navigation solution or as the core of an expandable, multi-functional battlefield management system. It is designed to provide navigation for light armored vehicles, both wheeled and tracked, medium and heavy combat vehicles, and main battle tanks.

The TACNAV 3D system is fitted with an Iridium[®] transceiver to transmit and receive vehicle position, waypoint, and target location to or from a command center or other vehicles, and can receive messages from the battlefield management system to pass on to the command center via the Iridium short duration burst message function. TACNAV 3D can also receive and transmit Ethernet and CANbus signals, and RS-422.

"For military vehicles operating on the modern digital battlefield, this completely modular package is a vital component for effective battlefield management," says Dan Conway, KVH executive vice president for Guidance & Stabilization sales. "It is affordable, lightweight, and easy to integrate with any number of existing vehicles, both turreted and non-turreted. With a built-in communications option, TACNAV 3D is designed for short duration burst messaging, which can make a life or death difference to a soldier."

TACNAV 3D builds upon the success of KVH's TACNAV family of products, and incorporates the 1750 IMU, which combines 3 axes of KVH's compact high accuracy DSP-1750 fiber optic gyro (FOG), with 3 axes of high performance MEMS accelerometers. The TACNAV 3D system is designed to provide extremely accurate heading, dead reckoning, navigation, orientation, and 100% situational awareness in GNSS-denied environments.

Note to Editors: For more information, about TACNAV 3D, please visit www.kvh.com/TACNAV3D. High-resolution images of KVH products are available at the KVH Press Room Image Library, www.kvh.com/Press-Room/Image-Library.

About KVH Industries, Inc.

KVH Industries is a premier manufacturer of high-performance sensors and integrated inertial systems for defense and commercial guidance and stabilization applications, and is a leader in military vehicle navigation systems having fielded 16,000 TACNAV systems to U.S. customers and more than 20 allied nations in the past 20 years. KVH is also a leading provider of in-motion satellite TV and communications systems, having designed, manufactured, and sold more than 175,000 mobile satellite antennas for applications on vessels, vehicles, and aircraft, and is a leading provider of commercially-licensed news, music, and entertainment content to many industries including maritime, retail, and leisure. KVH is based in Middletown, RI, with research, development, and manufacturing operations in Middletown, RI, and Tinley Park, IL. The company's global presence includes subsidiaries in Belgium, Bermuda, Brazil, Cyprus, Denmark, Japan, the Netherlands, Norway, Singapore, and the United Kingdom.

This release may contain certain forward-looking statements that involve risks and uncertainties. Forward-looking statements include, for example, statements regarding the functionality, characteristics, quality and performance of KVH's products and technology, as well as customer demand, preferences, requirements and expectations. The actual results could differ materially. Factors that may cause such differences include, among others, uncertainties and risks associated with the delivery or performance of critical hardware; potential unanticipated technical impediments; unanticipated declines or changes in customer demand, due to competitive, economic, seasonal, and other factors; delays in customers' qualification processes for our products; changes in military fielding and equipment requirements; lack of reliable vendors; and uneven military sales cycles. These and other risk factors are discussed in more detail in KVH's most recent Form 10-Q filed with the SEC. KVH does not assume any obligation to update its forward-looking statements to reflect new information or developments. KVH and TACNAV are registered trademarks of KVH Industries, Inc. All other trademarks are the property of their respective companies.

CONTACT: Jill Connors
Media & Communications Manager

KVH Industries, Inc.
401-851-3824 ☐
jconnors@kvh.com

[KVH Logo](#)

KVH Industries, Inc.