



## **KVH Introduces New CNS-5000 GPS/IMU Continuous Navigation System**

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Compact CNS-5000 marries high-performance KVH fiber optic gyros and inertial technology with NovAtel's precision GPS in a self-contained navigation package for the commercial market

MIDDLETOWN, R.I., May 7 /PRNewswire-FirstCall/ -- KVH Industries, Inc. (Nasdaq: KVHI), working in close cooperation with leading GPS manufacturer NovAtel Inc., today introduced the CNS-5000, a self-contained navigation system that combines fiber optic gyro (FOG)-based inertial measurement technology from KVH with global positioning system (GPS) technology from NovAtel. This rugged navigation solution affordably provides the precise position and orientation of a host platform on a continuous basis, even during periods where GPS signals are blocked by natural or man-made obstructions or conditions. The CNS-5000 is designed specifically for demanding commercial applications, such as dynamic surveying, precision agriculture, container terminal management, and autonomous vehicle navigation, where the ability to determine the precise position and orientation of a piece of equipment or a mobile platform is critical.

"The new CNS-5000 is a remarkable GPS/IMU solution that is well-suited for a wide array of commercial applications worldwide," explains Dan Conway, KVH's vice president of business development. "The combination of NovAtel's GPS technology with our precision fiber optic gyros and inertial technologies led to an entirely new single-enclosure approach to GPS/IMU systems, saving customers space and weight in their installations without compromising accuracy or performance."

Through its seamless integration of KVH's FOG-based IMU with NovAtel's OEMV(R) GPS precision receiver technology, the CNS-5000 provides a groundbreaking low-cost, small form factor solution for 3-D positioning, velocity, and attitude measurement. The deep coupling of the GPS and IMU technologies within the CNS-5000 optimizes the raw GPS and IMU data, delivering a superior position, velocity and attitude solution. Composed entirely of commercial components and rugged enough to operate in extremely demanding conditions, the CNS-5000 is also designed to meet COTS requirements. This minimizes the operational complexities for customers whose products cross international boundaries.

"NovAtel is excited to be working closely with an innovative partner like KVH Industries to bring state-of-the-art products like this to market. This product extends our portfolio into markets that have been difficult to penetrate with standard two-box GPS/INS solutions, due to high price or complex export controls," said Graham Purves, vice president, sales and marketing for NovAtel, Inc.

For more information about the CNS-5000, please visit <http://www.kvh.com/cns5000> to download KVH and NovAtel's new technical paper, "Performance of a Deeply Coupled Commercial Grade GPS/INS System."

Note to Editors: high-resolution, press-ready images of the CNS-5000 are available at <http://www.kvh.com/press> for download and editorial use.

### About NovAtel

NovAtel Inc. (<http://www.novatel.com>) is a leading manufacturer of precision Global Navigation Satellite System (GNSS) components and subsystems, including receivers, antennas, enclosures and firmware. An ISO certified company, NovAtel's products are developed for efficient, rapid integration into its customers' precise positioning applications. These applications include surveying, Geographical Information System (GIS) mapping, precision agriculture machine guidance, port automation, mining, marine and defense industries. NovAtel Inc. is based in Calgary, Canada, and is part of the Hexagon Group, Sweden.

### About KVH

KVH Industries, Inc., designs and manufactures products that enable mobile communication, navigation, and precision pointing through the use of its proprietary mobile satellite antenna and fiber optic technologies. The company is developing next-generation systems with greater precision, durability, and versatility for communications, navigation, and industrial applications. An ISO 9001-certified company, KVH has headquarters in Middletown, Rhode Island, with a fiber optic and military navigation product manufacturing facility in Tinley Park, Illinois, and a European sales, marketing, and support office in Kokkedal, Denmark.

This release may contain certain forward-looking statements that involve risks and uncertainties. Forward-looking statements include, for example, the functionality, characteristics, quality and performance of KVH's products and technology; anticipated innovation and product development; and customer preferences, requirements and expectations. The actual results could differ materially. Factors that may cause such differences include, among others, those discussed in KVH's most recent Form 10-K filed with the SEC. KVH assumes no obligation to update its forward-looking statements to reflect new information or developments.

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