

**FOR IMMEDIATE RELEASE**

**Contact:** Jill Connors  
Media & Communications Manager  
KVH Industries, Inc.  
401-851-3824  
jconnors@kvh.com

## **KVH Precision Sensors Chosen by Geodetics for Inertial Navigation Systems**

*For centimeter-level accuracy in two of its most advanced positioning and navigation products, Geodetics is using the KVH 1750 IMU*

**MIDDLETOWN, RI – April 16, 2014** – KVH Industries, Inc., (Nasdaq: KVHI), a leading manufacturer of high performance fiber optic-based inertial sensors and gyros has entered into a strategic partnership with Geodetics Inc., a leader in the development of real-time, high-precision position and navigation solutions. The goal is to provide high performance positioning and navigation products for commercial applications requiring high levels of precision, from unmanned platforms to terrestrial navigation.

Geodetics is integrating the KVH 1750 inertial measurement unit (IMU) into two solutions: Geo-iNAV<sup>®</sup> Advanced, a GPS-aided inertial navigation system; and Geo-RelNAV<sup>®</sup>, a high-accuracy relative navigation, positioning, and orientation system. The KVH 1750 IMU provides highly accurate 6-degrees-of-freedom angular rate and acceleration data, contributing to the high performance of the Geodetics products while also providing a commercial off-the-shelf (COTS) solution. The COTS designation means the Geo-iNAV Advanced system is available for commercial applications such as manned and unmanned aircraft and control, security platforms on land, air and sea, surface or subsea unmanned vehicles, mobile mapping systems, and photogrammetry and terrestrial navigation.

“Geodetics evaluated a number of IMU technologies, and based on our desire to address



50 Enterprise Center ▪ Middletown, RI 02842 ▪ U.S.A.  
Tel: +1 401.847.3327 ▪ Fax: +1 401.849.0045

KVH Industries Worldwide: World HQ: United States ▪ EMEA HQ: Denmark ▪ Asia-Pacific HQ: Singapore



the needs of the commercial marketplace worldwide without sacrificing performance, we chose the KVH 1750 IMU, says Dr. Jeffrey Fayman, vice president, planning and development for Geodetics Inc. “With the integration of the KVH 1750 IMU in Geo-iNAV Advanced, you have the best inertial navigation system Geodetics can provide worldwide.” The navigation, position, and orientation accuracy of the Geo-iNAV Advanced is centimeter level, according to Dr. Fayman, thanks in part to the high accuracy of the KVH 1750 IMU.

“KVH is proud to have a strategic relationship with Geodetics,” says Jay Napoli, vice president, FOG/OEM sales at KVH. “The high performance of the 1750 IMU helps enable Geodetics’ systems to deliver ground-breaking accuracy while remaining available to the commercial marketplace.”

For navigation challenges such as collision avoidance and vehicle-to-vehicle navigation and communication (V2V), the Geodetics Geo-RelNAV system offers a highly accurate, real-time relative positioning and orientation solution that utilizes single or dual frequency GPS receivers and the high performance KVH 1750 IMU. The Geo-RelNAV provides precise relative position and orientation between moving platforms such as manned or unmanned air, marine, and ground vehicles. This relative position data is used for such applications as autonomous aerial refueling, autonomous landing, and collision avoidance.

KVH is one of the only fiber optic gyro manufacturers to control the entire production process, from creating its own specially designed polarization-maintaining optical fiber to packaging its gyros together in advanced systems for inertial measurement, inertial navigation, and attitude heading and reference systems. As a result, KVH’s inertial sensors and gyros offer outstanding accuracy and excellent durability at a lower cost than competing systems.

*Note to Editors:* For more information about Geodetics, visit [www.geodetics.com](http://www.geodetics.com). For more information about KVH’s fiber optic gyros and FOG-based inertial products, visit



[www.kvh.com/1750IMU](http://www.kvh.com/1750IMU). High-resolution, press-ready images of the KVH 1750 IMU are available for downloading at the KVH Press Room, [www.kvh.com/press room](http://www.kvh.com/press room).

**About Geodetics Inc.**

Geodetics Inc. is a leader in high accuracy, real-time positioning and navigation solutions. The company was founded in 1999, and is privately held with headquarters in San Diego, CA. Geodetics Inc. develops and markets real-time positioning and navigation solutions for military and civilian applications requiring the highest levels of precision.

**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. The company is based in Middletown, RI, U.S.A., with facilities in Illinois, Denmark, Norway, the U.K., Singapore, the Philippines, Belgium, Cyprus, and Japan.

---

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 annual report on Form 10-K filed with the SEC. KVH does not assume any obligation to update its forward-looking statements to reflect new information or developments.

KVH is a registered trademark of KVH Industries, Inc. All other trademarks are the property of their respective companies.

###