

# Military & Aerospace Electronics



SUBSCRIBE

> e-Newsletters

> Magazines

SEARCH

Search In...



Advanced

advertisement

## From the latest communications networks to new military systems,

Home | Current Issue | Web Exclusives | Products | Webcasts | White Papers | Subscribe | Advertise | Buyers Guide | Events | Links | Industry Jobs

advertisements

### Military & Aerospace Electronics Online Article

## KVH fiber-optic gyro-based inertial measurement units added to U.S. Navy's MK54 torpedoes



SAVE THIS

EMAIL THIS

PRINT THIS

**MIDDLETOWN, R.I., 13 Feb. 2007.** KVH Industries Inc., has received a follow-on order for more than \$2.6 million worth of KVH's TG-6000 inertial measurement units for use in the U.S. Navy's MK54 torpedoes. This is the first of three options associated with a contract originally signed in September 2005, which has a potential value of more than \$15.8 million over the life of the contract. Shipments for this option will extend into 2008.

The KVH TG-6000 IMU measures both rate and acceleration in three axes, critical for the navigation of a torpedo or other platforms.

advertisement

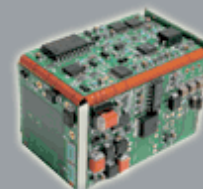
advertisements

**OPTICAL & ELECTRONICS ASSEMBLIES FOR MILITARY & AEROSPACE**

Fiber Optics Gyro



osioptoelectronics.com



**Design to build-to-print**

**MicroTCA for Military Applications Webcast**  
View Archive - Click Here

**Master Bond**

**VITA 41**  
View Archive - Click Here

**LynuxWorks RSC Webcast**  
View Archive - Click Here

**Click NOW to download our ARINC and AFDX Tutorials**

The IMU employs a three-axis configuration of KVH's FOGs, which offer an all-fiber design and patented digital signal processing (DSP) for high reliability, superior accuracy and performance, and exceptional vibration, shock, and acceleration survivability.

In addition to the FOGs, the TG-6000 includes three accelerometers. Together, the integrated IMU provides performance, high reliability, low maintenance, and easy system integration for use in a wide range of applications, including manned and unmanned vehicle navigation and guidance systems for aerial and underwater vehicles.

**Looking for more news and information? Search our archives. Click Here!**

Interested in a subscription to Military & Aerospace Electronics Magazine?  
[Click here to subscribe!](#)

[Return to Previous Page](#)

**avo) photonics**  
Advanced RF & Optical Packaging

Prototype through Production

Advanced Packaging Design & Manufacturing Solutions

**Design:**  
Optical Modeling  
Electrical Modeling including RF  
Thermal & Mechanical Modeling

**Manufacturing:**  
Rapid Prototype  
Prototype  
Volume Manufacturing

**Testing:**  
Optical & Electrical Functional Testing  
Environmental Stress Testing

**Capabilities:**  
Active & Passive Device Assembly  
Multi-Element Optical Assembly  
High Accuracy Die & Component Placement  
Multi-Axis High Precision Assembly Stages  
Laser Welding  
Hermetic Sealing  
Precision Cleaning

**Military & Aerospace Electronics**  
VPX Products Bring Rocket Speed I/O to Military Systems  
**WEBC@ST**

**PennTechJOBS**  
Search Jobs:  
 [Advanced Search](#)  
**Featured Jobs**