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**FOR IMMEDIATE RELEASE**

**Systron Donner Inertial Awarded Add-on  
Mk54 Lightweight Torpedo Contract by Raytheon IDS**

Concord, CA – October 19, 2015 – Systron Donner Inertial (SDI), a brand of Custom Sensors & Technologies (CST), has been awarded by Raytheon’s Integrated Defense Systems a \$5.1m add-on subcontract for FY14 for the supply of a Tactical Grade Inertial Measurement Unit (IMU) integral to the Guidance and Control Assembly (G&C) required for the Mk54 Lightweight Torpedo Program.

The core of SDI’s solution is its COTS SDI500, the industry’s first and only MEMS-based IMU to deliver true tactical grade performance with 1°/hr. gyro bias across full temperature, class-leading 0.02°/√hr. angle random walk, solid < 1°/hr. in-run gyro bias and 1 mg accelerometer bias performance. The compact, low power, high quality SDI500 enables superior guidance and control of the Mk54 Lightweight Torpedo during in-water maneuvers.

“SDI is honored to support the Mk54 Torpedo Program, Raytheon has played a big part in helping SDI achieve the delivery of over 1,000 SDI500 tactical grade IMU’s back in June 2015” said David Hoyh, Director Sales & Marketing for SDI. “SDI’s mission for its growing line of tactical grade products is to deliver superior inertial bias and noise performance in smaller, lighter, more reliable, cost effective product solutions than traditional tactical grade technologies.” Work is to be completed by August 2016.

For further information and specifications on the SDI500, or for information on the complete SDI product line, call +1 925-979-4500, e-mail: [sales@systron.com](mailto:sales@systron.com); or visit us on the Web: [www.systron.com](http://www.systron.com).





**SDI500 Tactical Grade Quartz MEMS IMU Awarded Add-on  
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**About Systron Donner Inertial:**

Systron Donner Inertial (SDI) is the world's leading supplier of Quartz MEMS Inertial Sensing Products and Systems providing precision systems solutions to aerospace, military and commercial aircraft, marine and land vehicular applications. Our products and systems are ideally suited for use by Integrators and OEMs. As a pioneer in the development of Quartz MEMS technology utilizing a tuning-fork design, originally introduced at the heart of the company's renown solid-state quartz MEMS sensor design, SDI is continuously developing leading-edge disciplines with new innovative breakthrough products which are enabling advanced performance in critical military and commercial Guidance, Navigation and Control (GN&C) applications worldwide.

Our experience is built on over half a century of market and technological leadership in supplying our innovative gyroscopes, linear accelerometers, inertial measurement unit and INS/GPS designs to these markets, contributing to both overall performance and establishing standards for excellent price/performance characteristics.

Systron Donner Inertial is brand of Custom Sensors & Technologies (CST).

**About Custom Sensors & Technologies:**

Custom Sensors & Technologies (CST) is a global specialist in designing and manufacturing sensors, controls and actuators.

Through its brands, BEI Kimco, BEI Sensors, BEI PSSC, Crouzet, Crydom, Kavlico, Newall and Systron Donner Inertial, CST offers a wide range of reliable and efficient components dedicated to the Aerospace & Defense, Transportation, Industrial, Medical and Energy & Infrastructure markets.

Through the expertise, diversity and agility of its 4,400 employees worldwide, CST is focused on the satisfaction of its customers. Committed to excellence, with sales of \$590M US in 2014, CST is the dependable and adaptable partner for the most demanding applications.

[www.cstsensors.com](http://www.cstsensors.com)