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**FOR IMMEDIATE RELEASE**

**Systron Donner Inertial Awarded Spearfish Heavyweight Torpedo IMU Contract  
from BAE Systems**

Concord, CA – July 7, 2015 – BAE Systems has awarded a contract to Systron Donner Inertial (SDI), a brand of Custom Sensors & Technologies (CST), for an Inertial Measurement Unit (IMU) integral to the Guidance and Control Assembly (G&C) required for the Spearfish Heavyweight Torpedo Program.

The core of SDI's solution is its SDI500 IMU delivering true tactical grade performance with  $<1^\circ/\text{hr}$ . bias stability across full temperature, class leading  $0.02^\circ/\sqrt{\text{hr}}$ . angle random walk and 1 mg accelerometer bias performance. The compact, low power, high quality SDI500 IMU enables superior guidance and control of the Spearfish Torpedo during in-water maneuvers, plus improved system cost-effectiveness, reduced obsolescence and increased sustainability for BAE Systems.

“SDI is honored to be selected as part of the Spearfish Torpedo Program,” said David Hoyh, Director Sales & Marketing for SDI. “On June 9, 2015 SDI delivered the 1,000<sup>th</sup> SDI500 tactical grade IMU. Now customer's worldwide are experiencing the superior inertial bias and low noise performance benefits of the Quartz MEMS IMU, in a smaller, lighter, more reliable, cost-effective product than traditional tactical grade technologies.”



The contract value is \$2.9 million. Work is to be completed by December 2017.

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).



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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. SDI is a pioneer in the development of Quartz MEMS technology utilizing tuning-fork designs, originally introduced at the heart of the company's renowned solid-state quartz MEMS sensor design. SDI is continuously developing leading-edge technologies applied to 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 angular rate sensors, 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), headquartered in Moorpark, California

### **About Custom Sensors & Technologies:**

Custom Sensors & Technologies (CST) is a specialist in sensing, control and motion products. Through its brands, BEI Kimco, BEI Sensors, BEI PSSC, Crouzet, Crydom, Kavlico, Newall and Systron Donner Inertial, CST offers customizable, reliable and efficient components for mission-critical systems in Aerospace & Defense, Transportation, Energy & Infrastructure, Medical, Food and Beverage and Building Equipment markets.

Focused on premium value offers and committed to excellence, CST, with 4.400 employees worldwide and sales of \$590M US in 2014, is the dependable and adaptable partner for the most demanding customers.