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FOR IMMEDIATE RELEASE

SDI500 MEMS IMU Product Update

Concord, CA – October 12, 2015 - Systron Donner Inertial (SDI), a brand of Custom Sensors & Technologies (CST), announces the release of a significant update to our world class SDI500 digital quartz MEMS Inertial Measurement Unit (IMU). First fielded in 2010, the SDI500 provides tactical grade performances not available in any other MEMS IMU. Now shipping as an 'E' configuration, delivering full temp-range bias performance under 1°/hr and 0.5 milli-g, the SDI500 offers exceptional low ARW (.02°/rt-hr) and VRW (80µg/rt-hz), with extremely robust vibration performance in a compact size, capable of supporting the most demanding navigation, guidance and stabilization applications.

With over 1,000 SDI500 units delivered to customers worldwide, the most recent tactical grade IMU features a major block change focused at increasing yields and reducing cost. The latest 'E' platform is highlighted by a redesign of the sensor housing, providing for complete isolation of the sense element and electronics, thereby dramatically improving long-term bias stability. Additional feature enhancements to the 'E' platform include an improved filter design for reduced data latency, extended bandwidth and a fast startup of <1.0 second, while still retaining the previous form factor, mounting, electrical and software interface specification.

These recent product upgrades offer repeatable, dependable performance unrealized by any other MEMS based IMU product. SDI's proprietary Quartz MEMS technology delivers high reliability and a low total cost of ownership, with no wear-out modes or required calibration intervals. Excellent stability over temperature and vibration with turn-on-to-turn-on bias repeatability over extended periods of use makes the SDI500 particularly well-suited for many tactical systems and delivers a clear SWaPC advantage over alternative technologies. Production units are available now for ordering.





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For further information and specifications on the SDI500, or for information on the complete SDI product line, E-mail: sales@systron.com; or visit us on the Web: www.systron.com. Alternatively, please consult with your SDI Sales and Marketing Manager for product technical information, unit pricing or lead time availability.

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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 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.