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FOR IMMEDIATE RELEASE

SDI500 MEMS IMU Product Update Announced

Concord, CA – July 21, 2011 - Systron Donner Inertial (SDI), a business unit of Custom Sensors & Technologies (CST), announces the release of a significant update to our class leading SDI500 digital quartz MEMS single Inertial Measurement Unit (IMU). Introduced in 2009, the SDI500 offers tactical grade performance not available in any other MEMS IMU. Delivering bias stability performance up to 1°/hr and 0.5 milli-g, exceptionally low ARW ($.02^\circ/\sqrt{\text{hr}}$) and VRW ($80\mu\text{g}/\sqrt{\text{hr}}$), robust environmental performance and compact size, the updated SDI500 brings superior navigation, guidance or stabilization capabilities to your application.

This product update has upgraded the mechanical sensor isolation system, connector interface and improved accelerometer velocity random walk and scale factor error performance while retaining the previous mounting and software interface specification.

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 weapons systems and EO/IR stabilization roles. Production units are available now.



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.



Digital Quartz MEMS SDI500 IMU

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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 GyroChip® 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 & Defence, Transportation, Energy & Infrastructures, Commercial & Industrial OEMs, Medical, Food and Beverage and Building Management markets.

Focused on premium value offers and committed to excellence, CST, with more than 4300 employees worldwide and sales of \$571M US in 2010, is the dependable and adaptable partner for the most demanding customers. For more information, visit www.cstsensors.com