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FOR IMMEDIATE RELEASE

SDN500 MEMS INS/GPS Product Update

Concord, CA – August 16, 2012 - Systron Donner Inertial (SDI), a business unit of Custom Sensors & Technologies (CST), announces the release of a significant update to our class leading SDN500 digital quartz MEMS GPS Inertial Navigation System (GPS/INS). Introduced in 2011, the SDN500 is a platform extension of SDI's proven, tactical grade SDI500 IMU. The modular compact, 25 in³ SDN500 provides for maximum packaging flexibility in dense systems and delivers accuracies to within 1.0 mrad in attitude, 0.1 m/s in velocity and 3.9 meters SEP (spherical error probability).

The SDN500 product update provides enhanced 100Hz position data and faster GPS acquisition and start up time through a newer generation 48-channel Coarse/Acquisition (C/A) Code GPS receiver. The updated SDN500 brings superior navigation, guidance or stabilization capabilities to your application

The SDN500 offers tactical grade performance not available in any other MEMS GPS/INS system integrating SDI's latest generation quartz gyros capable of 0.5°/hr. bias in-run stability and exceptionally low ARW (0.02°/√hr.), quartz accelerometers delivering 0.5 milli-g in-run bias stability and low VRW (80µg/√hr.), plus high speed digital signal into a tightly coupled GPS-aided Inertial Navigation System for tactical navigation and geo-location applications. Production units are available now for ordering.



SDI's proprietary Quartz MEMS technology delivers a low total cost of ownership with no wear-out modes or required calibration intervals. The solid state, low noise quartz sensors, robust isolation system and sealed construction provide for excellent environmental performance across temperature, vibration and shock, yielding a reliable 25,000+hr. MTBF, and a 20 year operating and storage life.

For further information and specifications on the SDN500, or for information on the complete SDI product line, E-mail: sales@systron.com; or visit us on the Web: 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 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 \$660M US in 2011, is the dependable and adaptable partner for the most demanding customers. For more information, visit www.cstsensors.com