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FOR IMMEDIATE RELEASE

New High Shock Tolerant ARS PRO Angular Rate Sensors From Diversified Technical Systems, Inc. (DTS)

DTS ARS PRO is the world's smallest, high shock and vibration tolerant angular rate sensor. ARS PRO is designed for dynamic testing including aerospace, automotive safety, blast and biomechanics.

Seal Beach, CA (August 2013) – Diversified Technical Systems, Inc. (DTS), a global industry leader in the design and manufacture of highly rugged data recorders and sensors, announced the market launch of the ARS PRO series of high performance angular rate sensor for dynamic testing applications.

The ARS PRO is a silicon-based microelectromechanical system (MEMS) that uses a resonating gyro to discern angular rates by measuring deflections in the sensing element that occur when rotational forces are applied. Key advantages include DC response, low power requirements, compact form factor and high shock tolerance.

All models are linear over the rated range and comply with SAE and ISO recommended practices for frequency response in all applications. DTS offers full-scale ranges from ± 300 to ± 50000 deg/sec and bandwidths up to 2000 Hz, fully supporting CFC 180, 600 and 1000 testing requirements. DTS also offers the ARS HG with an impressive 10000 g shock rating, the highest in the industry, which features reinforced mounting points designed to withstand high energy test environments including blast and missile. All models are packaged in compact rugged enclosures and weigh only 2.5 grams. Other features like high output voltage and shunt check capability put the ARS PRO in a class by itself.

DTS ARS mounting blocks offer an easy triax solution. Blocks also include mounting points for three accelerometers to create a six degrees of freedom package. For more information and detailed specifications on the ARS PRO visit www.dtsweb.com

About DTS: Founded in 1991, Diversified Technical Systems, Inc. (DTS) specializes in the design and manufacture of highly rugged data acquisition systems and sensors used worldwide for automotive safety, aerospace, blast and biomechanics testing. A DTS smart helmet sensor that records soldier head forces with the goal of improving soldier safety and reducing traumatic brain injuries was named by the U.S. Army as "One of The Greatest Inventions." DTS has twice been recognized by Inc. Magazine as one of the fastest-growing private U.S. companies. Based in Seal Beach, California, DTS also has technical centers in Michigan, Australia, Germany & Japan.
www.dtsweb.com



DTS ARS PRO and ARS HG are the world's smallest high shock and vibration tolerant angular rate sensors designed specifically for high energy test environments.