Trimble Raises the Bar for GNSS Infrastructure, Earth Science and Network Applications with the Trimble NetR9 Reference Receiver

SUNNYVALE, Calif., April 12, 2010 /PRNewswire via COMTEX News Network/ -- Trimble (Nasdaq: TRMB) today introduced an innovative Global Navigation Satellite System (GNSS) reference receiver for infrastructure, precise scientific and network applications -- the Trimble(R) NetR9(TM) GNSS reference receiver. The new Continuously Operating Reference Station (CORS) receiver can support the most demanding applications for the earth science community and for the surveying, construction, mapping and agricultural industries. The NetR9 was designed to provide the user with maximum features and functionality from a single receiver.

The Trimble NetR9 reference receiver offers an industry-leading 440 channels for robust, unrivaled GNSS constellation tracking. The receiver supports a wide range of satellite signals, including GPS and GLONASS signals. In addition, Trimble is committed to providing Galileo-compatible products in advance of Galileo system availability. In support of this plan, the Trimble receiver is capable of tracking the experimental Galileo GIOVE-A and GIOVE-B test satellites for signal evaluation and test purposes.

Highly versatile and offering the complete functionality of a geodetic reference station, the Trimble NetR9 reference receiver can be used as a standalone receiver or as part of a network solution. Specific applications include high-accuracy positioning as part of a Trimble VRS(TM) network, as a mobile field base station or CORS for Real-time Kinematic (RTK) corrections, as a scientific reference station collecting information for specialized studies, as a field campaign receiver for post-processing applications and as support for Differential Global Positioning System (DGPS) coastal beacons. In addition, the Trimble NetR9 reference receiver can be used for monitoring the integrity of VRS networks as well as the deformation of physical infrastructure such as bridges, dams, mines, oil platforms and other natural and manmade structures.

The Trimble NetR9 reference receiver's large internal memory (8 GB) allows post-processed results for base stations to be computed after survey completion, improving the accuracy of the survey. The highly compressed secure internal memory allows for more than 20 years of 15-second dual-frequency GPS data storage. In addition, the NetR9 also has USB logging capability for additional storage capacity.

The receiver supports the new CMRx communications protocol, which provides unprecedented correction compression for optimized bandwidth and full utilization of all satellites in view. This gives the customer more robust positioning data and the most reliable positioning performance on the market today.

Optimized for field use with built-in rechargeable batteries, the lightweight yet rugged Trimble NetR9 reference receiver consumes very little power and can be used for projects with remote connectivity and in extreme weather conditions. It has an IP67 rating, which means it is completely sealed against dust and can survive immersion in up to a meter of water for approximately 30 minutes. It also meets MIL-STD 810F standard for drops, vibration and temperature extremes. The Trimble NetR9 has its physical memory built into the circuit board, providing greater protection of data, particularly under extreme conditions. Multiple built-in serial ports supply communications and power to support field use, whether connecting to a radio for RTK surveys, direct communication with a satellite phone for remote operations, or for ancillary input devices such as inclinometers and ...meteorological sensors, and it offers Bluetooth communication with a cell phone for real-time data streaming. In addition, both power and Ethernet can be conveniently supplied over a single cable using Power over Ethernet (PoE) technology.

"The Trimble NetR9 reference receiver raises the bar for today's modern infrastructure technology," said Pierre Desjardins, general manager for Trimble's Infrastructure Division. "Trimble has once again redefined the industry standard for ultra-fast, high-reliability, multi-constellation reference receivers, providing our customers the flexibility required for today and tomorrow's challenges. Trimble is committed to developing complete solutions with the latest GNSS technology that meet the complex needs of our customers."

The Trimble NetR9 reference receiver is available in the second quarter of 2010. For more information, visit: www.trimble.com, call 1-800-767-4822 (U.S. only), +1-303-323-4111 (outside of the U.S.) or email: Infrastructure_Sales@Trimble.com.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location -- including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics,

Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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