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Trimble Introduces Next Generation GNSS Reference Receiver

Trimble Alloy Takes Network Performance to New Levels with Full Constellation GNSS Tracking, Absolute Positioning Capabilities and an Intelligent Design

SUNNYVALE, Calif., Jan. 31, 2018 /PRNewswire/ -- Trimble (NASDAQ: TRMB) introduced today its next generation Global Navigation Satellite System (GNSS) reference receiver for real-time network (RTN) applications—the Trimble® Alloy™ GNSS reference receiver. Setting a new industry standard with 672 channels, the Continuously Operating Reference Station (CORS) receiver provides users and operators with access to multiple constellations and signals, supplying robust and reliable reference data. With an IP68 rating for protection against dust and moisture, the Trimble Alloy performs even in the most rugged environments to meet the demands of professionals from the earth-science, surveying, construction, mapping and agricultural industries.

Delivering high-accuracy GNSS data to improve RTN performance and reliability, the Trimble Alloy GNSS receiver allows RTN owners and operators to:

- **Track and log all current and planned GNSS**– Powered by the new Trimble Maxwell™ 7 GNSS dual chipsets, Trimble Alloy tracks and processes all of today's current GNSS signals at data rates up to 100Hz, and is designed to be ready for planned signals and systems. The next generation receiver provides an industry-leading 672 channels for unrivaled GNSS constellation tracking including: GPS, GLONASS, BeiDou, Galileo, QZSS, IRNSS as well as the full range of SBAS.
- **Deliver absolute position monitoring** – Leveraging Trimble RTX™ precise point positioning technology, the Trimble Alloy receiver is able to derive its position at centimeter-level accuracy in real-time. Combined with Trimble's advanced Sentry™ monitoring technology, the receiver will automatically notify the operator of any status change including positional changes. The technology ensures users are receiving the most accurate correction data.
- **Realize new levels of user convenience**– An all new intelligent receiver design brings an unprecedented level of usability to GNSS reference stations with the Trimble Alloy reference receiver. Featuring a tilted four-line OLED screen, Trimble Alloy displays key information without the need for scrolling through multiple menus. Dual hot swappable batteries, coupled with multiple power inputs, give users flexible installation options. Wi-Fi connectivity, multiple serial ports and remote access options allow users to configure the device easily, no matter how or where it's installed.

"Alloy provides a solution to address a variety of installation challenges faced by RTN owners and operators today," said Mark Richter, marketing director of Trimble's Advanced Positioning Division. "The receiver can track all satellite signals at the highest possible data rate while being easy to use, access and configure. All of these features make the receiver a compelling investment for owner/operators who are looking to modernize their networks or single station configurations. Trimble Alloy will carry them far into the future."

Availability

The Trimble Alloy GNSS reference station receiver is expected to be available in most of the world through Trimble's Distribution Channel during the first quarter of 2018. For Asia and Latin America, the receiver is expected to be available in the second quarter of 2018. To learn more about the new Trimble Alloy GNSS reference receiver, visit: www.alloy.trimble.com.

About Trimble's Real-Time Network Solutions

Trimble Real-Time Network (RTN) solutions are one of the most widely used GNSS Infrastructure solutions available today. Spanning a variety of applications and industries all over the world, Trimble's proven hardware is specifically developed with the needs of RTN real world environments while the software integrates seamlessly into the RTN solution for exceptional real-time performance. The flexibility of Trimble's solution enables users to collect, manage and analyze complex information faster and easier, improving productivity and efficiency. Trimble has also recently introduced a new suite of services benefiting owners and operators of RTNs—Trimble Network Management. Three levels of service are available, ranging from simple network backup to fully outsourced network operations. For more information, please visit: www.trimble.com/rtn.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming a broad range of industries such as agriculture, construction, geospatial, and transportation and logistics. For more information about Trimble (NASDAQ: TRMB), visit: www.trimble.com.

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