# Perth Builds First Infrastructure Network With Trimble VRS Technology and GNSS Capabilities

## Network Supports Modernized GPS and GLONASS Signals

SUNNYVALE, Calif., June 28, 2006 /PRNewswire-FirstCall via COMTEX News Network/ -- Trimble (Nasdaq: TRMB) announced today it has supplied Global Navigation Satellite System (GNSS) reference stations and VRS(TM) (Virtual Reference Station) software to establish a GNSS infrastructure network in Western Australia. Located in Perth, Western Australia's capital, the high-precision network is built solely with Trimble(R) NetR5 reference stations and is the first VRS network with GNSS capabilities. The GNSS network supports both the next-generation GPS L2C and L5 signals and GLONASS signals adding greater flexibility, fast initialization times and more robust signal tracking for positioning applications.

The VRS network provides a geo-spatial infrastructure for surveying, engineering and Geographic Information System (GIS) professionals. The Perth infrastructure will supply fast and accurate positioning information for a variety of applications including surveying, urban planning, urban and rural construction, environmental monitoring, resource and territory management, disaster prevention and relief, precision agriculture, scientific research and transportation management.

The Perth VRS installation follows more than 80 Trimble infrastructure networks throughout the world including: China, Germany, Austria, Switzerland, U.S., Canada, Norway, Sweden, Finland, Denmark, Belgium, France, Spain, Italy, United Kingdom, Netherlands, Poland, Slovenia, Australia, Malaysia, Taiwan, Korea and Japan. For a partial reference list of Trimble VRS installations visit: http://www.trimble.com/vrsinstallations.shtml.

About the Perth VRS Network

The Perth VRS network is operated by GPSnetwork Perth and is the first privately-owned VRS network in Australia. Built with 5 Trimble NetR5 GNSS reference stations, Trimble GPSNet(TM) and RTKNet(TM) software, the network is available to geospatial professionals.

Covering the entire metro-Perth area, the network's reference stations are installed from Two Rocks (37 miles or 60 km north of Perth) to Mandurah (62 miles or 100 km south of Perth) for a network area reach of 1,750 square miles (4,550 square km). The Perth VRS network provides high-accuracy positioning and surveying anywhere in the area without the need of an additional base station.

"The Perth VRS network is the Rolls Royce of GPS infrastructure," said Geoff Lockhart, director of GPSnetwork Perth. "With its advanced GNSS capabilities, it can open up high accuracy positioning to more users in the area. Once people start using it and experiencing the benefits of increased productivity, reliability and accuracy, it will become the wave of the future for GNSS surveying and positioning in the Perth area."

About Trimble VRS Technology

Trimble VRS technology uses the RTK solutions from Trimble RTKNet software and provides high-accuracy, RTK GPS positioning for wider areas. The VRS network is available at any time without setting up a base station and provides common control anywhere in the network.

Because Trimble RTKNet(TM) software is able to process the entire network simultaneously, Trimble VRS networks offer greater quality control and higher data accuracy at longer distances. In the field, the farther users get from a reference station using conventional RTK, the more susceptible they become to reduced accuracy and performance due to systematic errors such as ionospheric and tropospheric effects. In a Trimble VRS network, RTKNet software provides a fully modeled solution that factors in potential systematic errors. Users connect into the system using a wireless connection; the software acknowledges the users' field positions and allows them to operate as though there is a reference station -- a virtual reference station -- right next to their rover. As a result, the PPM error is eliminated or significantly reduced, allowing surveyors to achieve RTK precision over much greater distances with fewer reference stations. Users can also retrieve stored GPS and modeled data from the control center via the Internet for post-processing.

About Trimble's Engineering and Construction Business

Trimble, a world leader in GPS, construction lasers, robotic total stations and machine control solutions, is creating a broad range of innovative solutions that changes the way construction work is done. The Engineering and

Construction business of Trimble is focusing on the development of technology and solutions in the core areas of surveying, construction and infrastructure. From concept to completion, Trimble's integrated systems streamline jobs and improve productivity.

About Trimble

Trimble is a leading innovator of Global Positioning System (GPS) technology. In addition to providing advanced GPS components, Trimble augments GPS with other positioning technologies as well as wireless communications and software to create complete customer solutions. Trimble's worldwide presence and unique capabilities position the Company for growth in emerging applications including surveying, agriculture, machine guidance, fleet and asset management, wireless platforms, and telecommunications infrastructure. Founded in 1978 and headquartered in Sunnyvale, Calif., Trimble has more than 2,400 employees in more than 18 countries worldwide.

For more information visit: wwww.trimble.com.

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