Trimble's Next Generation GeoExplorer 6000 Series Handheld Delivers High-Accuracy GNSS Positioning in Urban Canyons and Under Tree Canopy

SUNNYVALE, Calif., Feb. 17, 2011 /PRNewswire/ -- **Trimble** (Nasdaq: TRMB) **introduced today the new** GeoExplorer® 6000 series of high-accuracy Global Navigation Satellite System (GNSS) handheld computers. The series delivers dramatic improvements in difficult GNSS environments such as urban canyons and under tree canopy using Trimble® Floodlight™ satellite shadow reduction technology.

The Trimble GeoExplorer 6000 series handhelds are purpose built for high-accuracy data collection and integrate a range of new features—including a dual-frequency GPS and GLONASS receiver and antenna, 5-megapixel camera and 3.5G data modem. The handheld's large sunlight-readable display, field-swappable battery, and powerful processor are designed to meet the daily challenges of the most demanding Geographic Information System (GIS) workflows.

The GeoExplorer 6000 series GeoXH™ handheld achieves decimeter (4 inch) accuracy in real time, and the GeoXT™ handheld provides reliable 75 cm (30 inch) accuracy in real time and 50 cm (20 inch) accuracy after postprocessing. Both handheld GNSS receivers are supported by Trimble's range of Mapping & GIS software enabling straightforward receiver configuration, seamless data flow and complete back-office processing capability. Floodlight technology comes standard on the GeoXH and is available as an option for the GeoXT version.

Improved Performance in Tough GNSS Environments

Buildings and trees can cause satellite shadow and limit the environments where high-accuracy GNSS data collection can be performed. The unique Trimble Floodlight technology combines a range of innovative techniques to increase the availability of positions and boost accuracy in areas affected by satellite shadow.

"Trimble's GeoExplorer 6000 series Floodlight technology offers real value to organizations investing in high-accuracy data collection and GIS initiatives to improve productivity," said Mark Harrington, vice president of Trimble. "With high accuracy positioning available in more places, field operations can be conducted with the confidence that the job will be done right, the first time. Field workers can be even more productive, working in difficult GNSS environments where previously they could not have worked efficiently—or at all."

Easily Integrate High-Quality Photos

With a built-in 5-megapixel autofocus camera, field workers can easily include digital photos in GIS workflows. No extra devices, batteries, or file transfers are required, and images are automatically geotagged. The camera can be accessed directly from Trimble TerraSync™ software and other third-party applications, so linking images to GIS features can be performed in the field at time of data capture—to record the qualitative details of assets or for in-field quality assurance.

Work Online in the Field

Built-in Wi-Fi and an optional 3.5G cellular modem deliver Internet connectivity to the field and facilitate continuous access to real-time map data, VRS™ network corrections, and live updates of field information while on location. Field workers can remain in contact with the office and with each other, even from remote jobsites where wireless access is available.

Availability

The GeoExplorer 6000 series is available now from Trimble's worldwide Mapping & GIS authorized distribution channel.

For more information, visit: www.trimble.com/geoxh6000 and www.trimble.com/geoxt6000.

GeoExplorer 3000 Series

To better align the GeoExplorer portfolio, the field-proven GeoExplorer 2008 series of handhelds will now be marketed under the new name, the Trimble GeoExplorer 3000 series.

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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