Greece Selects Trimble for GNSS Infrastructure Network

Trimble has been selected by the Greek National Cadastre, Ktimatologio, to supply Trimble VRS network hardware and software to establish a nationwide Global Navigation Satellite System (GNSS) infrastructure network for the country of Greece. Trimble will also provide complete network set up, deployment and operation during the initial start-up period. The Trimble VRS network will provide a fixed geospatial infrastructure for surveying, engineering and Geographic Information System (GIS) professionals that enables high accuracy real-time kinematic (RTK) GNSS positioning.

Known as HEPOS (Hellenic Positioning System), the GNSS network will consist of approximately 100 Trimble NetRS GPS Receivers and 100 Trimble Zephyr Geodetic Antennas, as well as Trimble GPSNetTM and RTKNet software to achieve full Trimble VRS functionality. Covering approximately 132,000 square kilometers (50,965 square miles) of mainland and islands, the HEPOS network is expected to be one of the largest GNSS networks in the world. Designed to cover the needs of the Greek National Cadastre far into the future, the HEPOS network will provide centimeter-level surveying measurements to be taken faster and more cost-effectively throughout Greece.

The HEPOS network is expected to be fully operational by the end of 2007. The measurements will be collected in real time and sent to the HEPOS Control Center, which will process the data and send the high accuracy positioning data to all users. All users will be able to receive data either in real time, or through a Web server for post-processing in the office.