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#### Location Tracking Propelled Into Condition Monitoring

May 17, 2010

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By Numerex

U.S. agencies are looking for ways to improve container security through the use of technology for monitoring container integrity. For example, in the Pakistan Ground Lines of Communication, the ground transportation route supporting forces in Operation Enduring Freedom, theft and container tampering is a real threat for in-bound and out-bound cargo. Therefore, it is important to monitor container integrity to ensure containers are not loaded with hazardous material that could harm our warfighters.

To reduce security risks, U.S. agencies can now tap into the expanding technological capabilities of satellite tracking. Satellite tracking provides worldwide visibility of assets and provides alerts that warn of container intrusion/tampering from origin to destination. This allows warfighters and customs officials to specially monitor containers to ensure safety and security.

Numerex's SX1 can provide this service because their satellite asset tracking devices use reliable satellite technology to provide in-transit visibility from origin to forward operating areas, giving logistics coordinators the ability to monitor and track assets throughout the entire distribution process. Coupled with Numerex's secure network, the SX1 enhances asset tracking to fill coverage gaps and the limited reach of traditional RFID networks.

In the past year, the SX1 asset tracking device has successfully completed rigorous testing phases, including the Hazards of Electromagnetic Radiation to Ordnance (HERO) and MIL-STD-810F Environmental testing. The SX1 was exposed to experimental conditions that tested its ruggedness, reliability, and safety characteristics unique to the military mission.

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