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## **PRESS RELEASE**

For Immediate Release  
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### **GTC RECEIVED NASA PROJECT TO DEVELOP BATTERY HEALTH MONITORING SYSTEMS**

*Atlanta, GA, November 27, 2006* - Global Technology Connection, Inc., in collaboration with Georgia Tech Research Institute's Center for Fuel Cell and Battery Technologies and industrial partner, United Lithium/Yuasa, has been awarded a NASA project to develop of a Battery Health Monitoring System (BHMS) for space exploration applications. The project would be directed by – **NASA Ames Research Center (ARC)** staff.

NASA requires reliable lightweight rechargeable batteries for future missions to Mars and other outer planets that are capable of operating over a wide range of temperatures with high specific energy and energy densities. The system can be used to monitor the batteries used in NASA stations/vehicles such as Mars Exploration Robots, Crew Exploration Vehicle (CEV), Crew Launch Vehicle (CLV), International Space Station (ISS), GEO, MEO, LEO, etc. The BHMS architecture will reduce repair and maintenance costs through automated diagnostics and prognostics that support the current readiness, future readiness and quality of service requirements of NASA. The specific benefits are: (1) increased mission readiness (2) reduced total ownership costs (3) reduced battery maintenance parts and planning. The BHMS system will be a valuable technology to improve the safety of future space explorations including manned and unmanned missions to the Moon, the Mars, and other space missions.

Atlanta based GTC is a leader in the development of diagnostic and prognostic solutions for condition-based maintenance and fault tolerant systems. The software can be used with a wide variety of systems such as vehicle subsystems (generators, batteries, engines, HVAC/chiller, etc.), pumps, motors, actuators, etc. as an OEM embedded or can be retrofitted into existing systems.

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