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## **PRESS RELEASE**

For Immediate Release  
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### **GTC AWARDED NAVY PHASE II PROJECT TO DETERMINE THE USEFUL REMAINING LIFE OF LI-ION BATTERIES**

Atlanta, GA. July 27, 2005 -- GTC has been awarded a US Navy contract to develop the necessary algorithms to determine the useful remaining life of Li-ion batteries. This project would implement remaining useful life models for JSF Li-ion batteries within the JSF Prognostic Health Maintenance (PHM) architecture under the sponsorship of the NAVAIR JSF program office.

The developed and validated Battery architecture will reduce repair and maintenance through automated diagnostics and prognostics that supports the current readiness, future readiness and quality of service. The specific benefits are:

- (1) increased mission readiness
- (2) reduced total ownership costs
- (3) reduced battery maintenance parts and planning costs.

An aircraft battery state of the health system would have broad application to commercial aviation, shipping, hybrid vehicles, trucking industries etc.

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