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**For more information:**

Jim Hughes  
Fleishman-Hillard, Inc.  
213-489-8221  
[jim.hughes@fleishman.com](mailto:jim.hughes@fleishman.com)

**LTO PROGRAM REPORTS STRONG SHIPMENTS OF WRITE ONCE, READ MANY (WORM) TAPE CARTRIDGES IN 2005, SURPASSING MORE THAN 40 PETABYTES**

*Growing Importance of Data Retention in Regulatory Compliance Credited for Strong Acceptance of LTO's WORM Technology*

**SILICON VALLEY, CALIF. — (May 23, 2006) —** HP, IBM Corporation and Quantum Corporation, the three technology provider companies for the Linear Tape-Open (LTO) Program, today announced that 2005 shipments of LTO Ultrium 3 tape cartridges with Write Once, Read Many (WORM) technology surpassed early forecasts. In all, the number of LTO Ultrium 3 tapes shipped with WORM technology has the potential to help protect more than 40 Petabytes of compliance-related data.\*

“Tape is clearly one of the most cost-effective methods for storing data offline in a secure environment,” said Robert C. Abraham, President, Freeman Reports. “Archiving the data in an unalterable way, such as via LTO WORM, will provide yet another level of assurance and help administrators address compliance regulations.”

The technology provider companies credited the growing importance of regulatory compliance and the need for a cost-effective storage medium designed to preserve data in a non-rewriteable, non-erasable format for the demand to address imposing data storage requirements such as SEC Rule 17-a-4(f).

“Shipments of LTO Ultrium 3 tape media with WORM technology have been increasing since their introduction just over a year ago,” said Jim Wold, Senior VP, Removable Storage and Automation, Quantum. “Companies are seeking more affordable and reliable storage tools with a low total cost of ownership to help them address regulatory requirements. This is one of the reasons for the growth of LTO Generation 3 with WORM technology.”

Storage administrators continue to seek more powerful tape performance, new technologies such as WORM functionality to address ever-growing business requirements, and a roadmap vision for the future. The LTO Program has addressed these issues with the LTO Ultrium format generation 3, LTO WORM, and a roadmap extension through generations five and six including plans to provide encryption capabilities for LTO Ultrium generation 4 tape drive technology specifications, slated for later this year.

### **How to License LTO Ultrium Technology**

The LTO program offers several different license packages – from enhanced packages that provide the specifications and licenses to manufacture Ultrium products, to basic packages, providing Ultrium format specifications and guidelines for interchangeability. Buyers seeking Ultrium format-compliant products should look for the Ultrium format compliance verification trademarks on both tape drives and data cartridges. Storage and media manufacturers interested in licensing LTO technology may obtain information by contacting the LTO Program at [LTOinquiry@fleishman.com](mailto:LTOinquiry@fleishman.com).

### **About Linear Tape-Open (LTO) Technology**

LTO technology is a powerful, scaleable, adaptable open tape format created by technology providers HP, IBM Corporation and Quantum Corporation to help address the growing demands of data protection in the midrange to enterprise-class server environments. This ultra-high capacity generation of tape storage products is designed to deliver outstanding performance, capacity and reliability combining the advantages of linear multi-channel, bi-directional formats with enhancements in servo technology, data compression, track layout, and error correction.

The LTO Ultrium format has a well-defined roadmap for growth and scalability. The roadmap represents intentions and goals only. There is no guarantee that these goals will be achieved. Compliance verification is vital to meet the free-interchange objectives that are at the core of the LTO Program. Ultrium tape mechanism and tape cartridge interchange specifications are available on a licensee basis. For additional information on LTO technology, visit the LTO Program Web site at [www.ultrium.com](http://www.ultrium.com).

Note: Linear Tape-Open, LTO, the LTO logo, Ultrium, and the Ultrium logo are trademarks of HP, IBM and Quantum in the US and other countries.

\* Assuming 2:1 compression

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