

**FOR IMMEDIATE RELEASE**

**Advanced Research, Exabyte, Matsushita, Mitsumi Electric and Otari  
License Linear Tape-Open Technology**

**SILICON VALLEY, Calif., Sept. 29, 1999** — Hewlett-Packard Company, IBM Corporation and Seagate Technology Inc., the technology provider companies of Linear Tape-Open technology (referred to as LTO technology), today announced that five more industry-leading companies have purchased licenses for LTO technology. Companies joining the list of licensees are Advanced Research Corp., Exabyte Corp., Matsushita Electric Industry, Mitsumi Electric Company Ltd. and Otari Inc.

“Our 24 Licensees provide an unprecedented level of influence on the future of computing and storage,” said Charlene Murphy, director, LTO OEM Tape Storage Business, IBM Storage Systems Division. “Their participation in the LTO program further validates the LTO concept and strategy.”

Additional LTO licensees include Accutronics, Alps Electric, Benchmark Tape Systems, EMTEC, Fuji Photo Film, Fujitsu/FCPA Intellistor, HP, Hi/fn, IBM, Imation, Mountain Engineering II, NEC, Overland Data, Quantegy, Philips Semiconductor, Seagate, TDK and Verbatim.

Ultrium and Accelis are the two formats based on LTO technology. The Ultrium format uses a single-reel media with capacities of up to 200GB (100GB native) and data-transfer rates of up to 40MB/s (20MB/s native), assuming a 2:1 compression ratio. The other format, Accelis,

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is a fast-access, dual-reel implementation that is designed to offer data retrieval in less than 10 seconds. Both formats have an identified four-generation roadmap for future capacity and performance enhancements.

LTO technology, a powerful, open tape architecture, is setting the stage for a new generation of tape storage products expected to surpass current tape capacity and performance benchmarks, while maintaining the highest data integrity. It combines the advantages of linear multi-channel, bi-directional formats with enhancements in servo technology, data compression, track layout and error correction code to maximize capacity, performance and reliability.

Ultrium and Accelis tape mechanism and tape cartridge interchange specifications are available on a licensee basis. Licensing information is available from the law offices of Ladas & Parry at (323) 934-2300 or via e-mail at LTO\_INFO@ladasparry.com.

Additional information on LTO technology can be obtained from the LTO Web site at [www.lto-technology.com](http://www.lto-technology.com).

Contact information: [http://www.lto.org/newsroom/tool\\_directory.html](http://www.lto.org/newsroom/tool_directory.html)

*Note: Linear Tape-Open, LTO, Accelis and Ultrium are U.S. trademarks of HP, IBM and Seagate.*