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News Release

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## **OFS AND PICOLIGHT ANNOUNCE DEMONSTRATION OF 10 GB/S AT 850 NM OVER 1 KM OF LASERWAVE™ 300 MULTIMODE FIBER.**

**OFC, Booth 4700, Anaheim, CA, March 18, 2002** - OFS, designer, manufacturer, and supplier of leading edge fiber optic products, today announced a demonstration of 10 Gb/s over 1 km of its LaserWave 300 fiber using Picolight Inc. 10 Gb/s transponders. Picolight's XSBI 850 nm serial transponder transmitted 10.3 Gb/s at better than 10<sup>-14</sup> bit error rate over the 1 KM link. There will be a live demonstration at the OFS' booth.

"LaserWave 300 has more than tripled the 300 meter 850 nm distance specified by the IEEE and OIF for 10 Gb/s" said Janice Haber, Vice President Systems Engineering and Market Development, OFS. "We have demonstrated that LaserWave fiber provides the performance to reliably support the 300 meter reach."

"This demonstration shows the robustness of the 850 nm 10 Gb/s solution up to 1 km using LaserWave fiber", said Tracy Earles, Product Management Director at Picolight. "This high performance level means that network equipment manufacturers can confidently integrate, and service providers can reliably deploy, 10 Gb/s links."

LaserWave 300 and LaserWave 150 fibers are the world's first 10 Gb/s 850 nm laser optimized multimode fibers are generally available and have been shipping in volume since December 1999. The large multimode core diameter of LaserWave fibers enables the lowest system cost from 10 Mb/s through 10 Gb/s by easing alignment tolerances in the optics throughout the system. LaserWave fibers also provide extended reach for 1 Gb/s applications and support legacy lower speed applications.

Picolight's 10 Gb/s transponder is a compact and low power dissipation solution optimized for very short reach (VSR) applications. The transponder technology helps support volume production of 10 Gb/s optical links, enabling manufacturers of enterprise, switching, and

metro/access systems to implement cost effective expansion to the networking industry. Picolight's 10 Gb/s serial shortwave transponder is available now.

### **About Picolight Inc.**

Picolight is a rapidly growing, private, venture-backed company that designs and manufactures high-speed optoelectronic components and subsystems for original equipment manufacturers (OEMs) of networking equipment. The company provides transceiver subsystems for short-reach (1-meter to 20-kilometer) optical-networking connections, including optical switch interconnect, optical enterprise and storage area networks (SANs), and optical metro/access networks. From rack-to-rack and to the network edge, Picolight's fiber link technology is delivering cost-effective bandwidth for capacity-constrained networking equipment. Picolight is located in Boulder, Colo. and employs a staff of 120. For more information, see <http://www.picolight.com/> or email [sales@picolight.com](mailto:sales@picolight.com).

### **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, optical fiber cable, connectivity, FTTx and specialty photonics solutions. Our marketing, sales, manufacturing and research teams provide forward-looking, innovative products and solutions in areas including Telecommunications, Medicine, Industrial Automation, Sensing, Government, Aerospace and Defense applications. We provide reliable, cost effective optical solutions to enable our customers to meet the needs of today's and tomorrow's digital and energy consumers and businesses.

OFS' corporate lineage dates back to 1876 and includes technology powerhouses such as AT&T and Lucent Technologies. Today, OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications.

For more information, please visit [www.ofsoptics.com](http://www.ofsoptics.com).

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