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News Release

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## **TELLABS AND OFS DEMONSTRATE WAYS TO HELP SERVICE PROVIDERS REDUCE DWDM CAPITAL EXPENDITURES**

**Naperville, Ill. 10 December, 2003** - Tellabs and OFS successfully demonstrated how the Tellabs® 7100 optical transport system's new feature package 2.0 and OFS' TrueWave® RS Fiber can help service providers extend their wavelength reach and reduce DWDM capital expenditures by up to 15 percent. When tested together, TrueWave RS Fiber increased the reach capabilities - the distance between the add/drop of a wavelength on the Tellabs 7100 system - by up to 300 percent, or to more than 1200 km. This extended reach was achieved using low-cost metro amplifiers instead of traditionally used high-cost regional amplifiers and without the use of dispersion compensating fiber (DCF).

"As service providers strive to reduce their DWDM capital equipment costs, Tellabs and OFS have teamed up and demonstrated a solution with real, quantifiable savings," said Jeff Schmitz, senior vice president of product line marketing for Tellabs. "By using TrueWave RS Fiber instead of SMF28 fiber with the Tellabs 7100 system, we can help our customers reduce their DWDM CapEx costs by up to 15 percent. We continue to enhance the optical performance of our Tellabs 7100 system to help service providers realize greater savings and simplify their regional and metro network operations."

During the demonstration, the Tellabs 7100 system's new 2.0 release and OFS' TrueWave RS Fiber provided the extended reach for a real-life, customer-designed network. Together, the Tellabs and OFS products enabled the elimination of all DCF fiber that is typically needed to carry high-speed, 10G/OC-192 optical signals multiplexed on the Tellabs 7100 system. In addition, more than half of the regional amplifiers were replaced with lower-cost metro amplifiers, which resulted in a 40 percent cost reduction per amplifier. This demonstration also extended the 10G wavelength reach to more than 300 percent.

"This demonstration between OFS and Tellabs presents a winning solution for service providers who are deploying DWDM in their networks," said Mike Pearsall, vice president,

Optical Fiber Marketing and Sales, at OFS. “It’s difficult for a service provider to pass on a solution that can result in a CapEx savings of up to 15 percent, all while extending the reach of their network.”

### **About OFS**

OFS is a designer, manufacturer, and supplier of leading edge optical fiber, optical fiber cable, optical connectivity and specialty photonics products for a wide variety of applications and industries. OFS, formerly the optical fiber solutions division of Lucent Technologies Inc. (NYSE: LU), has a proven track record of being first in the industry with application specific fibers, optical connectors, ribbon cables, erbium doped fibers, Raman fiber lasers and more. OFS is committed to providing customers increased value by offering products that deliver lowest cost per bit network solutions, protecting investments through future flexible solutions.

OFS distributes its optical fiber, optical fiber cable, optical connectivity and specialty photonics products directly to end users, as well as through valued distributors, external cable customers and equipment vendors.

OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications and majority shareholder, and CommScope, Inc., a world leader in broadband coaxial cables and minority shareholder. Headquartered in Norcross, GA, OFS operates facilities in Avon, Connecticut; Carrollton, Georgia; Somerset, NJ; and Sturbridge, Massachusetts, as well as facilities in Denmark, Germany, and Russia.

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

### **About Tellabs**

The Tellabs 7100 optical transport system is a next-generation, parallel-architected DWDM system that provides 32 protected wavelengths of up to 10Gbps without any reengineering of new or existing wavelengths. The Tellabs 7100 series of products enables service providers to deploy a shared infrastructure of access, metro and regional deployments that also include traditional SONET TDM and emerging data and video services. The Tellabs 7100 series of products offers flexible, scalable, reliable WDM solutions and products including the:

§ Tellabs® 7110 optical transport node for small wavelength requirements;

§ Tellabs® 7120 NGX advanced transport node for SONET TDM optimized delivery from

DS1 through OC192 and GbE;

§ Tellabs® 7130 data services shelf for data optimized delivery of ESCON, FICON, Fibre Channel, and GbE; and

§ Tellabs optical multiplexer shelf for CWDM network delivery.

All the Tellabs 7100 products are managed under the same GUI-based Tellabs® 7192 integrated system manager.

Tellabs (NASDAQ: TLAB) provides innovative data switching and bandwidth management solutions to help carriers around the world move communications traffic efficiently, effectively and profitably. The world communicates through Tellabs™; more than two-thirds of telephone calls and Internet sessions in several countries, including the United States, flows through Tellabs equipment. Tellabs customers include many of the world's largest and strongest carriers. Tellabs experts design, develop, deploy and support our solutions throughout telecommunications networks in more than 100 countries worldwide. For more information, please visit [tellabs.com](http://tellabs.com).

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## **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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