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News Release

ALLIANCE OF LEADERS IN RUSSIA: T8 AND OFS DEMONSTRATE SUCCESSFUL ERROR-FREE 40 Gb/s TRANSMISSION OVER 2000 KM IN 3.2 Tb/s DWDM SYSTEM

Moscow, Russia, February 1, 2012 - OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products, and T8, a leading Russian designer, manufacturer and supplier of DWDM transmission equipment announce a new record in error-free 40G multi-channel transmission over 2000 km of OFS optical fiber. The demonstration is enabled by transmission equipment "PUSK," developed by T8 / NTO "IRE-Polus," and OFS AllWave® ZWP optical fiber /RightWave™ LL MicroDK dispersion compensating modules.

"Bandwidth demand in the Russian/CIS telecommunications market today is growing fast, and a number of terrestrial optical communication lines have to be upgraded or built, increasing the demand we see for 40Gb/s and 100 Gb/s DWDM digital channels," noted Vladimir Treschikov, General Director of T8. "As networks become more complex and support higher data rates, they demand ultra-high technical performance from both the active equipment and fiber optic cables. The best technical results in optical communication can only be achieved by using the finest technical solutions, up-to date equipment and the best available transmission media. Consequently, we had the idea of joining the efforts of two technology leaders- the Russian leader in transmission equipment –T8 and a worldwide leader in optical fiber innovation and manufacturing - OFS."

"This is just the first step we have made here with T8 and this transmission accomplishment," said Michael Pavlychev, the General Director of OFS office in Russia. "The result has shown the possibility of going even further: to transmit channels up to the distance of the order of 10,000 km with OFS fibers and dispersion compensation, as well the latest technologies in optical signal transmission, amplification, processing and decoding."

About T8

The Company "T8" LLC is the CIS leader in the sphere of DWDM technology adoption.

Specialists from the Russian Academy of Sciences with an extensive experience in engineering and installation of DWDM highway systems form the foundation of the company. "T8" LLC is the only company in Russia developing DWDM systems by means of the world's leading modeling system OptSim. The company has the best testing laboratory in fiber optic communications, which is equipped with more than 100 devices for complex measurements during commissioning and start-up of DWDM systems, for the analysis of optical line parameters like chromatic dispersion, polarization mode dispersion (PMD), for transmission quality testing, GbE measuring and many others.

To learn more of T8, please visit www.t8.ru.

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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.

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