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News Release

OFS LABORATORIES CONTINUES NEW RESEARCH TO REDUCE INSTALLATION AND OPERATING COSTS IN OPTICAL NETWORKS AND TECHNOLOGY TO INCREASE CAPACITY IN NEXT-GEN SYSTEMS

OFC 2009 Accepts 14 Papers from OFS R&D

OFC/NFOEC 2009, Booth 2539, San Diego, California, March 23, 2009 — OFS, designer, manufacturer and supplier of leading edge fiber optic products, today announced research developments from OFS R&D that further advance fiber optic technology. The 14 papers being presented at OFC 2009, March 22-26, highlight advanced concepts in optical fiber design and applications.

“Advances have been made in two key areas – developments to reduce installation and operating costs in optical networks, and technology to increase capacity and reach in next-generation systems,” said David DiGiovanni, President, OFS Laboratories. “These achievements continue the long track record at OFS of developing and implementing industry-shaping technology.”

New optical fiber, cable, and connecting technologies which can significantly reduce optical system installation labor and materials are described in a series of papers (OMN1, OTuL4). The accomplishments highlighted at the conference include technology which can reduce installed costs up to 65% and speed deployment up to 500%. In addition, OFS researchers describe low friction indoor cables with improved mechanical properties to significantly improve installation in conduits (NWC4).

The Furukawa Electric Co., Ltd., parent company to OFS, is also showcasing several papers on advances in extending capacity and reach of optical links. These include developments in all-optical processing at bitrates exceeding 100Gb/s, high-density parallel optical modules for data transmission over multimode fiber, and ultrawide bandwidth transmission using a novel multicore fiber.

About OFS Laboratories

OFS Laboratories is a world class Center of Excellence for optical innovations, complemented by FEC's own first-rate R&D capabilities. OFS Laboratories generates commercially viable technology breakthroughs that the other four OFS divisions take to market quickly.

Scientists who are now with OFS Laboratories have been responsible for innovative fiber-optic technology inventions, now ubiquitous in the industry, such as non-zero dispersion fiber, submarine optical fiber and polarization maintaining fiber. Based in Murray Hill, NJ, OFS Laboratories continues to push the boundaries of optical science.

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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