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## **New Framework Document Brings OIF's 100G Work Into Focus**

**Fremont, CA – June 30, 2009** – A new framework document from the Optical Internetworking Forum (OIF) lays the foundation for the Forum's 100G technical work. A product of the 100G collaboration announced last year by the OIF, the *100G LH DWDM Framework Document* provides component vendors with the specificity needed to focus their 100G investments.

"The Framework Document provides the foundation that is needed to coordinate and advance the OIF 100G projects," said Jeff Hutchins, CoreOptics and an OIF board member. "The OIF's Working Groups are now able to develop implementation agreements for the key components necessary for cost effective 100G long haul transport."

The OIF's 100G projects are targeted at producing specifications for the technically challenging application of DWDM 100G long haul transport interfaces over 50GHz spaced channels. The Framework Document begins by identifying a modulation format that is used to drive key component design considerations for the integrated photonics transmitter and receiver, the electro-mechanical aspects of a line-side optical transceiver module, as well as for forward error correction. The sub-components are being specified in a modulation format independent manner where possible.

A copy of the Framework Document can be viewed at  
<http://www.oiforum.com/public/documents/OIF-FD-100G-DWDM-01.0.pdf>

“We are really encouraged by the OIF work on 100G,” said Glenn Wellbrock, Director of Optical Transport, Network Architecture and Design for Verizon. “Bringing together multiple companies will allow the industry to work more quickly to implement 100G and help to both focus and minimize the industry’s investment.”

“The Framework Document brings consensus among a critical mass of module and system vendors on the requirements for specific 100G technology elements so as to create a larger market for these components,” said Karl Gass, Sandia National Laboratories, and the OIF’s Physical and Link Layer Working Group Vice Chair. “Such a consensus will improve the business case for the required base technology investments.”

### **About the OIF**

Launched in April of 1998, the OIF is the only industry group uniting representatives from data and optical networking disciplines, including many of the world's leading carriers, component manufacturers and system vendors. The OIF promotes the development and deployment of interoperable networking solutions and services through the creation of Implementation Agreements (IAs) for optical, interconnect, network processing and component technologies, and optical networking systems. The OIF actively supports and extends the work of standards bodies with the goal of promoting worldwide compatibility of optical internetworking products. Working relationships or formal liaisons have been established with the Ethernet Alliance, IEEE 802.3, IETF, ITU-T Study Group 13, ITU-T Study Group 15, IPv6 Forum, MEF, ATIS OPTXS, ATIS TMOC, Rapid I/O, TMF, UXPi and the XFP MSA Group. Information on the OIF can be found at [www.oiforum.com](http://www.oiforum.com) <http://www.oiforum.com>.