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OIF Finalizes Implementation Agreements for 100G Modules and Control Plane Logging and Auditing

Fremont, CA – July 14, 2010 – The Optical Internetworking Forum (OIF) members have finalized two implementation agreements (IAs) addressing the key electro-mechanical aspects of a 100G long-haul transmission module and control plane logging and auditing. Both of these IAs provide equipment vendors with important tools for bringing products to market.

The OIF 100G Long-Haul DWDM Transmission Module IA provides component and system suppliers with a modular interface approach. Key aspects include; module mechanical dimensions, electrical connector and pin assignment, module hardware signaling pins, high-speed electrical characteristics, power supply, power dissipation, and management interface.

“We expect this to be the industry successor for the 300 pin MSA,” said Karl Gass, the OIF’s Physical and Link Layer Working Group vice chair. “This design provides for higher density placement on host line cards with a higher speed data and advanced management interface.”

The OIF Control Plane Logging and Auditing with Syslog IA defines the protocols, record types, data structures, and fields for log files generated by a Network Element (NE). It also addresses controlling and securing the generation, transport, and storage of log data to provide a flexible logging capability for the OIF’s User Network Interface (UNI) and External Network to Network Interface (E-NNI). Version 1.1 of the IA fully conforms to the IETF standards for Syslog and precisely defines a general set of log messages for the OIF’s control plane

protocols.

“The ability to log signaling and routing messages as they traverse multiple UNI or E-NNI interfaces adds a useful and effective way to help assure correct and secure operation of the signaling and routing entities,” said Doug Zuckerman, of Telcordia Technologies and the OIF’s OAM&P Working Group chair. “This is an important tool to help carriers deploy and operate control plane technology in their networks.”

Both IAs can be viewed on the OIF’s website at <http://www.oiforum.com/public/impagreements.html>

About the OIF

Launched in 1998, the OIF is the first industry group to unite 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, component, and networking systems technologies. The OIF actively supports and extends the work of standards bodies and industry forums with the goal of promoting worldwide compatibility of optical internetworking products. Information on the OIF can be found at <http://www.oiforum.com>.