OIF Unveils StatEye Upgrade: High Speed Channel Analysis

Technical, Working Group Leaders Elected

FREMONT, CA — September 7, 2006 — The analysis of high-speed serial links became easier and cheaper at the Optical Internetworking Forum’s (OIF) Q3 meeting in Vancouver, with the debut of an OIF-funded major upgrade to StatEye, an open-source software package that is an integral part of the channel compliance methodology of the OIF’s Common Electrical Interface Specification (CEI). CEI defines specifications for serial signaling and channels in chip-to-chip and board-to-board applications up to 11 Gb/s. This upgrade of StatEye enables it to handle cross-talk effectively and adds a useful Graphical User Interface and an XML (Extensible Markup Language) framework.

“StatEye is significant because it allows simple and accurate S-parameter analysis of backplanes defined for CEI” said David Stauffer, of IBM and the OIF’s Physical and Link Layer Working Group chair.

OIF members and guests attended a full-day workshop addressing StatEye capabilities and package features. The presentations can be viewed at: http://www.oiforum.com/public/meetOIFW073106stateye.html. A preliminary version of StatEye is available to OIF members; an approved version will be available to the public on the OIF website at a later date. Those in attendance at the Q3 meeting also saw a workshop on ASON/GMPLS test beds in North America and Asia - the workshop presentations are posted at http://www.oiforum.com/public/meetOIFW073106testbeds.html.

“These workshops are important because they help transform our Implementation Agreements into interoperable products” said Brian Holden of
PMC-Sierra and the OIF’s MA&E Co-Chair-PLL. “In particular, this was the Forum’s first public presentation of the StatEye S-Parameter channel analysis software.”

**Elections Start Meeting**

Elections were held during the opening plenary session of the Q3 of the meeting, allowing the elected chairs to run their respective sessions during the week. Evelyne Roch of Nortel Networks was elected to the role of Interoperability Working Group Co-Chair-Networking.

Re-elected Working Group (WG) positions include:
- Jim Hamstra, Flextronics, as Benchmarking WG Chair
- Alex Conta, Transwitch Corp, as Software WG Chair
- Karl Gass, Sandia National Laboratories, Physical Layer Users Group WG Chair

Also re-elected were:
- Jim Jones, Alcatel, re-elected as Technical Committee Chair
- Dave Brown, Lucent, re-elected as MA&E Co-Chair-Networking
- Brian Holden, PMC Sierra, re-elected as MA&E Co-Chair-PLL

**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 national and international standards bodies with the goal of promoting worldwide compatibility of optical internetworking products. Working relationships or formal liaisons have been established with the IEEE 802.3, IETF, ITU-T Study Group 13, ITU-T Study Group 15, IPv6 Forum, MFA Forum, MEF, MVA, ATIS OPTXS,