

## PRESS RELEASE

### ***FOR IMMEDIATE RELEASE***

Date: February 13, 2008

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Release #: 889

## **Yokogawa announces Differential Quadrature Phase Shift Keying (DQPSK) for its 40G and 43G Next Generation Network (NGN) tester: NX4000**

Yokogawa Corporation of America announces its newest optical modulation format for its 40G 43G NGN tester. Differential Quadrature Phase Shift Keying (DQPSK) is now available for the NX4000 NGN tester. This expands the optical modulation formats supported by the NX4000 beyond any other 40G NGN protocol tester available. Other 300-pin MSA based transponders allow ODB, DPSK and NRZ. By fully supporting DQPSK modulation, the NX4000 is uniquely positioned to provide both client side and line side testing at 40G SONET/SDH and 43G OTN rates. "The NX4000 is superbly designed. Users can purchase what they need when they need it. The modularity assures them that if line modulation techniques change, the NX4000 will change with them. If new functions are needed like Ethernet over OTN, the NX4000 easily upgrades to allow that testing. This provides a lot of financial security when buying test gear." states Allan Phillips.

### **About the NX4000**

The NX4000 Next Generation Network tester is a modular 40G, 43G & 44G test platform providing a full suite of test functions for both client side and line side signal testing while testing BER, SONET/SDH, OTN and Ethernet over OTN. By utilizing interchangeable modules, users are able to realize large savings over conventional 40G test products and scale their platform as the need arise. The NX4000 also hosts a full band tunable laser output to support testing in a DWDM environment. DQPSK phase modulation is most commonly used for long-haul ultra-high speed optical communications due to its robust characteristics.

Yokogawa is exhibiting the NX4000 live in booth 1535 at the OFC NFOEC 2008 tradeshow in San Diego, CA.

## **About Yokogawa Corporation of America**

Yokogawa's global network of 18 manufacturing facilities, 84 companies, and over 650 sales and engineering offices spans 33 countries. Since its founding in 1915, the US\$4 billion company has been engaged in cutting-edge research and innovation, securing more than 7,000 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa. For more information about Yokogawa, please visit our web site at [www.yokogawa.com](http://www.yokogawa.com).