ETHERNET ALLIANCE APPLAUDS NEW ETHERNET STUDY GROUPS

New study groups addressing Ethernet speeds ranging from 25Gb/s to 200Gb/s illustrate Ethernet's responsiveness to evolving marketplace needs

BEAVERTON, OR, NOVEMBER 17, 2015 – The Ethernet Alliance, a global consortium dedicated to the continued success and advancement of Ethernet technologies, today commended the recent formation of three new IEEE 802.3® study groups. The IEEE 802.3™ 25Gb/s Ethernet PMD(s) for Single Mode Fiber Study Group; IEEE 802.3 50 Gigabits per second (Gb/s) Ethernet Over A Single Lane Study Group; and IEEE 802.3 Next Generation 100Gb/s and 200Gb/s Ethernet Study Group were approved during the recent IEEE 802.3 Ethernet Working Group Plenary in Dallas, Texas, demonstrating Ethernet's capacity for dynamically addressing the changing needs of its rapidly expanding marketplace.

"Ethernet is beginning the standardization of a new era of speeds based on 50Gb/s signaling technology. The 50Gb/s lanes will enable 50 Gigabit Ethernet (GbE) SFP56 modules, and 200GbE QSFP56 modules and other corresponding technologies as we have shown in the 2015 Ethernet Roadmap," said Scott Kipp, president, Ethernet Alliance; and principal technologist, Brocade. "The launch of these new study groups will help deliver the next generation of cost-optimized, higher-speed solutions demanded by hyperscale data centers, enterprises, cloud service providers, and more. It's proof that Ethernet will continue to be optimized for new markets."

The IEEE 802.3 25Gb/s Ethernet PMD(s) for Single Mode Fiber Study Group is tasked with exploring the development of new 25Gb/s Ethernet single-mode fiber links, as well as evaluating market requirements supporting longer reach 25Gb/s Ethernet interfaces up to 10 kilometers or more. The group's work complements the fast-tracked efforts of the IEEE P802.3by 25Gb/s Ethernet Task Force to develop a 25GbE specification.

Focusing on two related areas of study, the IEEE 802.3 50Gb/s Ethernet Over A Single Lane Study Group and IEEE 802.3 Next Generation 100Gb/s and 200Gb/s Ethernet Study Group will jointly investigate the market requirements for 50GbE, 100GbE and 200GbE, which include server-to-switch and switch-to-switch applications. The Study Groups will define objectives for the Ethernet specifications leveraging 50Gb/s signaling technology based on market needs.

For more information about the Ethernet Alliance, please visit http://www.ethernetalliance.org, follow @EthernetAllianc on Twitter, visit its Facebook page, or join the EA LinkedIn group. Individuals who would like to

receive updates on Ethernet Alliance, activities, and events may sign up for the organization's newsletter at

www.ethernetalliance.org/newsletter.

About the Ethernet Alliance
The Ethernet Alliance is a global consortium that includes system and component vendors, industry experts, and university and government professionals who are committed to the continued success and expansion of Ethernet technology. The Ethernet Alliance takes Ethernet standards to market by supporting activities that span from incubation of new Ethernet technologies to interoperability demonstrations and education.

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Media Contact:
Melissa Power
Interprose Public Relations
P: 401-454-1314
E: melissa.power@interprosepr.com