

SUCCESSFUL CONSENSUS-BUILDING EFFORTS RULE THE DAY AT MAY 2015 IEEE 802.1 / IEEE 802.3 JOINT INTERIM MEETING

Ethernet Alliance supports Ethernet's continued advancement by promoting and fostering consensus among key industry stakeholders

BEAVERTON, OR, JUNE 2, 2015 – The [Ethernet Alliance](#), a global consortium dedicated to the continued success and advancement of Ethernet technologies, today released details of the various successes achieved during the recent Ethernet Alliance-hosted IEEE 802.1™ / IEEE 802.3™ Joint Interim Meeting. This year's session, which the organization has hosted annually for the past four years as part of its role in supporting industry consensus building, saw a remarkable amount of progress in the development of solutions to address different application spaces resulting from the growing diversification of Ethernet.

Throughout the five-day IEEE 802.1 / IEEE 802.3 Joint Interim Meeting, attendees participated in 18 different task forces and study groups. Consensus-building groundwork prior to the interim meeting, such as the support voiced by the Ethernet Alliance's member companies for a single IEEE 802.3 standard to address 2.5GBASE-T and 5GBASE-T, contributed significantly to the progress made. Other important developments achieved during the event include technology choices made by the IEEE P802.3bz™ 2.5G/5G BASE-T Task Force, as the baseline proposals needed to generate the standard's first draft were selected, and the IEEE P802.3bs™ 400GbE Task Force selection of a 4x100Gb/s PAM-4 scheme across 4 parallel single-mode fibers to address its 500m single-mode fiber (SMF) objective and an 8x50Gb/s PAM-4 WDM scheme across a single fiber to address its 10km SMF objective.

Additionally, the IEEE P802.3by™ 25Gb/s Ethernet Task Force also continued its fast track, in preparation of its request for the group's draft standard to advance to the next phase of development, Working Group (WG) ballot. The IEEE P802.3bn™ EPOC Task Force, IEEE P802.3bv™ Gigabit Ethernet over Plastic Optical Fiber Task Force, and the 1000BASE-T1 PHY Task Force, targeted to automotive Ethernet, also advanced their respective specifications, and will be requesting to proceed to the WG balloting stage. The Ethernet Alliance also sponsored sessions for industry participants to gather and discuss the future of 50 Gigabit Ethernet and Ethernet Passive Optical Networks (EPON).

"The latest IEEE 802 Interim illustrates that the development of Ethernet is truly a collaborative effort. For each of the noted efforts, a diverse cross-industry, cross-discipline group of individuals was able to achieve consensus and move each project forward," said [John D'Ambrosia](#), chairman, Ethernet Alliance, and chief Ethernet evangelist, Dell. "As the industry voice of Ethernet, the Ethernet Alliance serves the industry as the catalyst for



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collaboration and cooperation within the Ethernet ecosystem. Its effectiveness in moving the industry forward is reflected by the positive response to the Ethernet Alliance and its members' recent [consensus-building efforts](#) around 2.5G/5G BASE-T Ethernet, as the industry is now coalescing behind the development of a single, open, IEEE 802.3-based standard.”

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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