

IEEE 802.3WG Closing Plenary Report

IEEE 802.3
Ethernet Bandwidth Assessment
Ad Hoc

John D'Ambrosia
Force10 Networks
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“Ethernet Bandwidth Assessment” Program Submission

- **Background and Purpose**

During the IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet project, it was observed that core networking and computing applications were growing at different rates, driving the need to develop the two new wireline Ethernet speeds. The focus of this IC activity will be to perform an appraisal of future “Ethernet Wireline Bandwidth Needs” of applications within the Ethernet eco-system.

Related Standard – IEEE Std 802.3-2008 and IEEE Std 802.3ba-2010

Related Sponsor – IEEE 802

- **Charter and Scope**

The scope of this IC will focus on gathering information that will enable an evaluation of the bandwidth needs for Ethernet wireline applications, including, but not limited to, core networking and computing. This evaluation will then enable the generation of a white paper(s) and related presentations on the future bandwidth needs of Ethernet wireline applications, which can then be used for future reference by an appropriate related standards activity.

- **Proposed Deliverables**

This evaluation will then enable the generation of a white paper(s) and related presentations on the future bandwidth needs of Ethernet wireline applications, which can then be used for future reference by an appropriate related standards activity.

Activities This Week

- 111 Attendees
- Hear Presentation: Kimball Brown, LightCounting
 - “Server Bandwidth Scenarios – Signposts for 40G/100G Server Connections”
 - Good discussion. Meeting notes will summarize. Any individuals willing to share meeting notes for summary please forward to me.
 - Challenge – obtaining and using general, i.e. non-vendor specific, data
 - General discussion this week – other “end-station” type data may become available.
- General observation – increased activity in data coming forward.

Thank You!