

# IEEE 802.3WG Opening Plenary Report

IEEE 802.3  
Ethernet Bandwidth Assessment  
Ad Hoc

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Dell

Big Island, Hawaii, USA, March 2012

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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.

# Ad Hoc Private Area

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# Activities Since Nov 2011 Plenary

- Conference Call, 11/22/11
  - “The European Peering Scene,” Henk Steenman AMS-IX / EURO-IX
  - Thanks to John D’Ambrosia, Dell for hosting
- Conference Call, 12/13/11
  - “Global Data Centres Presentation IEEE” by Lone Hansen, BSRIA
  - “Data Intensive Science Impact on Networks” by Eli Dart, ESnet
  - Thanks to Hugh Barrass, Cisco for hosting
- IEEE 802.3 Interim Meeting, 1/23/12
  - Reviewed Schedule
  - Thanks to Ethernet Alliance for hosting
- Release of Draft 1.0
  - Release Feb 24 for 30 day comment cycle
  - Comments Due, Sunday March 25 (AoE)

# Going Forward & Future Meetings

- This Week - No Meeting
- Teleconference to review comments - TBD
- April 27 – Draft 1.1 Released / Review (10 day comment cycle)
- May Interim
  - Review comments
  - Seek Ad Hoc Approval Pending Comments?
- July Plenary
  - Seek WG Approval
  - IEEE 802 Tutorial – BWA Assessment
- Sept Interim
  - Joint ITU / IEEE Workshop

# Thank You!