

IEEE 802.3WG

Opening Plenary Report

IEEE 802.3
Ethernet Bandwidth Assessment
Ad Hoc

John D'Ambrosia
Force10 Networks
Singapore, March 2011

Reflector and Web

- To subscribe to the BWA reflector, send an email to:

ListServ@ieee.org

with the following in the body of the message (do not include “<>”):

```
subscribe stds-802-3-bwa <yourfirstname> <yourlastname>  
end
```

- Send 100GCU reflector messages to:

STDS-802-3-BWA@listserv.ieee.org

- Ad Hoc web page URL:

http://www.ieee802.org/3/ad_hoc/bwa/index.html

“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 Prior to Mar 2011 Plenary

- Request approved by IEEE Board of Governors
 - Mentors - James Wendorf (Industry Connections) & David Law (IEEE 802.3)
 - Organized by David Law as an ad hoc in 802.3WG.
 - See <http://www.ieee802.org/3/private/email/msg01054.html>.
- First conference call Feb 28
 - Introductory call
 - Approximately 40 participants

Goals for the Week

- Hear Presentations
 - Network Considerations –
 - John D'Ambrosia (see dambrosia_01_0311)
 - BWA Ad Hoc output document structure
 - Pete Anslow (see anslow_02_0311 and anslow_03_0311)
- Liaisons and Communications
 - To ITU-T SG15
 - Proposed text – anslow_01_0311.pdf
 - To OIF
 - Proposed text – trowbridge_01_0311.pdf
- Make recommendations regarding group output to the WG for approval on Thursday