Agenda and General Information

IEEE 802.3

HSE Consensus Ad Hoc

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Dell

Geneva, CH Sept 2012

Objective for this Meeting

- Welcome and Introductions

- Reflector and Web

- Ground Rules

- IEEE Bylaws and Rules

- Liaisons and Communications

- Presentations

- Future Meetings

Ad Hoc Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2007 SASB Op Manual 5.3.3.5)
- Photography or recording by permission only (5.3.3.4)
- Cell phone ringers off
- Wear your badges at all times in meeting areas

Reflector and Web

- To subscribe to the HSE Consensus 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 HSE Consensus Ad Hoc reflector messages to:
    - *STDS-802-3-BWA@listserv.ieee.org*

- Ad Hoc web page URL:
    - *http://www.ieee802.org/3/ad_hoc/hse/index.html*

Ground Rules

- **RESPECT**… give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
  - This includes costs, ASPs, etc. no matter what the currency
- NO restrictive notices

Bylaws and Rules

- **IEEE-SA Operations Manual:**
  - http://standards.ieee.org/sa/sa-om.pdf
- **IEEE-SA Standards Board Bylaws:**
  - http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf
- **IEEE-SA Standards Board Operations Manual:**
  - http://standards.ieee.org/guides/opman/sb-om.pdf
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures:**
  - http://standards.ieee.org/board/aud/LMSC_2009.pdf
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual:**
  - http://www.ieee802.org/PNP/2009-11/LMSC_OM_approved_091120_rev_100213.pdf
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures:**
  - http://www.ieee802.org/PNP/2009-11/LMSC_WG_PandP_approved_091120_rev_100213.pdf
- **IEEE 802.3 Working Group Operating Rules:**
  - http://ieee802.org/3/rules/P802_3_rules.pdf

Guidelines for IEEE-SA Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**

- **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**

- **Don't discuss specific license rates, terms, or conditions.**

    - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.

        - Technical considerations remain primary focus

- **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**

- **Don't discuss the status or substance of ongoing or threatened litigation.**

- **Don't be silent if inappropriate topics are discussed… do formally object.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit http://standards.ieee.org/about/sasb/patcom/index.html

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

This slide set is available at https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt

Liaisons and Communications

- None

"Higher Speed Ethernet Consensus" Program Submission

- **HSE ICAID:** https://mentor.ieee.org/802-ec/dcn/12/ec-12-0033-01-00EC-higher-speed-ethernet-icaid.pdf

- **Background and Purpose**

  The completion of the IEEE 802.3 Industry Connections Ethernet Bandwidth Assessment Ad hoc has demonstrated that the bandwidth requirements of multiple application spaces are continuing an exponential climb with the forecasted growth in 2020 to reach a level 100x the bandwidth required in 2010. The purpose of the IEEE 802.3 Industry Connection's Higher Speed Ethernet Consensus activity will be to build consensus related to initiating a new effort targeting the next speed of Ethernet for wireline applications, which will be used for the evaluation and possible development of a Call-For-Interest for the next IEEE 802.3 Higher Speed Study Group.

  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 activity will focus on building consensus related to the next speed of Ethernet for wireline applications, which will be used for the evaluation and possible development of an IEEE 802.3 Call-For-Interest for the next Higher Speed Study Group. The requested duration for this Industry Connections activity is 12 months.

- **Proposed Deliverables**

  - The proposed deliverables will be the historical records, i.e. meeting notes & presentations, of the meetings held by this Industry Connections activity.

Time Lines

- CFI's must be requested at least 35 days in advance of the start of the WG plenary
- Next 3 Opportunities
  - Nov 2012 Plenary
    - Request due Oct 8, 2012
    - San Antonio, Tx, USA
  - March 2013 Plenary
    - Request due Feb 11, 2013
    - Orlando, FL, USA
  - July 2013 Plenary
    - Request due June 10, 2013
    - Geneva, CN

Presentations

Time	Presenter	Affiliation	Title	File Name
10:30 AM	John D'Ambrosia	Dell	Agenda and General Information	agenda_hse_01_0912.pdf
11:15 AM	John D'Ambrosia	Dell	Starting Out - Marketing & Applications	dambrosia_hse_01_0912.pdf
11:45 AM	Dave Chalupsky	Intel	Server Bandwidth Implications for the Next Higher Speed of Ethernet	chalupsky_hse_01_0912.pdf
12:15 PM	Lunch			
1:45 PM	Kai Cui	Huawei	100G Link Infrastructure Requirements to Support Future 400G PMDs	cui_hse_01_0912.pdf
2:15 PM	Jeff Maki	Juniper	ECOC Presentation	maki_hse_01_0912.pdf
2:45 PM	Mark Gustlin	Xilinx	Feasibility of a 400GE PCS	gustlin_hse_01_0912.pdf
3:15 PM	Chris Cole	Finisar	400Gb/s Ethernet CFI Proposal	cole_hse_01_0912.pdf
3:45 PM			Discussion / Straw Polls / Closing Business	
4:45 PM	Adjourn			

Future Meetings

- See: http://www.ieee802.org/3/interims/index.html

- Nov 2012 Plenary
  - Date: Week of Nov 12
  - Location, Grand Hyatt, San Antonio, San Antonio, TX, USA
- Jan 2013 Interim (Hosted by Luxtera)
  - Week of Jan 21
  - Location: TBD
- March 2013 Plenary
  - Week of Mar 18
  - Caribe Royale, Orlando, FL, USA
- May 2013 Interim (Hosted by Ethernet Alliance)
  - Week of May 13
  - Location: TBD
- July 2013 Plenary
  - Week of July 14
  - Location: Geneva, CH

- Anyone interested in hosting a meeting contact me.

Thank You!