IEEE 802.3 NG-ECDC Agenda and General Information

John D'Ambrosia,

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IEEE 802 Nov 2016 Interim

San Antonio, TX, USA

IEEE 802.3 NG-ECDC Ad Hoc Information

- John D'Ambrosia, IEEE 802.3 NG-ECDC Ad Hoc Chair

- Home Page - http://www.ieee802.org/3/ad_hoc/ngrates/index.html

- Reflector Information – http://www.ieee802.org/3/ad_hoc/ngrates/reflector.html

- Approved ICAID – https://standards.ieee.org/about/sasb/iccom/IC15-005-01_NextGen_Enterpise_DataCenter_Campus_Ethernet.pdf

Ad Hoc Decorum

- Photography or recording by permission only (2010 SASB Op Manual 5.3.3.4)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.5)
- Wear your badges at all times in meeting areas
  - Help the hotel security staff improve the general security of the meeting rooms
  - **PCs HAVE BEEN STOLEN** at previous meetings
  - **DO NOT** assume that meeting areas are secure
- Please observe proper decorum in meetings

Agenda

- Session #1 – Extended Reach 400GbE Optics PMDs
  - Monday, Nov 7, 7:30pm to 9:30pm
    - Update - Ethernet Bandwidth Forecast in 5G Application – Xinyuan Wang, Huawei
    - Extended Reach Optics Strawman (CFI) – John D'Ambrosia, Futurewei

- IEEE 802.3 Closing Plenary – Consideration of Updated ICAID for approval by 802.3WG
  - Submitted Draft Version - http://www.ieee802.org/3/ad_hoc/ngrates/public/16_09/ICAID_16_0902_draft.pdf
  - Marked-up - https://mentor.ieee.org/802-ec/dcn/16/ec-16-0156-00-00EC-ieee-802-3-ng-ecdc-industry-connections-activity-modified-icaid.pdf

Ground Rules

- Based upon IEEE 802.3 Rules
  - Foundation based upon Robert's Rules of Order
  - Anyone in the room may speak
  - Anyone in the room may vote
- **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

Important Bylaws, Rules, & References

- **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/about/sasb/audcom/pnp/LMSC.pdf

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual**

  http://www.ieee802.org/PNP/2010-07/IEEE_802_LMSC_OM_approved_100716.pdf

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**

  http://www.ieee802.org/PNP/2010-07/IEEE_802_LMSC_WG_PandP_approved_100716.pdf

- **IEEE 802.3 Working Group Operating Rules**

  http://ieee802.org/3/rules/P802_3_rules.pdf

- **"Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy"**

  http://standards.ieee.org/develop/policies/antitrust.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/preparslides.ppt

Key Aspects of Ad Hoc

- Goals
  - Assess emerging requirements
  - identify gaps not currently addressed by IEEE 802.3 standards
  - Facilitate building industry consensus
- Note
  - Any individual with an in-scope activity can leverage this ad hoc. Contact ad hoc chair.
  - Does not supersede any existing rules or processes

Ad Hoc Output

- Multiple types of deliverables –
    - Will provide records of the meetings, including minutes and supporting presentations.
    - May be the creation of one or more consensus presentations that are used as the basis for one or more Call-for-Interests to study new areas.
    - May be the creation, as appropriate, of white papers documenting the findings of the IC activity.
- Groups need to provide guidance on their proposed output

Requesting CFIs

- [IEEE 802.3 Ethernet Working Group Operations Manual](#), See Subclause 4.2

  - A SG is formed when enough interest has been identified for a particular area of study within the scope of the WG. The first step in the process is a call for interest. This can be made at the WG opening plenary by any member. Any request to make a call for interest shall be made to the WG Chair. This request shall be made at least 35 days in advance of the start of the WG plenary. A SG can then be initiated by vote of the WG and must be approved by the LMSC EC. During this approval process the LMSC EC decides whether a SG is within the scope of the WG, should be moved to another Working Group or should be set up as an Executive Committee Study Group (ECSG).

- Translation:

  - Requests must be made by 802.3 Members, i.e. voting members, to the 802.3 WG Chair
  - Requests must be made 35 days in advance of the start of the WG Plenary (suggest using Sunday at start of Plenary week)
  - Approved by the 802.3 WG and then by the 802 EC

- **CONSENSUS BUILDING IS KEY**

Thank you!

IEEE 802.3 NG ECDC Ad Hoc, IEEE 802 Nov 2016 Plenary, San Antonio, TX, USA