



IEEE 802.3 New Ethernet Applications (NEA) Agenda and General Information

John D'Ambrosia,
Futurewei, a subsidiary of Huawei

Jan 9, 2017

IEEE 802.3 Jan 2017 Interim
Huntington Beach ,CA, USA

IEEE 802.3 NEA Ad Hoc Information

- John D'Ambrosia, IEEE 802.3 NEA 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 – http://standards.ieee.org/about/sasb/iccom/IC15-005-02_New_Ethernet_Applications.pdf

Ad Hoc Decorum



- Photography or recording by permission only (2016 SASB Op Manual 5.3.3.2)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.3)
- 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

Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings is on an individual basis

- *Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)*
- *IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 4.2.1)*
- **You have an obligation to act and vote as an individual and not under the direction of any other individual or group. Your obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **You shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 3.4.1, list item x**

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

Agenda

- Approval of Nov 2016 Minutes
 - http://www.ieee802.org/3/ad_hoc/ngrates/public/16_11/meetingnotes_ecdc_1116_unapproved.pdf
- Session #1 – Extended Reach 400GbE Optics PMDs
 - “Beyond 10km” Optics Strawman (CFI) “The Need”, John D’Ambrosia, Futurewei, Subsidiary of Huawei
- Session #2: Consensus building discussion on next-generation MMF PMDs,
 - Presentation by Robert Lingle, OFS

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/devdocs.shtml>
- 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!