



Introduction and Management Clauses Comment Review

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Agenda

- Administrative
 - Welcome and Introductions
 - Patent policy and other guidelines
- Resolve comments received for Introductory and Management Clauses/Annexes
 - 00 (front matter), 01, 4, A, 4A
 - 80 (Introduction to 40G and 100G)
 - 30, 30A, 30B, 45 (Management)
 - We will review all T/TRs
 - We may not review Editorial comments in the meeting and will be left to the Editors to address these comments
 - If you want to review any specific editorial comments please bring it to the attention of the Chief Editor or respective Subtask Force Chairs



Editors for Intro/Management

- Ilango Ganga – Editor Clauses 1, 4, 80, and Annexes A, 4A
- Hugh Barrass – Editor Clauses 30, 45, and Annexes 30A, 30B



Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy. Participants:

- **“Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents**
 - **“Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims**
- **“Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)**
- **The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group**

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**



Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

<http://standards.ieee.org/guides/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/guides/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/board/pat/pat-material.html>

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

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>



Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
 - Either speak up now or
 - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
 - Cause an LOA to be submitted



Other Guidelines for IEEE WG 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.**


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.



Comments on Clause 30

- Clause 30 Comments
 - (T) 151, 149, 150
 - (TR) 612, 613, 608, 609, 610, 614, 615, 616
 - All ACCEPT – editor to produce first draft of Clause 30.

- Annex 30B
 - (TR) 619, 617, 618
 - All REJECT – responsibility of 802.3.1



Clause 45 – Easy T's

- Easy T's – mostly Pete Anslow (Thanks Pete!)
 - 17, 152, 19, 20, 21, 464, 230 (TR), 23, 24, 235 (TR), 25, 26, 27, 28, 30, 236 (TR), 29, 31, 234 (TR), 22, 440.
- Review each on briefly



Comments on Clause 45

Review & discuss

- 645, 646 – widen counters
- 229 – PMA test pattern
- 375 – Partial FEC
- 439, 376 – Backplane naming
- 368 – PMA addressing
- 551 – MDIO voltage



Comments on Clause 45 – E's

- Easy E's – use a bucket motion
 - 533, 128, 18, 430, 283, 431, 411, 432, 220, 221, 219, 522, 32
- One more ER - 86
 - (proposed reject)



Comments on Clause 80

■ T/TRs

- General: 311, 71, 379, 112, 466, 145, 113, 323
- FEC: 312
- AN: 313
- Service interface definition: 620, 314(E)
- Pause: 315
- Delay: 316, 300, 301, 317
- Skew: 240

■ E/ERs

- Editorial: 85, 465, 118, 116, 380, 35, 36, 284, 412, 121, 130, 38, 37, 418, 39, 119
- All proposed accept/proposed accept in principle



Comments on Clauses 1, 4 and Annexes A, 4A

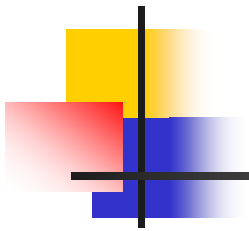
- T/TRs:
 - New definitions: 147, 148, 11, 607, 9, 10, 15
 - New references: 248, 352, 351, 358(E), 354
 - MAC related: 246, 16, 294, 70

- E/ERs
 - Editorial: 429, 12, 13, 14, 426, 359
 - All proposed accept/accept in principle



Comments on front matter and overall document (marked as Clauses 00 & 99)

- T/TRs
 - Add PICS: 641
 - General: 72
- E/ERs
 - Editorial/formatting: 428, 417, 122, 125, 127, 126, 282, 123, 124, 373, 371, 369, 372
 - All proposed accept/accept in principle



Thanks!