

Track II - PCS, PMA, LC Report

- Clauses 36 and 37, which include PCS, PMA, and LC, and comments and responses to those clauses, were reviewed in Track II.
 - Session held on Tuesday, March 11, 1997 from 1:30 p.m. until 9:30 p.m. with breaks
- Reviewed Draft 1 comments and responses including 154 PCS, 46 PMA, and 13 LC comments.
 - All open D1 comments not resolved in D2 are included in the D2 comments and responses document.
 - D1 comments and responses document uploaded to IEEE FTP site. Eventual location should be:
ftp://stdsbbs.ieee.org/pub/802_main/802.3/gigabit/presentations/mar1997/RTd1com.pdf
- Reviewed all current Draft 2 comments and responses to date.
 - D2 comments and responses to date include 58 PCS, 11 PMA, and 14 LC comments.
 - Many D2 comments were resolved.
 - Directions established for resolving most of the remaining comments.

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- D2 comment period is open until the cutoff date for the next draft.
- Please submit D2 comments via the IEEE 802.3z reflector:
stds-802-3-hssg@mail.ieee.org
- D2 comments and responses draft (D2 comments submitted before March 10, 1997) uploaded to IEEE FTP site. Eventual location should be:
ftp://stdsbbs.ieee.org/pub/802_main/802.3/gigabit/presentations/mar1997/RTd2com_draft.pdf
- Ben Brown of Cabletron presented changes to PCS Transmit, Receive, and Synchronization state machines based on proposed resolutions to D1 and D2 comments.
 - ◆ State machines available in [RTd2com_draft.pdf](#).
 - ◆ Additional comments received, primarily “corner cases”.
 - ◆ Basic state machine operation appears to be solid.
 - ◆ **Call for simulation of state machines.**
- Clause 36 (PCS, PMA) Work List:
 - Primary differences between Clause 36 D2 and D2 comment resolution are changes to state machines.

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- All existing D2 comments to Clause 36 can realistically be resolved and Clause 36 updated within a week.
- Clause 36 ready for “early” draft revision to enable thorough review at the May meeting.
- Clause 37 (LC) Work List:
 - Substantial changes required to Clause 37 to resolve nomenclature differences with Clause 36.
 - Several technical changes required including:
 - ◆ Link break;
 - ◆ Addition of State machine timer/count for each handshake;
 - ◆ Management register definitions;
 - ◆ Delete support for multiple PMA’s;
 - ◆ Pause clarification.
 - Resolution to all outstanding Clause 37 comments by the editor will take several weeks.
 - Clause 37 NOT ready for “early” draft revision.
 - Desire to rev Clause 37 in time for review in May.