

Approved Minutes

IEEE 802.3cc Serial 25Gb/s Ethernet Operation over Single Mode Fiber Task Force Meeting

January 11, 2017 Huntington Beach, California

Prepared by Kenneth Jackson (Sumitomo)

Dolphin Room 1st Floor

Meeting convened at 9:00am

Chairperson: Dave Lewis (Lumentum)

Editor: Koichi Tamura (Oclaro)

Recording Secretary: Kenneth Jackson (Sumitomo)

Ad Hoc Chair: Peter Jones (Cisco)

Approve Agenda (**Motion #1**, 9:07am)

M: Peter Jones

S: KPJackson

Approved by voice vote

Approve Minutes from Nov Plenary Meeting (**Motion #2**, 9:10am)

M: KPJackson

S: Peter Jones

Approved by voice vote

Review of:

- Attendance announcement: Log book as well as IMAT
- Ground Rules
- Task Force Decorum
- IEEE Structure
- Important Bylaws and Procedures
- Participants, Patents and Duty to Inform
 - *Call for Essential Patents---none heard (9:17am)*
- Other guidelines for IEEE WG Meetings
- Overview of IEEE 802.3 Standards Process flow chart (5 slides)
 - Completed TF comment phase
 - Now in Working Group ballot phase
- IEEE P802.3cc TF Project Info
 - Organization
 - TF Web and Reflector
- Private area – password provided to access copies of drafts *****
- Timeline
 - D2.0 Nov. 27
 - Sponsor Ballot after March Plenary meeting (goal)
 - Question from Peter Jones: *Do we need to schedule a contingent interim meeting to accommodate this schedule? Tentatively schedule late February (?)*
- Goals for this meeting
 - Resolve comments from D2.0
 - Be ready to release D2.1
- Meeting Schedule (Presentations)

- Ad Hoc Meetings: weekly every Wed. 2pm (Pacific time)
- Future Task Force Meetings

Ad Hoc Report: Peter Jones (Cisco) (9:32am):

- Charter, scope/deliverables, Web link
- Activities between San Antonio and Huntington Beach
- Next Steps: further work, contributions.

Chief Editor's Report: Koichi Tamura (Oclaro) (9:35am)

- 106 total comments: 61 Editorial, 45 Technical
 - Link budget shift
 - Interoperability between LR and ER
 - Damage threshold of LR
 - SRS and stressed eye conditions

Comment Resolution (9:37am)

1. 61 comments proposed for the "bucket list". Posted to website for review. Vote expected after lunch.
2. Remaining comments (45) arranged into 6 groups according to related topics

Pmax (damage level) comment resolution: Make damage threshold 1dB over overload. Interoperability subject of subsequent comment

Presentation by Xi Huang (Huawei) proposing to shift optical link budget up by 2.8 dB to accommodate PIN detector technology.

Lunch Break

Resume Comment Resolution (1:12 pm)

LR/ER Interoperability Presentation (Koichi T.)

Discussion: Pete Anslow recommended using the 40GBASE-LR / ER interoperability approach/wording in clause 87.12 (Accepted in Principle)

SRS values and methodology:

Accept in principle: replace VECP with Stressed Eye Closure in Table 114-7. SEC value of 2.5dB. Modify Clause 114.7.10 to reference to Clause 95.8.8 with exception of position of histograms, which will be at 0.45UI and 0.55 UI to match TDP. Also, histogram window width of 0.02 UI. Propose to make the SRS eye mask definition to match the Tx ones.

Resume discussion of shifting link budget up by 2.8dB to accommodate PIN detector technology (2:20pm)

Motion #3: Adopt the proposed parameters from huang_01_03cc_0117.pdf as the resolution to comments #57, 58 59, 60, 61, 62, 102, 103, 104, 105, 106, 107 and 108 with exception that receiver average received power (min) is -18.2 dBm and receiver OMA sensitivity (max) is -16.2 dBm

Moved by: Xi Huang Seconded by: Huanlin Zhang

Technical (>75%)

Y: 5 N: 8 A: 4 Motion *FAILS* (Room count 18)

{Koichi Tamura's presentation NOT given}

Break

61 comments in the bucket.

Motion #4: Adopt the resolution for comments in the EZ bucket list per tamura_04_3cc_0117.pdf, page2.

Moved by Koichi Tamura Seconded by Peter Jones

Approve proposed resolutions to “bucket list” of comments

Technical (>75%)

Y: 7 N: 0 A: 1 Motion passes.

Motion #5: Authorize the Chair to arrange a contingent interim meeting if needed to improve the chance of getting to Sponsor Ballot out of the March meeting

Moved by Peter Jones Seconded by KPJackson

Procedural (>50%)

Y: 8 N: 0 A: 0 Motion passes

Motion #6: Move to authorize the editor to prepare D2.1 and start a recirculation ballot.

Moved by Peter Jones; Seconded by KPJackson

Technical (>75%)

Y: 6 N: 0 A: 1 Motion passes

Motion #7: Adjourn. (4:08 pm)

Moved by Koichi T; Seconded by KPJackson

Passes by voice.

Adjourn.

Meeting Attendees:

Last Name	First Name	Company Affiliation
Lewis	David	Lumentum
Tamura	Koichi	Oclaro
Jackson	Kenneth	Sumitomo
Chen	David	AOI
Zhang	Huanlin	AOI
Kimber	Mark	Semtech
Uchiyama	Asami	Mitsubishi
Sone	Yoshiaki	NTT
Xuyu	Helen	Huawei
Xi	Huang	Huawei
Jones	Peter	Cisco
Chang	Frank	Inphi
Dudek	Mike	Qlogic (Cavium)
Wang	Haifei	Huawei
Dawe	Piers	Mellanox
Taylor	Bharat	Semtech

Ulrichs	Ed	Source Photonics
King	Jonathan	Finisar
Stassar	Peter	Huawei
Anslow	Pete	Ciena
Ghiasi	Ali	Quantum, LLC