

Unapproved Minutes  
**IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force Meeting**  
During IEEE 802.3 Plenary Meeting Week  
July 17, 2019  
Vienna, Austria  
Prepared by Mabud Choudhury

**Group Name:** IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force  
**Date/Location:** Wednesday, July 17, 2019. Vienna, Austria  
**Acting Chair:** Ken Jackson, affiliated with Sumitomo Electric  
**Chair:** Robert Lingle, Jr, affiliated with OFS  
**Chief Editor:** Jonathan Ingham, affiliated with FIT  
**Editor:** Jonathan King, affiliated with Finisar  
**Recording Secretary:** Mabud Choudhury, affiliated with OFS  
**Meeting Participants:** Attendance is listed in Appendix A (11 attendees)

**Note:** As Robert Lingle, Jr, Task Force Chair was unable to attend this meeting, Ken Jackson was Acting Task Force Chair.

**Call to order:**

IEEE P802.3cm 400 Gb/s over Multimode Fiber (400G over MMF) Task Force (TF) during IEEE 802.3 Vienna Plenary meeting was convened at 1:00 pm Central European Summer Time (CEST/UTC +2), Wednesday, July 17, 2019 by Ken Jackson, P802.3cm TF Acting Chair.

**Presentation #1:**

**Title:** "Agenda and General Information, IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force"  
**Presenter:** Ken Jackson  
[http://www.ieee802.org/3/cm/public/July19/agenda\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/agenda_3cm_01_0719.pdf)

Mr. Jackson welcomed attendees to the IEEE P802.3cm 400G over MMF TF meeting and requested meeting participants to introduce themselves.

Acting Chair covered Task Force decorum, which includes noting that there should be no recording or photography.

Mr. Jackson then proceeded with reviewing the **Agenda** and asked if there any modifications, additions or deletions? There were none.

**Motion #1:**

Move to approve the Agenda for Vienna Plenary TF meeting, Slide 2 of  
[http://www.ieee802.org/3/cm/public/July19/agenda\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/agenda_3cm_01_0719.pdf)

- Moved by James Young
- Seconded by Phong Pham
- Motion approved by voice vote without objection. (Procedural > 50%)

## Approve May 20, 2019 Minutes

### Motion #2:

Move to approve meeting minutes, previously posted, for May 20, 2019 IEEE P802.3cm Task Force meeting during Salt Lake City Interim:

[http://www.ieee802.org/3/cm/public/May19/unapproved\\_meeting\\_minutes\\_3cm\\_01\\_0519.pdf](http://www.ieee802.org/3/cm/public/May19/unapproved_meeting_minutes_3cm_01_0519.pdf)

- Moved by Earl Parsons
- Seconded by Phong Pham
- Motion approved by voice vote without objection. (Procedural > 50%)

Acting Chair then reviewed the goals for the meeting, big ticket items, access to the reflector and website, private area <http://www.ieee802.org/3/cm/private/index.html> (with username and password provided during meeting), TF contacts, and ground rules for the meeting.

**Attendance:** Mr. Jackson advised the group of the IEEE meeting attendance tool and procedures, including both the attendance book and the web attendance tracking tool <http://imat.ieee.org/>.

Acting Chair reviewed the IEEE structure for standards development and the bylaws by which the Task Force is governed.

**IEEE Patent Policy:** Mr. Jackson showed the patent slides 1 to 4 (slides 14 to 17 of [http://www.ieee802.org/3/cm/public/July19/agenda\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/agenda_3cm_01_0719.pdf)).

Mr. Jackson made the call for potentially essential patents at 1:07 pm CEST/UTC +2, and none responded.

Mr. Jackson showed slide 18 of [http://www.ieee802.org/3/cm/public/July19/agenda\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/agenda_3cm_01_0719.pdf) entitled "Participation in IEEE 802 Meetings."

The Acting Chair reviewed overall the IEEE 802.3 Standards process and where the P802.3cm TF was in that process: Working Group ballot phase, approaching Standards Association ballot phase.

The Acting Chair then showed the locations of the approved project documents – PAR, CSD and Objectives. He then reviewed the TF Timeline.

Acting Chair provided TF Working Group D2.1 ballot, 1st Working Group recirculation ballot, results: slide 27 of [http://www.ieee802.org/3/cm/public/July19/agenda\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/agenda_3cm_01_0719.pdf)

Titles and links for all presentations/contributions for this meeting were shown. There were no technical contributions for this meeting.

Schedule for TF meeting on Wednesday, July 17 and Thursday, July 18 were reviewed. Acting Chair indicated that meeting on Thursday, July 18 may not be necessary based on progress of agenda.

Future meeting dates and locations were reviewed.

## **Presentation #2:**

**Title:** “Editorial report and comment agenda”

**Presenter:** Jonathan Ingham

[http://www.ieee802.org/3/cm/public/July19/ingham\\_3cm\\_01\\_0719.pdf](http://www.ieee802.org/3/cm/public/July19/ingham_3cm_01_0719.pdf)

Chief Editor Jonathan Ingham presented status and results for D2.1 WG ballot, key dates associated with D2.1, comments received, comment distribution table, comment distributions by clause and by draft, meeting goals related to comment resolution, list of comments to be resolved (5 comments total) by Task Force during this meeting, and bucket motion for 14 comments.

## **Comment resolution began**

All proposed responses by Chief Editor to comments to be resolved and to comments listed in “bucket” [P802d3cm\\_D2p1\\_comments\\_proposed\\_bucket\\_by\\_clause.pdf](#) were discussed and accepted by Task Force group.

## **Comment resolution completed.**

### **Motion #3:**

Move to:

- Adopt responses to comments as closed in this meeting.
- Adopt proposed responses to remaining comments listed in [P802d3cm\\_D2p1\\_comments\\_proposed\\_bucket\\_by\\_clause.pdf](#)
- Generate Draft 3.0, from D2.1 and closed comments, for IEEE Standards Association ballot.

- Moved by: James Young                      2<sup>nd</sup>: Flavio Marques
- Technical: >= 75%
- Results: Yes: 8                      No: 0                      Abstain: 0
- Motion Passes!

Acting Chair reviewed the CSD <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf> with TF and asked if there were any comments, modifications, additions or deletions? There were none.

### **Motion #4:**

Move to:

- Move to re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf> and request approval to progress the P802.3cm draft to IEEE Standards Association ballot.

- Moved by: James Young                      2<sup>nd</sup>: Earl Parsons
- Technical: >= 75%
- Results: Yes: 6                      No: 0                      Abstain: 2
- Motion Passes!

Final responses to comments against D.20 were posted after the meeting:

[http://www.ieee802.org/3/cm/comments/P802p3cm\\_D2p1\\_comments\\_final\\_by\\_clause.pdf](http://www.ieee802.org/3/cm/comments/P802p3cm_D2p1_comments_final_by_clause.pdf)

[http://www.ieee802.org/3/cm/comments/P802p3cm\\_D2p1\\_comments\\_final\\_by\\_ID.pdf](http://www.ieee802.org/3/cm/comments/P802p3cm_D2p1_comments_final_by_ID.pdf)

Unsatisfied negative comments against D2.0 and D2.1 were also posted after the meeting:

[http://www.ieee802.org/3/cm/comments/P802d3cm\\_D2p1\\_to\\_D2p0\\_unsatisfied\\_by\\_clause.pdf](http://www.ieee802.org/3/cm/comments/P802d3cm_D2p1_to_D2p0_unsatisfied_by_clause.pdf)

[http://www.ieee802.org/3/cm/comments/P802d3cm\\_D2p1\\_to\\_D2p0\\_unsatisfied\\_by\\_ID.pdf](http://www.ieee802.org/3/cm/comments/P802d3cm_D2p1_to_D2p0_unsatisfied_by_ID.pdf)

**Straw Poll on Attendance for future P802.3cm Task Force Meetings:**

- Attend 802.3 interim, September 2019 Indianapolis, IN, USA:  
– Y: 7                  N: 1                  M: 2
- Attend 802.3 plenary, November 2019 Waikoloa Village, HI, USA:  
– Y: 9                  N: 0                  M: 1

**Motion #5:**

Move to Adjourn Plenary TF Meeting

- Moved by: Flavio Marques                          2<sup>nd</sup>: Jonathan Ingham
- Motion approved by voice vote without objection. (Procedural > 50%)

The TF Interim Meeting was adjourned at 1:53 pm CEST/UTC +2, Wednesday, July 17, 2019.

**Next Meeting:**

Next in-person IEEE 802.3cm Task Force meeting is scheduled for week of September 9<sup>th</sup>, 2019 for IEEE 802.3 Interim, Indianapolis, IN, USA.

**Appendix A: Attendees at the IEEE 802.3 400 Gb/s over Multimode Fiber Task Force during Vienna Plenary Meeting, 17 July 2019.**

11 individuals signed in on Wednesday, 17 July, 1:00 pm – 1:53 pm CEST/UTC +2

	<b>Last Name</b>	<b>First Name</b>	<b>Employer</b>	<b>Affiliation</b>	<b>17- July</b>
1	Choudhury	Mabud	OFS	OFS	x
2	Fukuoka	Takashi	AutoNetworks Tech.	Sumitomo Electric	x
3	Ingham	Jonathan	Foxconn Interconnect Technology	Foxconn Interconnect Technology	x
4	Jackson	Ken	Sumitomo Electric	Sumitomo Electric	x
5	Law	David	HPE	HPE	x
6	Marques	Flavio	Furukawa Electric LatAm	Furukawa Electric LatAm	x
7	Masuda	Takeo	OITDA/PETRA	OITDA/PETRA	x
8	Parsons	Earl	CommScope	CommScope	x
9	Pham	Phong	US Conec	US Conec	x
10	Young	James	CommScope	CommScope	x
11	Zivny	Pavel	Tektronix	Tektronix	x