

## IEEE P802.3ct Task Force Ad hoc Meeting

Teleconference, 21 February 2019

Unapproved Meeting Minutes, Prepared by John D'Ambrosia

Chaired by John D'Ambrosia

Meeting called to order at 10:04 am ET

Chair noted that this was a P802.3ct Task Force ad hoc call.

Chair asked everyone to reply to email sent out with name and employer / affiliation. Chair noted that this information was being collected for the purpose of recording attendance in the ad hoc teleconference minutes.

Chair requested that if anyone is having any issues calling into the webex to make him aware, so he can share with David Law.

### Presentation – Agenda and General Information

Presenter: John D'Ambrosia

URL: [http://www.ieee802.org/3/ct/public/adhoc/19\\_0221/agenda\\_3ct\\_01\\_190221.pdf](http://www.ieee802.org/3/ct/public/adhoc/19_0221/agenda_3ct_01_190221.pdf)

Chair asked if there were objections to the agenda. There were none and the agenda was approved.

Patent Policy slide set was shown - <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

Chair did call for potentially essential patents, and no one came forward.

IEEE 802 Participation slide was shown - <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pdf>

### Presentation – A Review of Industry Standards WD channel maps and recommendation to IEEE

Presenter: John DeAndrea

URL: [http://www.ieee802.org/3/ct/public/adhoc/19\\_0221/deandrea\\_3ct\\_01a\\_190221.pdf](http://www.ieee802.org/3/ct/public/adhoc/19_0221/deandrea_3ct_01a_190221.pdf)

#### *Discussion*

Presented noted that he found a discrepancy with the OIF 400ZR spec in relation to minimum channel frequency. Chair noted that he anticipated a liaison would be sent by the OIF for the March Plenary, and we should keep this discrepancy in mind when reviewing that liaison as part of a potential response to the OIF

It was asked if the list of standards considered were all of the standards out in the industry. During this discussion it was asked if Open ROADM had a specification that should be considered. Presented agreed this was a good point, and he would review for March.

There was discussion regarding the proposed number of channels, which was one less all of the other industry standards considered. Presenter noted his recommendation was based on cost considerations.

There was discussion regarding 75 versus 100 GHz spacing. It was noted that based on results from Jan Interim on this topic – there was no support for 75 GHz. Based on discussion, it is anticipated that this topic will be further discussed at the March Plenary meeting.

### Presentation – Towards Baseline for 400GBASE-ZR Optical Specs

Presenter: Ilya Lyubomirsky

URL: [http://www.ieee802.org/3/ct/public/adhoc/19\\_0221/lyubomirsky\\_3ct\\_01\\_190221.pdf](http://www.ieee802.org/3/ct/public/adhoc/19_0221/lyubomirsky_3ct_01_190221.pdf)

#### *Discussion*

There was discussion regarding the use of the OIF spec, which in prior liaison was noted as not supporting multi-vendor interoperability. It was suggested that some starting numbers be provided related to EVM in the baseline proposal.

There was further discussion regarding the proposed required 100GHz spacing and optional 75 GHz spacing. It was noted that objectives are for a physical layer specification, and it was not felt the current adopted objectives do not support multiple PMDs. Chair noted that individuals may wish to also review CSD / Broad Market Potential when proposing an additional objective being added.

There was discussion about the proposal needing to have something on spectral excursion.

There was discussion regarding 80 versus 120km. Discussion about process happened, Chair noting that the CSD document was developed based on 80km objective. Chair also noted that baseline proposals may be adopted with TBDs, but the document needs to be technically complete by the time WG ballot is requested.

There was discussion regarding terminology and approaches to writing optical specifications in the IEEE.

Chair reminded meeting attendees of the following –

1. Any individuals having any issues with calling into web from their country should make the chair aware of these issues.
2. Individuals should email the chair with their name/ employer / affiliation information.
3. Chair asked individuals to make their requests for presentation time at March plenary early, due to OFC.
4. Chair reminded individuals to take care of their hotel / registration for March.

Meeting adjourned at approximately 11:41 am ET.

#### Attendees

Name (Last)	Name (First)	Employer	Affiliation
Anslow	Peter	Ciena	Ciena
Baca	Rich	Microsoft	Microsoft
Brown	Matt	MACOM	MACOM
Cassidy	Derek	BT Ireland	ICRG/IET
Chang	Frank	Source Photonics	Source Photonics
D'Ambrosia	John	Futurewei, Subsidiary of Huawei	Futurewei, Subsidiary of Huawei
DeAndrea	John	Finisar	Finisar
Didde	Stephen	Keysight	Keysight
Ghiasi	Ali	Ghiasi Quantum	Ghiasi Quantum
Issenhuth	Tom	Issenhuth Consulting	Issenhuth Consulting, Huawei
Johnson	John	Broacom	Broadcom
Lapierre	Dominic	EXFO	EXFO
Lyubomirsky	Ilya	Inphi	Inphi
Malicoat	David	Malicoat Networking Solutions	Malicoat Networking Solutions Senko Advanced Components
Murray	Dale	LightCounting	LightCounting
Nering	Ray	Cisco	Cisco
Nicholl	Gary	Cisco	Cisco
Nicholl	Shawn	Xilinx	Xilinx
Parsons	Earl	CommScope	CommScope
Pham	Phong	US Conec	US Conec
Piehler	David	Dell-EMC	Dell-EMC
Rubio	Han	CMCC	CMCC
Sambasivan	Sam	AT&T	AT&T
Schmitt	Matt	CableLabs	CableLabs
Sone	Yoshiaki	NTT	NTT
Sprague	Ted	Infinera	Infinera
Stassar	Peter	Huawei	Huawei
Trowbridge	Steve	Nokia	Nokia
Zhang	Bo	Inphi	Inphi