

IEEE P802.3cw Optical Crosstalk Ad hoc Dec 21, 2020 Teleconference Meeting

Chaired by John D'Ambrosia

Unapproved Meeting Minutes, Prepared by John D'Ambrosia

Meeting called to order at 10:02 am ET (all times ET)

Presentation #1 Agenda and General Information

Presenter: John D'Ambrosia

URL: https://www.ieee802.org/3/cw/public/adhoc/20_1221/agenda_3cw_a_201221.pdf

The chair reviewed the agenda of the meeting.

The chair noted that Peter Stassar had made a late contribution, "Updated black link configuration figure in 154.6." which was key to the presentation that D'Ambrosia provided. There were no objections to hearing the presentation.

There were no objections to approving the meeting agenda, and it was considered approved.

09-Dec-2020 Minutes -

https://www.ieee802.org/3/cw/public/adhoc/20_1209/minutes_3cw_a_201209_unapproved.pdf

The chair asked if there were any requests to modify the minutes of the Dec 09 ad hoc meeting. There were none.

Chair asked if there were any objections to approving the minutes, there were none, and the minutes were considered approved.

The chair reviewed the new updated charter of the ad hoc.

Chair asked if anyone needed to review the policies at that time – there were no requests to do so.

The chair noted that the agenda for today's call was not discussion on the proposed crosstalk methodology, but discussion about how to effectively communicate it.

Presentation #2 Updated black link configuration figure in 154.6

Presenter Peter Stassar

URL https://www.ieee802.org/3/cw/public/adhoc/20_1221/stassar_3cw_01_201221.pdf

There was discussion.

Presentation #3 Communication of Optical Crosstalk Specification Approach

Presenter John D'Ambrosia

URL https://www.ieee802.org/3/cw/public/adhoc/20_1221/dambrosia_3cw_01a_201221.pdf

Chair asked that comments be kept to questions of clarification before jumping into general discussion. There were general questions of clarification.

General discussion about the approach to effectively communicate the currently proposed crosstalk methodology.

Different approaches outlined by the two different presentations were compared with ITU-T Figure 1.3 from G.698.2.

The group agreed on the following general statements about the approach to be taken –

- Simpler graphical approach with additional descriptive text (no graphical representation of characterization of different wavelengths)
- Indexing of Tx/Rx, Test Points should be used
- The figure should be labeled – and it was agreed to use the current term "black link" in the figure (though there was disagreement on this call whether that term should be used)

- Identify potential terminology & take care of their definition. Example terms included - victim wavelength, through wavelength, aggressor channels, alien crosstalk.
- The figure needs a note that the figure illustrates links going in only one direction. It was also discussed that an additional note to address the potential implementation of DWDM links multiplexed onto a single fiber going in both directions needed to be considered.

Chair noted he would be working offline to consider future meetings for the ad hoc.

Meeting adjourned at 11:15am.

Attendees

Bruckman, Leon	Huawei
D'Ambrosia, John	Futurewei (U.S. Subsidiary of Huawei)
Issenhuth, Tom	Huawei Technologies Co., Ltd
Jost, John	MicroR
Law, David	Hewlett Packard Enterprise
Lemon, Geng	Huawei
Malicoat, David	Independent / Senko
Maloney, Chris	VPIphotonics
Maniloff, Eric	Ciena Corporation
Morkel, Paul	ADVA
Park, Chul Soo	Juniper Networks, Inc.
Stassar, Peter	Huawei Technologies Co., Ltd
Wang, Xinyuan	Huawei
Williams, Tom	Acacia Communications
Zimmerman, George	CME Consulting
	Affiliation: ADI, Cisco Systems, CommScope, Marvell, SenTekSe