

IEEE P802.3dj Task Force – Annex 178B Ad hoc meeting

0 Jun 2026 Ad hoc Electronic Teleconference Meeting

Unapproved Meeting Minutes, Prepared by John D'Ambrosia

Meeting called to order at 10:02 am (all times ET) by John D'Ambrosia, Annex 178B Ad hoc Chair.

The chair reminded participants to declare their affiliation in the online meeting tool. Failure to do so would result in expulsion from the meeting.

Presentation #1	Agenda and General Information
Presenter	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/agenda_178b_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/agenda_178b_260603.pdf</a>

The chair asked if there were any modifications to the agenda (See slide #3) – there were none.

There were no objections to the approval of the agenda, and it was considered approved by unanimous consent.

The chair reviewed meeting decorum slides See Slides #4-5.

Chair noted goals for the session. See Slide #6.

Chair reviewed Annex 178B ad hoc formation information. See Slide #7.

Chair presented Task Force project information. See Slide #8.

Slide #9 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the ad hoc reflector in the meeting invite, and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy and IEEE Code of Ethics

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

Chair presented Slide #16. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented Slide #21. Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair reminded participants of the IEEE Code of Ethics and Conduct. See slide #24 He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented Slide #25. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

Chair presented Slide #26. Chair noted that IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints.

The chair reminded participants to declare their affiliation in the online meeting tool.

The chair noted that individuals should fill out IMAT information for attendance.

Presentation #2	APSU FSMs for coherent interfaces
Presenter	<b>Tom Huber</b>
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/huber_178b_01_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/huber_178b_01_260603.pdf</a>

There were discussions and questions.

Chair reminded everyone to take care of IMAT.

Presentation #3	APSU Fault Handling considerations
Presenter	Luz Osorio
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/osorio_178b_01a_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/osorio_178b_01a_260603.pdf</a>

There were discussions and questions.

The presenter noted the following errors in the presentation

- Slide #10 - text box in right corner should be deleted
- Slide #5 – variable should be renamed to local\_ISL\_ready

An update to the presentation will be sent (shown above) after the meeting is over.

Presentation #4	APSU saved coefficients function
Presenter	Luz Osorio
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/osorio_178b_02a_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/osorio_178b_02a_260603.pdf</a>

There were discussions and questions.

On Page 6 the author noted that the state machine diagram on the right side of Page 6 needed to be corrected to the current diagram in the draft.

An update to the presentation will be sent (shown above) after the meeting is over.

#### Straw Poll #1

I support further development of the “APSU saved coefficients function” proposal in osorio\_178b\_02a\_260603

- Yes
- No
- Abstain.

#### Results:

- Y: 10
- N: 10
- Abstain: 2

The chair advised the presenter that if further work on this proposal was going to be pursued, consensus building and a complete proposal would be needed, otherwise given project schedule issues, some might object to this proposal.

Break @ 11:53 am

Reconvened @ 11:58 am

Presentation #5	Indication of support for recovery states
Presenter	Jeff Slavick
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/slavick_178b_01a_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/slavick_178b_01a_260603.pdf</a>

There were discussions and questions.

Update slide #7 change the name of the two support variables to what is on Slide #5.

Typo on Slide #8 nee

An update to the presentation will be sent (shown above) after the meeting is over.

Presentation #6	The role of LOCAL_PATTERN mode in the ILT function
Presenter	Marco Mascitto
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/mascitto_178b_01_260603.pdf">https://www.ieee802.org/3/dj/public/adhoc/178b/26_0603/mascitto_178b_01_260603.pdf</a>

There were discussions and questions. In general there appeared to be interest in language that could provide further clarification regarding transmitter training. The chair encouraged the ad hoc to review D3.1 for this issue when it is released, and be prepared to discuss at the June 25 Annex 178B Ad hoc meeting.

The chair reviewed future meetings.

Meeting adjourned at 1:08 pm ET.

## Attendees

Last Name	First Name	Affiliation	Employer
Bernier	Eric	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Bruckman	Leon	NVIDIA	NVIDIA
D'Ambrosia	John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
de Koos	Andras	Microchip Technology, Inc.	Microchip Technology Inc
Dsilva	Hansel	Amphenol Corporation	
Dudek	Michael	Marvell	Marvell
Ghiasi	Ali	Ghiasi Quantum LLC, MARVELL	Ghiasi Quantum LLC
He	Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey	Adam	Broadcom Inc.	Broadcom Inc.
Heck	Howard	Intel Corporation	TE Connectivity
Huber	Thomas	Nokia	Nokia
Kutscher	Noam	Marvell	Marvell Semiconductor, Inc.
Li	Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lusted	Kent	Synopsys, Inc.	Synopsys, Inc.
Maki	Jeffery	Juniper Networks, Inc.	Hewlett Packard Enterprise
Mascitto	Marco	Nokia	Infinera Canada Inc.
mi	guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mosavirik	Tahoura	Amphenol Corporation	
Nicholl	Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt	David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Opsasnick	Eugene	Broadcom Inc.	Broadcom Inc.
Osorio	Luz	Nokia	
Ran	Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Razavi	Alireza	Infineon Technologies	Marvell
Ren	Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sakai	Toshiaki	Socionext	Socionext Inc.
Shakiba	Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Slavick	Jeff	Broadcom Inc	Broadcom Inc
Sun	Wensheng	Credo Semiconductor	Marvell Semiconductor, Inc.
WANG	Xuebo	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Watanabe	Yojiro	Mitsubishi Electric Corporation	Mitsubishi Electric US, Inc.