

Meeting called to order on 31 May 2023 at 9:05 am ET (all times ET) by John D'Ambrosia, who was chairing the meeting.  
Chair noted that individuals should fill out IMAT information for attendance.

**Presentation #1                      Agenda and General Information**  
Presenter:                      John D'Ambrosia  
URL                                      [https://www.ieee802.org/3/cw/public/23\\_06/agenda\\_3cw\\_2306.pdf](https://www.ieee802.org/3/cw/public/23_06/agenda_3cw_2306.pdf)

The chair asked if there were any modifications for the agenda (See slide #2) – there were none. Update agenda modified during discussion.

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

Minutes –

- Oct 2022 - [https://www.ieee802.org/3/cw/public/22\\_10/minutes\\_3cw\\_2210\\_unapproved.pdf](https://www.ieee802.org/3/cw/public/22_10/minutes_3cw_2210_unapproved.pdf)

The chair asked if there were any corrections to the minutes. There were none, and they were considered approved by unanimous consent.

The chair reviewed meeting decorum. See Slide #3.

The chair reviewed Task Force project information. See Slide #4.

The chair noted an email had been sent out to the reflector reminding individuals to review the following IEEE SA policies. The chair noted that he would be adding the URL to the email reminder on the slide in an update to the agenda. See Slide #5-

- IEEE SA Participation Policy
- IEEE SA Copyright Policy
- IEEE SA Patent Policy

Chair asked if anyone needed any of these policies reviewed in-depth. There were no requests.

Chair presented the second slide (See Slide #22) of the IEEE SA Participation Policy slides. 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 the third slide (See Slide #27) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #32) of the IEEE SA Copyright Policy slides. 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.”

**Presentation #2                      Chief Editor's Report**  
Presenter                      Tom Issenhuth  
URL                                      [https://www.ieee802.org/3/cw/public/23\\_06/issenhuth\\_3cw\\_01\\_2306.pdf](https://www.ieee802.org/3/cw/public/23_06/issenhuth_3cw_01_2306.pdf)

Consideration of comments submitted against D2.1 began at  $\approx$  9:15 am, led by Tom Issenhuth, Chief Editor.

Meeting break @ 10:50am

Meeting reconvened @ 11:01am

Consideration of comments continued.

Consideration of comments ended for day @ 1pm.

Meeting recessed for day @ 1pm

IEEE P802.3cw Task Force June 2023 Series Electronic Interim Teleconference Meeting  
Unapproved Meeting Minutes, Prepared by John D'Ambrosia

Meeting called to order on 01 June 2023 at 9:02 am ET (all times ET) by John D'Ambrosia, who was chairing the meeting.  
Chair noted that individuals should fill out IMAT information for attendance.

Consideration of comments submitted against D2.1 began at  $\approx$  9:03 am, led by Tom Issenhuth, Chief Editor.

During Comment #45, it was noted that this differed than the response to Comment #213. There were no objections to re-opening Comment #213.

During consideration of Comment #52, D'Ambrosia chaired the meeting while the following presentation was given:

<b>Presentation #3</b>	<b>Comment #52 Supporting Presentation</b>
Presenter	Leon Bruckman
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/bruckman_3cw_01a_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/bruckman_3cw_01a_2306.pdf</a>

There were questions of clarification and discussion about the presentation.

@ 10:22 Tom Issenhuth resumed leading consideration of comments.

Meeting break @ 10:57am

Meeting reconvened @ 11:02am

Consideration of comments continued.

Consideration of comments ended @ 12:58pm.

Chair noted that he and the Chief Editor would be meeting tomorrow and announcement about next week's meetings regarding comment consideration would come out end of day Friday, 02 June.

Meeting recessed for day @ 1pm

IEEE P802.3cw Task Force June 2023 Series Electronic Interim Teleconference Meeting  
Unapproved Meeting Minutes, Prepared by John D'Ambrosia

Meeting called to order on 05 June 2023 at 9:05 am ET (all times ET) by John D'Ambrosia, who was chairing the meeting.

Chair noted that individuals should fill out IMAT information for attendance.

The chair noted email reminders have been sent out previously to the reflector reminding individuals to review the following IEEE SA policies.

See Slide #5-

- IEEE SA Participation Policy
- IEEE SA Copyright Policy
- IEEE SA Patent Policy

Chair asked if anyone needed any of these policies reviewed in-depth. There were no requests.

Chair presented the second slide (See Slide #22) of the IEEE SA Participation Policy slides. 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 the third slide (See Slide #27) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #32) of the IEEE SA Copyright Policy slides. 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.”

Consideration of comments submitted against D2.1 began at 9:02 am, led by Tom Issenhuth, Chief Editor.

Meeting break @ 11:00am

Meeting reconvened @ 11:05am

Consideration of comments continued.

Meeting recessed for day @ 12:58pm

Meeting called to order on 06 June 2023 at 9:00 am ET (all times ET) by John D'Ambrosia, who was chairing the meeting.  
Chair noted that individuals should fill out IMAT information for attendance.

Consideration of comments submitted against D2.1 began at 9:03 am, led by Tom Issenhuth, Chief Editor.

During consideration of Comment #247, D'Ambrosia chaired the meeting while the following presentation was given:

<b>Presentation #4</b>	<b>Comment #247: Signal Detect Level for 400GBASE-ZR</b>
Presenter	Eric Maniloff
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/maniloff_3cw_02a_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/maniloff_3cw_02a_2306.pdf</a>

There were questions of clarification and discussion about the presentation.

A typo was noticed during the presentation on Slide #4. An update (noted above) will be sent to the chair for posting.

Tom Issenhuth resumed leading consideration of comments.

During consideration of Comment #251, D'Ambrosia chaired the meeting while the following presentation was given:

<b>Presentation #5</b>	<b>Comment #251: Adjacent Channel Spectral Isolation Definition for 802.3cw</b>
Presenter	Eric Maniloff
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/maniloff_3cw_01_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/maniloff_3cw_01_2306.pdf</a>

There were questions of clarification and discussion about the presentation.

Tom Issenhuth resumed leading consideration of comments.

For Comment #284 – Straw Poll #1 was taken.

Straw Poll #1 – Do you support the addition of a graph as part of the resolution to this comment to further define adjacent channel isolation

Yes – 5

No – 6

Meeting break @ 10:55am

Meeting reconvened @ 11:00am

Consideration of comments continued.

During consideration of Comment #246, a late presentation request was made by Leon Bruckman. There were no objections to hearing it. D'Ambrosia chaired the meeting while the following presentation was given:

<b>Presentation #6</b>	<b>Response to comment #246</b>
Presenter	Leon Bruckman
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/bruckman_3cw_02_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/bruckman_3cw_02_2306.pdf</a>

During the presentation there was additional CRG discussion resulting in updates to the presentation that are captured in the presentation noted above. It was noted during this discussion that further offline consensus building was necessary to try and resolve the comment.

Based on the status of remaining comments, the Chair cancelled the Wed 07 Jun 802.3cw meeting.

Meeting recessed for day @ ≈12:50pm.

Meeting called to order on 08 June 2023 at 9:00 am ET (all times ET) by John D'Ambrosia, who was chairing the meeting.

Chair noted that individuals should fill out IMAT information for attendance.

Chair noted that he had received late presentation requests and assumed as the presentations were to close comments, there would be no objections. The chair asked if anyone objected, and no one did.

Chair also noted plans for the remainder of the call, noting anticipated motions at end of call.

Consideration of comments submitted against D2.1 began at 9:08 am, led by Tom Ippen, Chief Editor.

During consideration of Comment #71, D'Ambrosia chaired the meeting while the following presentation was given –

<b>Presentation #7</b>	<b>Addressing comment #71</b>
Presenter	Adee Ran
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/ran_3cw_01_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/ran_3cw_01_2306.pdf</a>

Comment consideration, led by Tom Ippen, resumed at 9:43am.

During consideration of Comment #71, Straw Poll #2 was taken.

Straw Poll #2

I support implementing any of the changes documented in  
[https://www.ieee802.org/3/cw/public/23\\_06/ran\\_3cw\\_01\\_2306.pdf](https://www.ieee802.org/3/cw/public/23_06/ran_3cw_01_2306.pdf).

Yes: 7

No: 4

During discussion of the proposed response, it was noted that the scope of the changes would be limited to 400GBASE-ZR per the scope of the IEEE 802.3cw. The commenter withdrew comment #71.

During consideration of Comments #103, 182, and 19071 (~10:15am), D'Ambrosia chaired the meeting while the following presentation was given –

<b>Presentation #8</b>	<b>Resolving D2.1 Comments 103, 182, 190</b>
Presenter	Tom Huber
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/huber_3cw_01_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/huber_3cw_01_2306.pdf</a>

Comment consideration, led by Tom Ippen, resumed at 9:43am.

During consideration of Comment #246 (~10:29am), D'Ambrosia chaired the meeting while the following presentation was given –

<b>Presentation #9</b>	<b>Update – Response to comment #246</b>
Presenter	Leon Bruckman
URL	<a href="https://www.ieee802.org/3/cw/public/23_06/huber_3cw_01_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/huber_3cw_01_2306.pdf</a>

Comment consideration, led by Tom Ippen, resumed at 10:40 am.

Meeting break @ 10:49am

Meeting reconvened @ 10:55am

Consideration of comments continued.

During consideration of Comments #xx (≈ 11:50 am), D'Ambrosia chaired the meeting while the following presentation was given –

**Presentation #10**      **EVM definitions and updates**  
Presenter              Mike Sluyski  
URL                      [https://www.ieee802.org/3/cw/public/23\\_06/sluyski\\_3cw\\_01\\_2306.pdf](https://www.ieee802.org/3/cw/public/23_06/sluyski_3cw_01_2306.pdf)

Comment consideration, led by Tom Issenhuth, resumed at 12:04 pm.

Comment consideration ended at 12:40 pm.

Issenhuth chaired the call while D'Ambrosia gave the next presentation.

**Presentation #11**      **IEEE P802.3cw Timeline Update Discussion**  
Presenter              John D'Ambrosia  
URL                      [https://www.ieee802.org/3/cw/public/23\\_06/dambrosia\\_3cw\\_01\\_2306.pdf](https://www.ieee802.org/3/cw/public/23_06/dambrosia_3cw_01_2306.pdf)

Motion #1	Move to adopt proposed updated timeline for IEEE P802.3cw per <a href="https://www.ieee802.org/3/cw/public/23_06/dambrosia_3cw_01_2306.pdf">https://www.ieee802.org/3/cw/public/23_06/dambrosia_3cw_01_2306.pdf</a>
Moved by	Tom Issenhuth
Second by	Leon Bruckman
Motion	Technical (802.3 voters, >=75%)
Vote (y/n/a)	7 / 2 / 0
Results	Motion Passes

	Attendee	Vote
1	Ali Ghiasi	Yes
2	Jeff Slavick	Yes
3	Leon Bruckman	Yes
4	Matt Brown	Yes
5	Mike Sluyski	Yes
6	Piers J.G. Dawe	No
7	Thomas Huber	Yes
8	Tom Issenhuth	Yes
9	William Simms	No

Chair reminded group that bucket comments had been closed during the May 2023 Interim, and showed slide#16 of [https://www.ieee802.org/3/dj/public/23\\_05/motions\\_3cwdfdj\\_2305.pdf](https://www.ieee802.org/3/dj/public/23_05/motions_3cwdfdj_2305.pdf).

Motion #2	Move that the IEEE P802.3cw Task Force: <ul style="list-style-type: none"><li>• Adopt responses to comments as closed.</li><li>• Generate Draft 2.2 for the second WG Ballot Recirculation from D2.1 and closed comments.</li></ul>
Moved by:	Tom Issenhuth
Second by:	Leon Bruckman
Motion	Technical (802.3 voters, >=75%)
Vote	Approved by unanimous consent
Results	Motion Passes

Session adjourned at 12:59 pm.



Attendees

Name	Employer	Affiliation	31-May	1-Jun	5-Jun	6-Jun	8-Jun
Brown, Matthew	Huawei Technologies Canada	Huawei Technologies Canada					X
Bruckman, Leon	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X	X
Chang, Yongmao	Inphi Corporation	Source Photonics					X
Chen, Chan	Self Employed	Self Employed	X	X	X	X	
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei	X	X	X	X	X
Dawe, Piers J G	NVIDIA	Nvidia	X	X	X	X	X
Deandrea, John	Finisar Corporation	Finisar Corporation	X	X	X		
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.		X	X	X	X
Huber, Thomas	Nokia	Nokia	X	X	X	X	X
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd	X	X	X	X	X
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD	X		X	X	X
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise			X		
Le Cheminant, Greg	Keysight Technologies	Keysight Technologies	X				
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X	X
Maniloff, Eric	Ciena Corporation	Ciena Corporation	X	X	X	X	
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X		X	X
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.	X				
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X		
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X	X
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.	X	X	X	X	X
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.	X		X		X
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd			X		

Sambasivan, Sam	AT&T	AT&T	X	X	X		
Sheffi, Nir		Banias Labs	X	X	X	X	
Slavick, Jeff	Broadcom Inc	Broadcom Inc		X	X	X	
Sluyski, Mike		Cisco Systems, Inc.			X	X	X
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X				
Tracy, Nathan	TE Connectivity	TE Connectivity			X		
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.	X				