

Agenda and General Information

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber
Task Force

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OFS

Ad Hoc Teleconference, June 24, 2021

Meeting

- Attendance

- Please use <http://imat.ieee.org/> to record attendance
- → Click on “IEEE P802.3db Task Force Meeting” 24-Jun-2021
- Session code/password (provided during meeting):
- → Click on “C/LM/WG802.3 Attendance”
- → Click on yellow bar for .3db meeting. Bar will turn green.
- Attendance record based on IMAT only
- Please add your affiliations to your names in the Webex participants list, or else list your name with affiliation in the Webex chat window ([Meeting requirement](#))

- Webex

- Please mute your lines if you are not speaking
 - *6 to mute/unmute or click on mute button in the WebEx window
- Noisy, unmuted lines will be muted by the WebEx organizer
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Proposed Agenda

- Meeting Attendance and Webex
- Approve Agenda
- Reflector and Web
- Private Area
- IEEE
 - Call for Patents. IEEE Patent Policy reminder: <http://www.ieee802.org/3/patent.html>
 - IEEE Copyright reminder: <https://standards.ieee.org/ipr/index.html>
 - IEEE Participant reminder: <http://www.ieee802.org/devdocs.shtml>
- Editors' Report
- Contributions
 - "Minimum SECQ Change to Allow Receiver Sensitivity Margin" - Yi Tang (Cisco), Gary Nicholl (Cisco)
- Future meetings

Reflector and Web

- To subscribe to the IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force reflector, send an email to:

ListServ@ieee.org

with the following in the body of the message (do not include “<>”):

subscribe **stds-802-3-100GSR** *<yourfirstname>* *<yourlastname>*

- Send IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force reflector messages to:

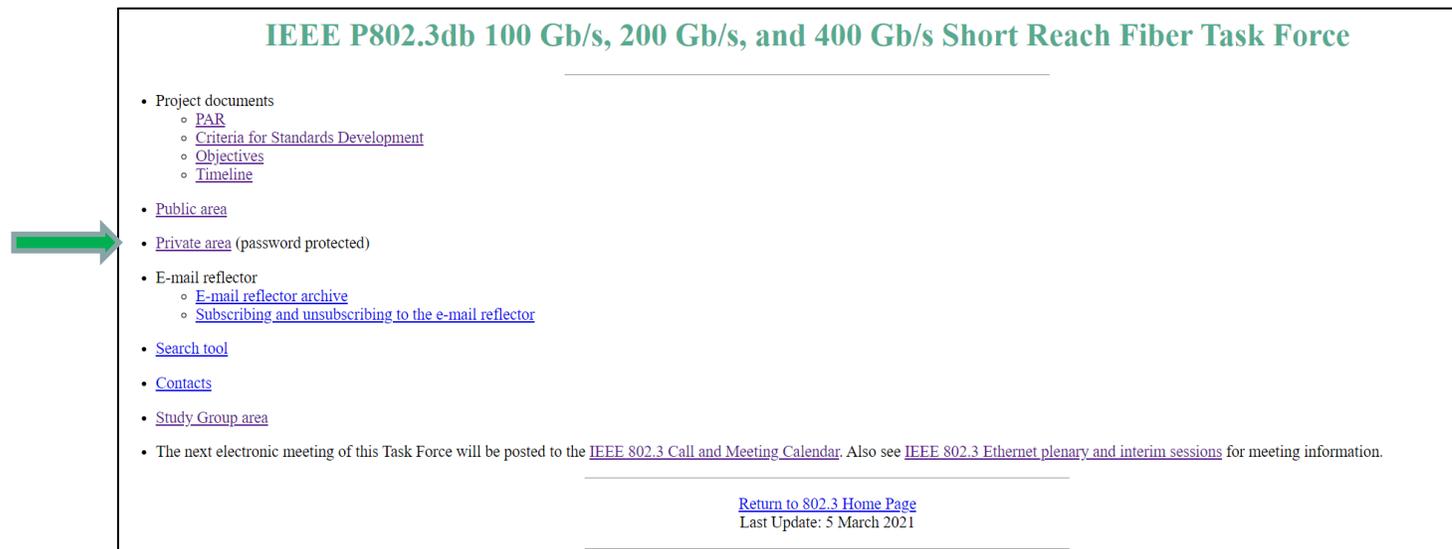
STDS-802-3-100GSR@listserv.ieee.org

- Task Force web page URL:

<http://ieee802.org/3/db/index.html>

TF Private Area

- All drafts of standard are posted in password-protected Private area:
 - <https://www.ieee802.org/3/db/private/index.html>
- Username:
- Password:
- (802.3 WG Private area Username and Password will also work)



IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force

- Project documents
 - [PAR](#)
 - [Criteria for Standards Development](#)
 - [Objectives](#)
 - [Timeline](#)
- [Public area](#)
- [Private area](#) (password protected)
- E-mail reflector
 - [E-mail reflector archive](#)
 - [Subscribing and unsubscribing to the e-mail reflector](#)
- [Search tool](#)
- [Contacts](#)
- [Study Group area](#)
- The next electronic meeting of this Task Force will be posted to the [IEEE 802.3 Call and Meeting Calendar](#). Also see [IEEE 802.3 Ethernet plenary and interim sessions](#) for meeting information.

[Return to 802.3 Home Page](#)
Last Update: 5 March 2021

PARTICIPANTS HAVE A DUTY TO INFORM THE IEEE

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

WAYS TO INFORM IEEE

- **Cause an LOA to be submitted to the IEEE SA (patcom@ieee.org); or**
- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

OTHER GUIDELINES FOR IEEE WORKING GROUP MEETINGS

- All IEEE SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
 - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
 - Don't discuss specific license rates, terms, or conditions.
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - Technical considerations remain the primary focus.
 - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
 - Don't discuss the status or substance of ongoing or threatened litigation.
 - Don't be silent if inappropriate topics are discussed. Formally object to the discussion immediately.

For more details, see *IEEE SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

PATENT-RELATED INFORMATION

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE SA Standards Board Bylaws***
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- ***IEEE SA Standards Board Operations Manual***
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE SA
Standards Board Patent Committee
Administrator at patcom@ieee.org**

IEEE SA COPYRIGHT POLICY

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.

- Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
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Participants in the IEEE-SA “*individual process*” shall act independently of others, including employers

- The [IEEE-SA Standards Board Bylaws](#) require that “*participants in the IEEE standards development individual process shall act based on their qualifications and experience*”
- This means participants:
 - **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
 - **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
 - **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions
- 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

Editors' Report

- "802.3db Editors' Report" - Earl Parson (CommScope), Ramana Murty (Broadcom):
 - [editors_report_3db_adhoc_01_062421.pdf](#)

Contribution

- "Minimum SECQ Change to Allow Receiver Sensitivity Margin" - Yi Tang (Cisco), Gary Nicholl (Cisco):
 - [tang_3db_adhoc_01_062421.pdf](#)

Contributions required to resolve TBDs

- Recall that a complete & technically sound baseline was presented in December by Ramana.
- TBDs in the draft were based on interest in making different trade-offs between relative costs of Tx & Rx.
- Contributions & consensus building are required to resolve the TBDs. TF discussion on 5/27 resulted in planned contributions below.
- The TF can default to the original proposals from December, if needed.

TBD	Owner	Date
Center wavelength	Dave Lewis	24-Jun
TDECQ	Piers Dawe	July
# taps on the reference equalizer	Piers Dawe	July
Stressed receiver sensitivity (OMA outer), each lane (max)	Yi Tang	10-Jun
Over/undershoot	Ramana Murty	July
TDECQ calculation method	Ali, Greg	July
Constraints on tap coefficients	Piers Dawe	July?

Future Meetings

- See: <http://ieee802.org/3/calendar.html> and <http://ieee802.org/3/interims/index.html>
- P802.3db TF Ad Hoc Teleconferences are currently scheduled:
 - Biweekly on Thursdays at 12 Noon to 2 pm Eastern US (EST/UTC -5):
<http://www.ieee802.org/3/db/public/adhoc/index.html>
 - Next Ad Hoc meeting: Thursday, August 5, 2021, 12 Noon to 2 pm Eastern Daylight US (EDT/UTC -4)
 - Ad hoc meetings will be converted to TF interims when TF business requires
- TF Interim and Plenary Meetings:
 - On TF interim & plenary teleconferences, only 802.3 voters may vote on TF motions
 - Next TF Interim meeting: Thursday, July 1, 2021, 12 Noon to 3 pm Eastern Daylight US (EDT/UTC -4)
 - Next TF Plenary meeting: Monday, July 19, 2021, 12 Noon to 3 pm Eastern Daylight US (EDT/UTC -4)
- July IEEE 802.3 WG Plenary session will be virtual, **12-15 & 19-22 July 2021**
 - Remember to Register (\$50 before June 30th, \$75 after)

Thank You!