

# Meeting Minutes

**Group:** IEEE 802.3 Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs (NGBiDi) Task Force

**Event:** Plenary meeting

**Date:** 11 March 2019      **to:** 12 March 2019

**Location:** Vancouver BC Canada

## Opening

**3/11/2019 2:05 PM** The meeting was called to order by Frank Effenberger the Task Force Chair. Duane Remein volunteered to serve as recording secretary.

*Unless noted otherwise all files referenced in these minutes are located at the following URL:  
<http://www.ieee802.org/3/cp/public/1903/>.*

Introductions were made and the Chair proposed an agenda.

### **Motion # 1**

Move to approve the agenda as shown in 0319\_BiDi\_Task\_Force\_agenda.pdf.

Moved: Duane Remein                      Second: Mark Laubach

Procedural ( >50%)    Motion Passed by Voice without opposition

### **Motion # 2**

Move to approve the minutes from January 2019, located at:

[http://www.ieee802.org/3/cp/public/1901/minutes\\_unapproved\\_NGBiDi\\_TF\\_011419\\_LongBeach\\_r1.pdf](http://www.ieee802.org/3/cp/public/1901/minutes_unapproved_NGBiDi_TF_011419_LongBeach_r1.pdf).

Moved: Duane Remein                      Second: Marek Hajduczenia

Procedural ( >50%)    Motion Passed by Voice without opposition

The chair gave his opening report (see 0319\_BiDi\_Task\_Force\_agenda.pdf) including: meeting goals, big ticket items, TF private area, IEEE structure, and by-laws.

**2:16 PM** The Chair made a call for patents; no response was made.

The chair reviewed slides covering meeting guidelines, patent-related information, meeting participation, IEEE process.

The chair briefly reviewed project documents and presented a proposal for a timeline.

## Presentations and Project Documentation

All presentations are in the following format:

Presentation # #

<b>Title</b>	<b>Presenter</b>	<b>affiliation</b>
Comments		
Filename: FileRef		

Presentation # 1

**Top Level Draft Outline**    Duane Remein    Futurewei

This presentation proposed a top level outline for the draft based on previous work 10/25/50G PHYs.

Filename: 1903\_remein\_3cp\_1.pdf.

Presentation # 2

**Clause 56 Details**

Duane Remein

Futurewei

This presentation proposed detailed text for Clause 56, several changes were made based on comment from the floor and are in the file names below.

Filename: 1903\_remein\_3cp\_4a.pdf

**3:10 PM** The TF took a break, reconvened at 3:40

Presentation # 3

**Clause 200 Details**

Duane Remein

Futurewei

This presentation proposed detailed text for "Clause 200" (a temporary number pending request from the WG Vise Chair for official clause numbers) covering the 10G BiDi PHY. This text was based on Clause 52 (10G PHY) with consideration of Clause 59 (1G BiDi PHY).

Filename: 1903\_remein\_3cp\_3.pdf

Presentation # 4

**Clause 202 Details**

Duane Remein

Futurewei

This presentation proposed detailed text for "Clause 201" (a temporary number pending request from the WG Vise Chair for official clause numbers) covering the 25G BiDi PHY. This text was based on Clause 114 (25G PHY).

Filename: 1903\_remein\_3cp\_2.pdf

Presentation # 5

**Clause 203 Details**

Duane Remein

Futurewei

This presentation proposed detailed text for "Clause 202" (a temporary number pending request from the WG Vise Chair for official clause numbers) covering the 50G BiDi PHY. This text was based on Clause 139 (50G PHY).

Filename: 1903\_remein\_3cp\_5.pdf

Presentation # 6

**Bidirectional Wavelength plan review**

Frank Effenberger

Huawei

This presentation reviewed optical component. The group discussed several optical wavelength options.

Filename: /1903\_effenberger\_3cp\_1a.pdf

## Motions & StrawPolls

**StrawPoll# 1**

For 10G, all distances, use 1330 nm down, 1270 nm up.

Agree: 7

Disagree: 0

Abstain: 1

**5:30 PM** the group reviewed an incoming liaison from ITU-T SG15/Q2 regarding BiDi optical specifications including an attachment of their current draft.

**StrawPoll# 2**

Use 1270 nm for upstream at all speeds, all reaches as a starting point.

Agree: 7

Disagree: 0

Abstain: 1

5:53 PM recessed for the day.

3/12/2019 8:07 AM the TF reconvened.

The chair reviewed a proposed liaison response to ITU-T SG15/Q2.

The Chair assigned Duane Remein as the Chief Editor for the Task Force.

<p><b>Motion # 3</b> Move to approve the following files as baseline for the draft (magenta text to be included in the draft but is not considered baseline). 1903_remein_3cp_1.pdf – Draft outline 1903_remein_3cp_4a.pdf – Clause 56 1903_remein_3cp_3.pdf – Clause (10G BiDi PMDs) 1903_remein_3cp_2.pdf – Clause (25G BiDi PMDs) 1902_remein_3cp_5.pdf – Clause (50G BiDi PMDs) Authorize the Editor to obtain 4 clause numbers from the WG Secretary for a common Clause (i.e., silent start), Clause 10G BiDi, 25G BiDi, and 50G BiDi PMDs and update the text as appropriate, and create Draft 0.1 from all baseline material. Moved: Duane Remein                      Second: Marek Hajduczenia For: 7                      Against: 0                      Abstain: 0 Technical ( ≥ 75%)</p>	Motion Passed
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<p><b>Motion # 4</b> Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_SG15_0319_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T SG15/Q2. Moved: Marek Hajduczenia                      Second: Vince Ferretti For: 7                      Against: 0                      Abstain: 0 Technical ( ≥ 75%)</p>	Motion Passed
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## Closing

9:12 AM the Chair gave his closing report

Future meeting polls were taken.

Location (start date)	Planned attendance		
	Will	Will Not	May
Salt Lake UT (5/20/19)	7	0	0
Vienna Austria (7/15/19)	7	0	2

The Chair proposed holding one or more teleconferences (assuming sufficient contributions).

Draft 0.1 is expected to be available within 2 weeks. A 4 week review is expected and comments via the normal process will be accepted.

<p><b>Motion # 5</b> Move to adjourn. Moved: Mark Laubach                      Second: Kevin Noll Procedural ( &gt;50%)</p>	Motion Passed by Voice without opposition
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9:17 AM 3/12/2019    Adjourned

## Attendance

<b>Full Name</b>	<b>Employeer</b>	<b>Affiliation(s)</b>	<b>11-Mar</b>	<b>12-Mar</b>
Junming An	Shihia Photons	Shihia Photons		x
Claudio DeSanti	Google	Google	x	
Liang Du	Google	Google	x	x
Frank Effenberger	Huawei	Huawei	x	x
Vince Ferretti	Corning	Corning	x	x
David Fu	Shihia Photons	Shihia Photons		x
Marek Hajduczenia	Charter	Charter	x	x
Glen Kramer	Broadcom Inc..	Broadcom Inc..	x	x
Mark Laubach	Broadcom Inc..	Broadcom Inc..	x	x
Kevin Noll	Tibit Communication	Tibit Communication	x	x
Bill Powell	Nokia	Nokia	x	
Duane Remein	Huawei	Huawei	x	x