

Motions and Straw Polls

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

TF Plenary Teleconference, July 14, 2020

.3db Motion #1

Move to approve the Agenda for Interim TF Teleconference,
Slide 4 of [agenda_3db_01_0720.pdf](#)

- M: John Abbott
- S: Ali Ghiasi
- Approved by unanimous consent (Procedural > 50%)

.3db Motion #2

Move to approve meeting minutes for June 11, 2020 IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force Telephonic Interim meeting:

[unapproved_meeting_minutes_3db_01a_0620.pdf](#)

- M: Jim Young
- S: Jon Lewis
- Approved by unanimous consent (Procedural > 50%)

.3db Motion #3

Move that the IEEE P802.3db Task Force approve [IEEE 802d3db to INCITS T11d2 0720 draft v3.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to INCITS T11.2

- M: Mike Dudek
- S: Tom Palkert
- Approved by unanimous consent (Technical $\geq 75\%$)

.3db Motion #4

Move to adopt:

- Clause 119 as the PCS/FEC and Clause 120 as the PMA for all 200 Gb/s and 400Gb/s PHYs for this project
- Clause 82 as the PCS, Clause 91 as the FEC (RS544), and Clause 135 as the PMA for all 100 Gb/s PHYs for this project
- M: Mark Gustlin
- S: Kent Lusted
- (Technical $\geq 75\%$)
- Approved by unanimous consent

Chair's Straw Polls

- The following straw polls are intended to take a current snapshot of the group's thinking, without intending to take any motions based on the results.
- The purpose is to understand what contributions would be valuable in coming weeks
- These straw polls should be read remembering that .3db has 50m objectives in place, by default.
- The distances referenced [20-30m] and [80-100m] are intended to be illustrative of the shorter and longer reach requirements, respectively, of the server-attachment and switch-to-switch link application spaces.
- These straw polls are not intended to measure support for a specific reach number to be used in an objective.

Straw Poll #1

- I believe there is a need for a cost/power-optimized PMD for server-attachment applications [for example 20-30m]:
- Y: 34 N: 6 A: 26

Straw Poll #1 Roll Call Vote

- I believe there is a need for a cost/power-optimized PMD for server-attachment applications [for example 20-30m]:
- Y: 34 N: 6 A: 26

Attendees	Yes	No	Abstain
Dave Estes - Spirent			X
Alex Haser Molex			X
Massimo Sorbara Globalfoundries			X
Vipul Bhatt II-VI	X		
Thomas Palkert Guest	X		
Ed			X
Rick Pimpinella	X		
Ferretti, Vince E.	X		
James Young	X		
Mau-Lin Wu	X		
David Piehler [Dell EMC]			X
Chan Chih David Chen AOI	X		
Howard Heck	X		
Steve Trowbridge		X	
Matt Bolig			X
JOHN S ABBOTT	X		
Greg D Le Cheminant			X
Beth Kochuparambil - Cisco			X
Tom Issenhuth			X
Mabud Choudhury OFS	X		
Piers		X	
David Lewis Lumentum	X		
Peter Stassar Huawei			X
Ramana Murty			X
Shawn Nicholl Xilinx			
lance.thompson	X		
John D'Ambrosia			X

Attendees	Yes	No	Abstain
Yasuo Hidaka Guest			X
Jon Lewis - Dell EMC	X		
Inho Kim Marvell			X
Guangcan Mi/Huawei			
Mike Dudek	X		
Guest			
Jeffery Maki Juniper	X		
John DeAndrea			X
Mitch			
frank			X
Flavio Marques			X
mike klempa unh iol			X
Rajmohan Hegde			X
Ed Ulrichs	X		
Arthur Marris	X		
ledentsov	X		
Theodor Kupfer			
Leon Bruckman Huawei		X	
Richard Pitwon			
Luisma Torres	X		
Masato Shiino FURUKAWA			
Hao Ren HUAWEI			
Tadashi Takahashi			
Takayama, Kazuya Nitto Denko Corp.			
Ruoxu WangHuawei			X
Yasuhiro Hyakutake AD-Na			X
ruibohancmcc			

Attendees	Yes	No	Abstain
M. Kagami NITech			X
Dawei Fan			
Jim Theodoras HG Genuine	X		
John Kamino			
Earl Parsons CommScope	X		
Adam Healey			X
STEVEN E SWANSON	X		
Maniloff, Eric Ciena	X		
Richard Mellitz Samtec			
Kenneth Jackson Sumitomo	X		
Zhigang Gong O-Net	X		
Takeo Masuda			
RICARDO RABINOVICH		X	
Xiang He Huawei			
Raymond Nering	X		
David Chalupsky Intel	X		
Ali Ghiasi		X	
Kent Lusted	X		
david malicoat Independent / Senko	X		
Enis Akbaba	X		
Jonathan Ingham		X	
Jane Lim			X
Mike Li Intel	X		
Xinyuan WangHuawei			X
roywang	X		
Ayla Chang	X		
David Ofelt			X
Jose Castro	X		

Straw Poll #2

- I believe there is a need for a longer, reach-optimized PMD for switch-to-switch applications [for example 80-100m]:
- Y: 26 N: 6 A: 24

Straw Poll #2 Roll Call Vote

- I believe there is a need for a longer, reach-optimized PMD for switch-to-switch applications [for example 80-100m]:
- Y: 26 N: 6 A: 24

Attendees	Yes	No	Abstain
Dave Estes - Spirent			X
Alex Haser Molex			X
Massimo Sorbara Globalfoundries			X
Vipul Bhatt II-VI	X		
Thomas Palkert Guest		X	
Ed			X
Rick Pimpinella	X		
Ferretti, Vince E.	X		
James Young	X		
Mau-Lin Wu			
David Piehler [Dell EMC]			
Chan Chih David Chen AOI			X
Howard Heck			X
Steve Trowbridge		X	
Matt Bolig	X		
JOHN S ABBOTT	X		
Greg D Le Cheminant			X
Beth Kochuparambil - Cisco			X
Tom Issenhuth			X
Mabud Choudhury OFS	X		
Piers		X	
David Lewis Lumentum		X	
Peter Stassar Huawei	X		
Ramana Murty	X		
Shawn Nicholl Xilinx			X
lance.thompson	X		
John D'Ambrosia			X
Yasuo Hidaka Guest			X

Attendees	Yes	No	Abstain
Inho Kim Marvell			X
Guangcan Mi/Huawei		X	
Mike Dudek			X
Guest			
Jeffery Maki Juniper	X		
John DeAndrea			
Mitch			
frank	X		
Flavio Marques			X
mike klempa unh iol			
Rajmohan Hegde			X
Ed Ulrichs	X		
Arthur Marris			X
Iedentsov	X		
Leon Bruckman Huawei	X		
Richard Pitwon			
Luisma Torres	X		
Masato Shiino FURUKAWA			
Hao Ren HUAWEI			
Tadashi Takahashi			
Takayama, Kazuya Nitto Denko Corp.			
Ruoxu WangHuawei			X
Yasuhiro Hyakutake AD-Na		X	
ruibohancmcc			
M. Kagami NITech			
Dawei Fan			
Jim Theodoras HG Genuine	X		
John Kamino			

Attendees	Yes	No	Abstain
Earl Parsons CommScope	X		
Adam Healey			X
STEVEN E SWANSON	X		
Maniloff, Eric Ciena			X
Richard Mellitz Samtec			
Kenneth Jackson Sumitomo	X		
Zhigang Gong O-Net	X		
Takeo Masuda			
RICARDO RABINOVICH	X		
Xiang He Huawei	X		
Raymond Nering	X		
David Chalupsky Intel			
Kent Lusted			X
david malicoat Independent / Senko			X
Enis Akbaba			X
Jonathan Ingham	X		
Jane Lim			
Mike Li Intel			
Ali G	X		
Xinyuan WangHuawei			
roywang			
Ayla Chang			
David Ofelt			X
Jose Castro			

Straw Poll #3

- I currently believe the IEEE P802.3db TF should:
 - A. make no change to the current 50m objectives,
 - B. modify the current 50m objective to longer reach [for example 80-100m], or
 - C. have two objectives including one optimized for cost/power [for example 20-30m] and one optimized for longer reach [for example 80-100m]
- A: 17 B: 3 C: 31

Straw Poll #3 Roll Call Vote

- A. make no change to the current 50m objectives,
 - B. modify the current 50m objective to longer reach [for example 80-100m], or
 - C. have two objectives including one optimized for cost/power [for example 20-30m] and one optimized for longer reach [for example 80-100m]
- A: 17 B: 3 C: 31

Attendees	A	B	C
Dave Estes - Spirent	X		
Alex Haser Molex			
Massimo Sorbara Globalfoundries			X
Vipul Bhatt II-VI			
Thomas Palkert Guest	X		
Ed	X		
Rick Pimpinella			X
Ferretti, Vince E.			X
James Young			X
Mau-Lin Wu			X
Chan Chih David Chen AOI	X		
Howard Heck	X		
Steve Trowbridge	X		
JOHN S ABBOTT			X
Greg D Le Cheminant			X
Tom Issenhuth			
Mabud Choudhury OFS			X
Piers	X		
David Lewis Lumentum			X
Peter Stassar Huawei	X		
Ramana Murty		X	
Shawn Nicholl Xilinx			
lance.thompson			X
John D'Ambrosia	X		
Yasuo Hidaka Guest			
Inho Kim Marvell			
Guangcan Mi/Huawei			

Attendees	A	B	C
Mike Dudek			X
Guest			
Jeffery Maki Juniper	X		
John DeAndrea			X
Mitch			
frank			
Flavio Marques	X		
mike klempa unh iol			
Rajmohan Hegde			
Ed Ulrichs			X
VIET TRAN			X
Jon Lewis - Dell EMC	X		
Ali Ghiasi		X	
LIU			
ledentsov			X
Leon Bruckman Huawei		X	
Luisma Torres			X
Richard Pitwon			X
Timothy De Keulenaer	X		
Masato Shiino FURUKAWA			
Hao Ren HUAWEI			
Tadashi Takahashi			X
Takayama, Kazuya Nitto Denko Corp.			
Ruoxu WangHuawei			
Yasuhiro Hyakutake AD-Na			X
ruibohancmcc			
M. Kagami NITech			

Attendees	A	B	C
Dawei Fan			
Jim Theodoras HG Genuine			X
John Kamino			
Earl Parsons CommScope			X
Adam Healey			
STEVEN E SWANSON			X
Maniloff, Eric Ciena	X		
Richard Mellitz Samtec			
Kenneth Jackson Sumitomo			X
Zhigang Gong O-Net			X
Takeo Masuda			
RICARDO RABINOVICH			X
Xiang He Huawei			X
Raymond Nering	X		
David Chalupsky Intel			
Kent Lusted	X		
david malicoat Independent / Senko			X
Enis Akbaba			X
Jonathan Ingham	X		
roywang			X
Ayla Chang			X
David Ofelt			
Jose Castro			X

.3db Motion #5

Move to Adjourn TF Plenary Teleconference Meeting

- M: John D'Ambrosia
- S: James Young
- Approved by unanimous consent (Procedural > 50%)