

Accredited Standards Committee*
NCITS, Information Technology



Doc. No.: T11.2/01-258v1
Date: April 10, 2001
Project: FC0 Optical ad hoc
Ref. Doc.:
Reply to: Rich Taborek
Tom Lindsay
Bill Ham

To: Membership of T11.2

From: Rich Taborek, chair FC0 optical working group
Tom Lindsay, vice chair FC0 optical working group
Bill Ham, Secy FC0 optical working group

Subject: Approved minutes of T11.2 FC0 optical working group on April 10, 2001

The draft Agenda TG T11.2 Optical Ad Hoc was posted to the web (prior to this meeting). Changes made at this meeting are reflected in the following agenda.

Agenda

1. Opening remarks and introductions
2. Approve agenda
3. Attendance and membership
4. Document Distribution - Meeting disk
5. Review minutes of previous meeting
6. Review old action items
7. Call for Patents
8. Administrative Matters
 - 8.1 Officer Appointments
 - 8.2 Procedures
 - 8.2.1 T11.2 Optical Ad Hoc Procedures
 - 8.3 Reflector
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9. Old Business
 - 9.1 10GFC draft 1.0 contribution request
 - 9.2 10GFC parallel optical connector presentation request
 - 9.3 10GFC draft 1.0, optical section comments
 - 9.4 Sub-2 meter Multimode Applications, Tyrone Tran, Ron Miller, Brocade Communications, FC-PI Public Review comment.
 - 9.5 MU connector draft text for FC-PI-2, Shin'ichi Iwano, NTT

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10. Presentations
 - 10.1 10GFC Parallel Optical Connector: MPO/MTP, Kevin White, US Conec, 30 min
 - 10.2 10GFC parallel optics (4 lane), 01-176v0, Dubravko Babic, Alvesta
11. New Business
 - 11.1 New contributions to 10GFC draft 1.0,
 - 11.1.1 Clause 8, Optical interface cable plant specifications, Len Young, Corning, Terry Cobb, Lucent,
 - 11.2 T11 web site support
12. Future Meeting Schedule
 - 12.1 Next meeting
 - 12.2 Other ad hoc meeting requests
13. Action items
 - 13.1 Old action items (from previous meetings) with current status:
 - 13.2 New action items from this meeting:
14. Adjournment

Results of Meeting

1. Opening remarks and introductions

Rich thanked the host, Kumar Malavalli of Brocade, for hosting the meeting. Bill Ham took these minutes. The meeting opened at 1:30 PM in Toronto, ON, Canada.

2. Approve agenda

Motion Brill/Ham that the agenda shown above be approved. Motion passed without objection.

3. Attendance and membership

Attendance at plenary meetings does count toward minimum attendance requirements for T11.2 membership. Working group meetings are open to any person or organization directly and materially affected by T11.2's scope of work but do not count toward minimum attendance for T11.2 membership. The following people attended the meeting:

Name	Status / Company	Tel
Ronald Bossard	3M CO.	512-984-3782
Dubrovko Babic	ALVESTA	
Sam Kim	ALVESTA	
Michael Wingard	AMPHENOL	(607) 786-4241
Kiric Bovill	BLAZE	925.560.1610 x102

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Bill Wiedemann	BLAZE	925.560.1610 x169
Robert Snively	BROCADE	408.487.8135
Bill Ham	COMPAQ	508-841-2629
Bill Pagano	COMPAQ	719-548-3096
Doug Coleman	CORNING	828.327.5580
Scott Bruns	CROSSROADS	512-794-2769
Edward Grivna	CYPRESS	(612) 851-5046
Greg McSorley	EMC	(508) 382-5928
Clay Hudgins	EMCORE/MODE	505.343.1111 x379
Hossein Hashemi	EMULEX	714-513-8226
Richard Lewis	FCI	717.938.7816
Dan Kane	FINISAR	408-542-4137
Hari Naidu	FUJIKURA AMERICA	408-988-7420
Rich Feldman	GADZOOX	(408) 360-6048
Karl Kwiat	HIROSE	805-522-7958 x421
Bruce Schober	HP	208.396.4102
Ed Jackson	IBM	303.381.4243
Kevin Demsky	IBM	507-253-5799
Thomas Murphy	INFINEON	(49) 3038623281
David Allen	LSI LOGIC	719-533-7489
Terry Cobb	LUCENT	619 509-0248
Shinichi Iwano	NTT-AT	81.422.47.7701
Chris Simoneaux	PICOLIGHT	303 530-3189
Dean Wallace	QLOGIC	949-389-6480
Chris Van Krevelen	STORAGETEK	(612) 391-1184
Dipak Patel	STRATOS	708.867.9600
Robert Kirker	Tyco	717.592.2393
Charles Brill	Tyco	717.986.6489
Bob Atkinson	Tyco	717-592-4274
White Kevin	US CONEC	828-323-8883
Dennis Petrich	WAVECREST	408-436-9000
David Instone	XYRATEX	01705-486363

Total: 37 attendees

4. Document Distribution - Meeting disk

The agenda for this meeting the draft minutes from the previous meeting and the approved minutes from the meeting before last meeting were distributed electronically.

A summary of the presently active policy to document distribution is included for reference.

All presentations are posted electronically at the approved ftp within two weeks after the meeting. Format must be an approved electronic file format.

(Presentations are defined as material shown publicly in the Plenary or authorized working group meetings.)

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Submission of Documents for T11 Document Numbers:

An online system is now available to provide document numbers and accept the submission of documents. The system is accessed via the t11 web page at <http://www.t11.org>. Follow the "docs" link in the left-hand frame, or at the bottom, and fill in a form giving details about the document. In order to complete the form, it will be necessary to enter a password. The password is given out at T11 meetings, or can be obtained from the T11 Chair. Instructions will then be given about uploading the file to the ftp site at <ftp.t11.org>.

We are now using all electronic document distribution.

A T11.2 reflector is now available.

The committee will form its agenda by the following:

1. A call (reminder) for presentations by the chair 3 weeks in advance
2. Those wanting to be on the agenda submit request including:
title
presenter
time required
abstract
3. Chair creates agenda and posts 2 weeks in advance of the meeting
4. At the meeting it is the chair's discretion to allow additional presentations

5. Review minutes of previous meeting

The minutes of the last optical working group were reviewed and approved with minor changes. Motion Ham/Taborek that the draft minutes of the last meeting be approved as modified. Motion passed unanimously. The modified minutes will be posted to the ftp site under a document number without any revision history.

Action item: Ham will get the document number and do the posting.

6. Review old action items

The old action items were reviewed and the status was updated. There were no old action items

7. Call for Patents

There was no response to the call for patents.

8. Administrative Matters

8.1 Officer Appointments

T11.2 Optical Ad Hoc Positions:

The officers of the optical ad hoc group are presently:

Rich Taborek, Intel, Chair 408 496-3423 rich.taborek@intel.com
Tom Lindsay, Stratos Lightwave, V. Chair, Tlindsay@stratoslightwave.com
Bill Ham, Compaq, Secretary 978 828-9102, Bill_ham@ix.netcom.com

8.2 Procedures

8.2.1 T11.2 Optical Ad Hoc Procedures

The Chair (or Vice Chair) shall generate and upload a draft agenda at least one week before the next meeting.

All presenters shall generate, upload and inform the Chair (or Vice Chair) of their presentations for inclusion into the agenda at least two weeks before the next meeting. Presenters shall provide the Chair with a presentation title, time requirements and abstract. Fixed time is available for presentations. Presentation time slots will be allocated on a first come first serve basis.

The Secretary shall generate and upload draft minutes of the last meeting within four weeks of the meeting.

When the above requirements are met, there shall be no requirement to bring paper copies to the meeting. If this requirement is not met, the material will only be able to be presented at the discretion of the Chair, and paper copies in sufficient numbers that they can be easily referenced by all meeting attendees shall be required to be provided. In addition, if a presentation has not been uploaded by meeting time, the presenter shall make a softcopy of the presentation available to the

Secretary at the time of the presentation.

All presentations shall be posted electronically to the T11 web/FTP within two weeks after the meeting. Format must be an approved electronic file format. A failure to do so will result in the Chair remembering this fact at the time of the next request to present :-)

These procedures are not new T11.2 Optical Ad Hoc rules. These procedures are T11 Electronic Document procedures (to support electronic mailings). Each Facilitator is encouraged to enforce these procedures. The complete text of these procedures is documented as T11/98-050v1.

A link on the T11 web page allows facilitators to create notices for upcoming Ad Hoc and Study Group meetings and teleconferences (Ad Hoc meetings are associated with existing projects), and Study Group meetings. Information shall be provided at least two weeks before the actual meeting or teleconference, and full details shall be provided either on the web page or via an open e-mail reflector to allow participation by all interested parties.

Letter ballots will be conducted on-line as per T11 rules. Comment filing will also be conducted on-line at the same time.

Submission of Documents for T11 Document Numbers:

A online system is available to provide document numbers and accept the submission of documents. The system is accessed via the t11 web page at <http://www.t11.org>. Follow the "docs" link in the left-hand frame, or at the bottom, and fill in a form giving details about the document. In order to complete the form, it will be necessary to enter a password. The password is given out at T11 meetings, or can be obtained from the T11 Chair. Instructions will then be given about uploading the file to the ftp site at <ftp.t11.org>.

8.3 Reflector

T11.2 E-Mail Reflector:

The T11.2 Optical Ad Hoc uses the T11.2 reflector for all business and technical discussion. There is no specific T11.2 Optical Ad Hoc reflector.

To subscribe to the reflector please send an E-mail containing the following body line:

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subscribe t11_2@network.com <your email address>
to majordomo@network.com
Leave the subject line empty
Report reflector problems to: owner-t11_2@network.com
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To unsubscribe to the reflector please send an E-mail containing the following body line:

unsubscribe t11_2@network.com <your email address>
to majordomo@network.com

Leave the subject line empty

To post to the reflector please send an E-mail to:
t11_2@network.com

Posting meaningful technical discussion (max size 40k)
Other T11 reflectors

Please note that the net result (pun not intended) of "cross-posting" to multiple reflectors is to exercise the index fingers of list subscribers deleting duplicate messages. Please resist the urge to cross-post!

8.4 Liaison reports

None

8.5 Other matters of grave concern

None identified.

9. Old Business

9.1 10GFC draft 1.0 contribution request

Please submit your contributions to 10GFC editors by Friday, February 23, 2001, for inclusion into the next draft of the 10GFC document.

10GFC document status to be discussed during tonight's joint T11.2 and T11.3 meeting.

9.2 10GFC parallel optical connector presentation request

Please submit your requests for presentations at the April 10, T11.2 Optical WG meeting.

9.3 10GFC draft 1.0, optical section comments

Clay Hudgens reviewed 01-176v0 containing comments against 01-099v0.

9.4 Sub-2 meter Multimode Applications, Tyrone Tran, Ron Miller, Brocade Communications, FC-PI Public Review comment.

The public review comment against FC-PI being submitted by Brocade was reviewed. Certain editorial changes were suggested by the group.

Motion Snively/Grivna moved that the minimum length for MM cable plants in FC-PI be changed to 0.5 meters

Motion passes 29/0/1.

9.5 MU connector draft text for FC-PI-2, Shin'ichi Iwano, NTT

Shin'ichi went through a document describing the MU connector. Rich T to upload the presentation on the MU connector. The material will be delivered to Greg McSorley for incorporation into FC-PI-2.

10. Presentations

10.1 10GFC Parallel Optical Connector: MPO/MTP, Kevin White, US Conec, 30 min

Kevin went through the material in 01-158v1.

Motion Kevin White/Ed Grivna that the MPO be included in the 10 FC document as a baseline proposal for parallel optics.

Motion Pat Gilliland/Michael Chen to table the above motion.

Motion to table fails 8/23/

Motion passes 26/5/8

Motion Tom Murphy/Jay Neer that the SMC be included in the 10 GFC document as a baseline proposal for parallel optics.

Motion fails 3/8/22

/

Motion Rich T./Dipac Patel that the agenda be modified to allow presentation of additional optical connectors.

Motion fails 8/9/18

10.2 10GFC parallel optics (4 lane), 01-176v0, Dubravko Babic, Alvesta

This presentation contained proposals for the details of the performance requirements for this variant. The technical material will be incorporated into the draft 10GFC document. Issues with the details should be addressed by the document comment process.

11. New Business

11.1 New contributions to 10GFC draft 1.0,

11.1.1 Clause 8, Optical interface cable plant specifications, Len Young, Corning, Terry Cobb, Lucent,

The material in 01-155v0 was discussed. No actions were taken

11.2 T11 web site support

Roger Cummings will be making some announcements at the T11 plenary on Thursday concerning the future of the T11 web site. Folks who have an interest in the future of the T11 web should pay attention.

12. Future Meeting Schedule

12.1 Next meeting

Tuesday June 05, 2001, Minneapolis MN, 1:30 PM - 5:30 PM

12.2 Other ad hoc meeting requests

None

13. Action items

13.1 Old action items (from previous meetings) with current status:

Rich Taborek to outline the possible differences between FC and 10 GBE that may result in specification differences for the SW serial variant
Status: Due to the agreement within T11 that the speeds will not be the same this action item is again relevant. The approach to be used is to adjust the link length to accommodate the 2% speed difference.
Status: approach agreed to -

Action to chair to post a reflector note announcing that a selection process for the parallel optical connector will be conducted at the next FC0 optical working group.
Status: done

Action to chair to post a reflector note looking for input on the issue of the 2 meter minimum length (applied to MM)
Status: carried over - to be resubmitted to 10GBE as a comment

13.2 New action items from this meeting:

All 10GFC PMD variant champions to send to Terry Cobb input for the spreadsheet that applies to their variant for 10GFC. This is intended to determine the new length limits due to the 2% speed differences and other material needed to complete clause 8.
Status: new

Terry Cobb to summarize the spreadsheet results with the new inputs.
Status: new

Chris Simoneaux to post a reflector note detailing the basic changes in the 10GBE draft specifications that are different from methods specified in FC-PI.
Status: new

14. Adjournment

Meeting adjourned at 4:30PM

Please direct any comments/suggestions to T11.2 Optical Ad Hoc Chair,
Rich Taborek.