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| | **T11-2018-00356-v000** | | --- |   **Draft Minutes**  **INCITS Fibre Channel TG T11.2 Plenary Meeting #129**  **06 December 2018 – 9 AM to 10:00 AM (EDT)**  **Raleigh, NC**   1. **Opening remarks and introductions**    1. **Introductory Remarks**   TC T11.2 vice-chair Dean Wallace (Marvell) served as chair and convened regular meeting #129 of the INCITS Fibre Channel (T11.2) Technical Committee on Thursday, 06 December 2018 at 9:00 AM Central daylight time. He introduced himself as vice-chair and thanked and our host SFF for the meeting facilities.  The chair next introduced Jason Rusch (Viavi Solutions) as the T11.2 secretary.   * 1. **Self-introductions**   The chair requested those present to introduce themselves, with identification of the organizations they represent.   * 1. **Meeting guidelines (Anti-Trust and IPR)**   The chair stated that the meeting was operating under INCITS procedures and called attention to the INCITS patent policy by showing the INCITS Patent Policy Slides. The advice on the slides was provided and there was no discussion. For reference the slide set is available to T11 members as T11/08-406v0.  The chair noted that the INCITS Antitrust Guidelines applied to this committee meeting and that it was the responsibility of all attendees, and not just the Officers, to ensure that the Guidelines are followed, and to terminate discussions if they are not.  See [http://www.incits.org/standards-information/legal-info.](http://www.incits.org/standards-information/legal-info)   * 1. **Electronic Attendance**   The chair instructed those present how to register using the electronic attendance list for this meeting, found via the URL <http://standards.incits.org/login>, and informed those present of the necessary password. He reminded those present that the electronic attendance list would become the only source of attendance for formal records of this meeting.   1. **Approval of the Agenda**   An electronic version of the agenda was posted as T11-2018-00341-v000 and supporting documents were accessible via the TC web site. The chair made a call for any changes and new agenda items.  Greg McSorley (Amphenol) moved and Adrian Butter (GlobalFoundries) seconded to accept that T11-2018-00341-v000 as presented at this meeting be approved as the agenda for this meeting. The agenda passed by acclamation.   1. **Attendance and Membership**  |  |  | | --- | --- | |  |  | |  |  | |  |  | |  |  | |

* 1. **Gaining and Losing Voting Membership**

Information on how membership is gained, maintained, and lost in any INCITS Technical Committee or Task Group may be found the INCITS Organization, Policies, and Procedures found at INCITS/RD-2 at [www.incits.org.](http://www.incits.org/) An overview of these requirements was presented by the chair and was distributed to all attendees.

The chair presented the current list of members and representatives, and invited corrections. The membership effective for this meeting, as adjusted for changes introduces at this meeting, is shown in subclause 3.6 below. Attendance for this meeting is shown in clause 14 below.

* 1. **Roll Call of Members in Jeopardy for Non-Attendance**
* No members in jeopardy
  1. **Jeopardy / Membership Loss for Not Voting in T11.2 Letter Ballots**
* No company lost membership for not voting on T11.2 letter ballots.
  1. **Members in Jeopardy for Non-Payment of Fees**
* No company lost membership for non-payment of fees.
  1. **Membership Changes and Announcement of New Members**
* No membership changes at this meeting.
  1. **T11.2 Voting Memberships for this meeting**

Technical Committee T11.2 had 22 voting members at the T11.2 regular meeting #129 06 December 2018.

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| **Organization** | | **Representative** | | **Membership Class (P, A, L, E, XO, FoC, Etc.)** | |
| Amphenol | | Greg McSorley | | P | |
| Brad Brubaker | | A | |
| Mike Davis | | A | |
| Daniel Dillow | | A | |
| Chris Lyon | | A | |
| Alex Persaud | | A | |
| Hu Silver | | A | |
| Michael Wingard | | A | |
| Broadcom Limited | | Ben Chu | | P | |
| David Baldwin | | A | |
| Evan Beauprez | | A | |
| Adam Healey | | A | |
| Howard Johnson | | A | |
| Dave Peterson | | A | |
| James Smart | | A | |
| Steve Wilson | | A | |
| Cisco | | Mike Blair | | P | |
| Ziad Chaine | | A | |
| J Metz | | A | |
| CommScope | | Yang (Sunny) Xu | | P | |
| Gary Gibbs | | A | |
| Gary Irwin | | A | |
| Paul Kolesar | | A | |
| Corning Inc. | | Doug Coleman | | P | |
| Steven Swanson | | A | |
| DCS | | Kevin Ehringer | | P | |
| Todd Wheeler | | A | |
| Dell | | Louis Ricci | | P | |
| David Black | | A | |
| Gaurav Chawla | | A | |
| Alan Rajapa | | A | |
| Erik Smith | | A | |
| Joseph White | | A | |
| Jeff Young | | A | |
| Finisar | | Chris Yien | | P | |
| Richard Johnson | | A | |
| Foxconn Interconnect Tech | | John Petrilla | | P | |
| Eric Chu | | A | |
| Glenn Moore | | A | |
| William Peters | | A | |
| Fujitsu | | Mark Malcolm | | P | |
| Kun Katsumata | | A | |
| Gene Owens | | A | |
| GlobalFoundries | | Adrian Butter | | P | |
| John Ewen | | A | |
| Jon Garlett | | A | |
| HPE | | Barry Maskas | | P | |
| Rupin Mohan | | A | |
| Krishna Babu Puttagunta | | A | |
| IBM | | Roger Hathorn | | P | |
| Patty Driever | | A | |
| Keysight | | Stephen Didde | | P | |
| Steve Sekel | | A | |
| Joachim Vobis | | A | |
| Macom | | Tom Palkert | | P | |
| Molex | | Alex Haser | | P | |
| Jay H. Neer | | A | |
| Scott Sommers | | A | |
| NetApp | | Fred Knight | | P | |
| OFS | | Roman Shubochkin | | P | |
| Mabud Choudhury | | A | |
| Panduit | | Jose Castro | | P | |
| Bulent Kose | | A | |
| Robert Reid | | A | |
| Steve Skiest | | A | |
| Marvell Semiconductor | | Dean Wallace | | P | |
| Anshul Agarwal | | A | |
| Girish Basrur | | A | |
| Craig Carlson | | A | |
| Mike Dudek | | A | |
| Ali Khwaja | | A | |
| Stephen Lam | | A | |
| Akinori Maeda | | A | |
| Alan Spalding | | A | |
| Darren Trapp | | A | |
| Teledyne-LeCroy | | David Rogers | | P | |
| Douglas Lee | | A | |
| Henry Poelstra | | A | |
| Viavi Solutions | | Jason Rusch | | P | |

The following is a list of advisory members:

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| **Organization** | **Representative** | **Membership Class (P, A, L, E, XO, FoC, Etc.)** |
| Anritsu | Ken Mochizuki | P |
| Futurewei | Xu Qi ming | P |
| Eddy Zhou | A |
| Lumentum | Dave Lewis | P |
| MediaTek USA | Tamer Ali | P |
| Mau-Lin Wu | A |
| SmartDV Technologies | Deepak Kumar Tala | P |
| TE Connectivity | Nathan Tracy | P |
| Melissa Knox | A |
| Jeff Mason | A |
| Andy Nowak | A |

The following is a list of emeritus members:

|  |
| --- |
| James Coomes |
| William Ham |
| Schelto van Doorn |

1. **Anti-Trust Policies**

The chair noted that among the rules and policies under which T11.2 TG operates are the INCITS Antitrust Guidelines as specified in [http://www.incits.org/standards-information/legal-info.](http://www.incits.org/standards-information/legal-info) Any member of the meeting is responsible for objecting if he believes discussion in the meeting violates these guidelines. As examples, there should never be discussion of the following topics at any INCITS or INCITS subgroup meeting:

* Any company’s prices or pricing policies;
* Specific R&D, sales, and marketing plans;
* Any company’s confidential product, product development, or production strategies;
* Whether certain suppliers or customers will be served;
* Prices paid to input sources; or
* Complaints about individual firms or other actions that might tend to hinder a competitor in any market.

If such discussion is not immediately terminated, it is the chairperson’s responsibility to terminate the meeting.

1. **Document Distribution**

The chair reviewed T11.2 document distribution which is available from <http://standards.incits.org>.

1. **Approval of the Minutes of October 2018 Plenary Meeting #128**

The prior regular meeting of the INCITS Fibre Channel T11.2 Technical Group was #128 on 04 October 2018. The draft minutes of that meeting were posted as document T11-2018-00295-v000.

T11.2 minutes were reviewed as posted on the T11 web site. Corrections may be requested either before the subsequent meeting by email to jason.rusch@viavisolutions.com or at the subsequent meeting in person.

Adrian Butter (GlobalFoundries) noted that the membership class ‘A’ was missing for John Ewen (GlobalFoundries) in the previous minutes. The secretary will make the correction and post the modified minutes.

Greg McSorley (Amphenol) moved and seconded by Adrian Butters (GlobalFoundries) to accept T11/2018-00295-v000 as modified as the Minutes of T11.2 meeting #128 on 04 October 2018. The motion passed by acclamation.

1. **Review of Old Action Items**

* T11.2 Chair to request IEEE liaison with T11 for P 802.3cm, 802.3ck **[CARRY]**
* T11.2 Chair to request SFF-DD liaison **[CARRY]**

1. **Review of T11.2 Projects**
   1. **Project Status Review**

The chair reviewed project status of activities in the T11.2 TG.

* 1. **FC-PI-7 Ad Hoc Working Group (T11-2018-00276-v000)**

The FC-PI-7 ad hoc chair Dean Wallace (Marvell) presented meeting report T11-2018-00339-v001. Two presentations were given:

* + - FC-PI-7P discussion, all, T11- 2018-00273-v001;
    - FC-PI-8 discussion, all, T11-2018-00224-v002;
  1. **Joint T11.2 / T11.3 Ad Hoc Working Group**

No joint T11.2 / T11.3 meeting was held during this meeting cycle.

1. **Letter Ballots**

No open letter ballots.

1. **Old Business**

There was no old business to be reviewed for this meeting cycle.

1. **Review of International Activity**

None were given for this meeting cycle.

1. **New Business and New Technical Items**

None for this meeting cycle.

1. **Call for Patents**

The chair noted that the current record of responses to prior calls for patents can be found on the T11 web site at <http://www.t11.org/t11/docreg.nsf/v2t?openForm&ent=35>. A template form for a patent declaration that is satisfactory to both INCITS and ISO can be found in [http://www.incits.org/standards-information/legal-info.](http://www.incits.org/standards-information/legal-info) The chair made the call for patents.

No member responded.

1. **List of Meeting Attendees**

The electronic attendance record for this T11.2 plenary meeting showed 14 attendees representing 14 voting companies:

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| --- | --- | --- |
| **Organization** | **Representative** | **Role** |
| Amphenol Corporation | Gregory McSorley | Member |
| Broadcom Inc | Steven Wilson | Member |
| Cisco Systems Inc | Mike Blair | Member |
| Corning Inc | Doug Coleman | Member |
| Dell Inc | Alan Rajapa | Member |
| Finisar Corporation | Vipul Bhatt | Member |
| GlobalFoundries US2 LLC | Adrian Butter | Member |
| Hewlett Packard Enterprise | Barry Maskas | Member |
| IBM Corporation | Roger Hathorn | Member |
| Lumentum Operations | David Lewis | Member |
| Marvell Semiconductor Inc | Dean Wallace | Vice Chair |
| OFS Fitel LLC | Mabud Choudhury | Member |
| Panduit Corporation | Jose Castro | Member |
| Viavi Solutions Inc | Jason Rusch | Secretary |

The electronic attendance for the FC-PI-7 ad hoc meeting showed 7 attendees representing 6 member companies:

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| --- | --- | --- |
| **Organization** | **Representative** | **Role** |
| Amphenol Corporation | Chris Lyon | Member |
| Amphenol Corporation | Gregory McSorley | Member |
| Corning Inc | Doug Coleman | Member |
| Dell Inc | Alan Rajapa | Member |
| GlobalFoundries US2 LLC | Adrian Butter | Member |
| OFS Fitel LLC | Mabud Choudhury | Member |
| Panduit Corporation | Jose Castro | Member |

1. **Liaison Reports**
   1. **INCITS and T11 Liaison reports**

T11 chair Steve Wilson (Brocade) gave T11-2018-00322-v000 “INCITS report to T11” and T11-2018-00311-v000 “T11 report to INCITS.”

* 1. **SFF Transceiver liaison**

Dave Lewis (Lumentum) gave a verbal report for the SFF Transceiver Liaison.

* 1. **IEEE**

There was no report were given for this meeting cycle.

* 1. **OIF**

There was no report were given for this meeting cycle.

1. **Future Meeting Schedule**

The next plenary meeting will be held in Fort Worth, TX on February 5-7, 2019.

Dean Wallace (Marvell) moves and Greg McSorley (Amphenol) seconds the following motions:

Authorization of Ad Hoc groups and study groups for the plenary week

FC-PI-7 ad hoc requests Tuesday 2/5/19 9:00 to 4:00 and Wednesday 2/6/19 from 9:00 to 12:00.

No Joint T11.2/T11.3 ad hoc requested.

Authorization of Telephone Conference Calls

No conference calls requested

All motions passed by acclamation.

1. **Action Items**

* T11.2 secretary to post the October 2018 minutes T11/2018-00295-v000 as modified.

1. **Adjournment**

Greg McSorley (Amphenol) moved to adjourn at 9:55 AM. The motion passed by unanimous consent.