

Approved Minutes  
IEEE 802.3 100Gb/s Backplane and Copper Cable Study Group  
Plenary Meeting  
July 20, 2011  
San Francisco, California

Prepared by: David Chalupsky

Meeting convened at 10:30 am, Wednesday, July 20, 2011.

Agenda & General Information

By – John D'Ambrosia

See – [http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/agenda\\_01a\\_0711.pdf](http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/agenda_01a_0711.pdf)

Chair outlined the agenda for the meeting.

- Introductions – Everyone introduced themselves and stated their affiliation.
- Chair asked if there were any reporters in the room. No one responded. Chair reminded everyone that photographs or recordings are not allowed without permission.

**Motion #1:** Motion to approve the agenda

- Moved by Steve Trowbridge
- Second by Hugh Barrass
- Approved by voice vote without objection.

Chair displays comments received on the May meeting minutes from Pete Anslow.

**Motion #2:** Motion to approve the May 2011 minutes with noted changes by Pete Anslow

- Moved by Pete Anslow
- Second by Mike Li
- Approved by voice vote without opposition.

Chair continued with his introductory presentation

- Goals for the week
  - Address comments on the PAR, 5 criteria, and objectives
  - Seek 802.3WG approval of the PAR, 5 Criteria, and objectives.
- Ground Rules
- IEEE Structure, Bylaws & Rules
  - Chair read the Guidelines for IEEE-SA meetings

Chair reviews the one comment received on the PAR.

Proposed response shown. See –

[http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/dambrosia\\_01\\_0711.pdf](http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/dambrosia_01_0711.pdf)

Only change is to change the date for submittal to RevCom

Actual changes to PAR are displayed by David Law.

Chair reviews project documentation in the presentation to be delivered at 802.3 closing plenary. See – [http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/0711\\_100GBCU\\_close\\_report.pdf](http://grouper.ieee.org/groups/802/3/100GCU/public/jul11/0711_100GBCU_close_report.pdf) Chair has recorded the definition of “improved FR-4” in that document. Discussion of the use of that definition and the phrase “or better.” Note that the reach objective is for “improved FR-4 (as defined by IEEE P802.3ap) or better.” Updated PAR is recorded in par\_a\_0511.pdf.

**Motion #3:** Move to approve par\_a\_0511.pdf

- Technical Motion (>=75%)
- Moved by – Mike Bennett
- Second by – Valerie Maguire
- Results (all in the room)
- Yes: 120 No: 0 Abstain: 2
- Results (802.3 voters)
- Yes: 73 No: 0 Abstain: 0

**Motion #4:** The Study Group requests that IEEE 802.3 extends the 100 Gb/s Backplane and Copper Cable Study Group. (procedural, >50%)

- Moved by Pat Diamond
- Second: John McDonough
- Results: passes by voice without objection

Chair discusses plans for future meetings.

Agenda is concluded, Chair asks if anyone has any further business. No response.

Motion to adjourn by Marek Hajduczenia, 2<sup>nd</sup> by Hugh Barrass

Meeting adjourned at 11:25am.

Attendee List

| Last Name       | First Name | Affiliation       |
|-----------------|------------|-------------------|
| Abbas           | Ghani      | Ericsson, UK      |
| Abbott          | John       | Corning           |
| Amlashi         | Peerouz    | Molex             |
| Anslow          | Pete       | Ciena Corporation |
| Balasubramanian | Vittal     | FCI               |
| Baldwin         | Thananya   | Ixia              |
| Balocating      | Ed         | Bourns            |
| Barnett         | Barry      | IBM               |
| Barrass         | Hugh       | Cisco             |
| Beaudoin        | Denis      | Texas Instruments |
| Bennett         | Mike       | LBNL              |
| Bhoja           | Sudeep     | Broadcom          |

|             |             |                           |
|-------------|-------------|---------------------------|
| Brown       | David       | Gennum                    |
| Bugg        | Mark        | Molex                     |
| Carlson     | Steve       | HSD                       |
| Carroll     | Martin      | Verizon                   |
| Chalupsky   | David       | Intel                     |
| Chang       | Frank       | Vitesse                   |
| Chen        | Chung-Jue   | Broadcom                  |
| Cheng       | Wheling     | Juniper Networks          |
| Chou        | Joseph      | Realtek                   |
| Coenen      | Robert      | Reflex Photonics          |
| D'Ambrosia  | John        | Force 10 Networks         |
| Dan         | Angelo      | ST Microelectronics       |
| Dawe        | Piers       | IPtronics                 |
| DeMuth      | Brian       | US Government             |
| Diamond     | Pat         | Semtech                   |
| DiMinico    | Christopher | MC Communications/LEONI   |
| Donnay      | Elizabeth   | Cisco Systems             |
| Dove        | Dan         | HP                        |
| Dudek       | Mike        | QLogic                    |
| Dupuis      | Mark        | Madison Cable             |
| Edwards     | Gareth      | Xilinx                    |
| Estes       | Dave        | UNH - IOL                 |
| Ewen        | John        | IBM                       |
| Flatman     | Alan        | LAN Technologies          |
| Forbes      | Harry       | Nexans                    |
| Frazier     | Howard      | Broadcom                  |
| Fu          | Hong Yan    | Huawei                    |
| Ganga       | Ilango      | Intel                     |
| Ghiasi      | Ali         | Broadcom                  |
| Goergen     | Joel        | Cisco                     |
| Gustlin     | Mark        | Cisco                     |
| Hajduczenia | Marek       | ZTE                       |
| Hamano      | Hiroshi     | Fujitsu Labs              |
| Healey      | Adam        | LSI                       |
| Hidaka      | Yasuo       | Fujitsu Lab of America    |
| Huang       | Xi          | Huawei                    |
| Innis       | James       | Freescale                 |
| Ishida      | Osamu       | NTT                       |
| Iwadate     | Hirotake    | Sumitomo Electric         |
| Jewell      | Jack        | Independent               |
| Jiang       | Hongtao     | Broadcom                  |
| Jimenez     | Andrew      | Anixter Inc.              |
| Katz        | Walter      | Signal Integrity Software |

|            |          |                        |
|------------|----------|------------------------|
| Kawatsu    | Yasuaki  | Hitachi-Cable          |
| Kipp       | Scott    | Brocade                |
| Kodama     | Satoshi  | NTT                    |
| Kvist      | Bengt    | Ericsson               |
| Lackner    | Hans     | QoSCom                 |
| Latchman   | Ryan     | Mindspeed              |
| Laubach    | Mark     | Broadcom               |
| Law        | David    | HP                     |
| Lenkisch   | Andreas  | Schroff Gmbh Germany   |
| Lewis      | Dave     | JDSU                   |
| Li         | Mike     | Altera                 |
| Liang      | Haixiang | Huawei                 |
| Lusted     | Kent     | Intel                  |
| Maguire    | Valerie  | Siemon, TIA            |
| Maki       | Jeffery  | Juniper Networks       |
| Malkman    | Yonaton  | Mellanox               |
| Malette    | Edwin    | Bright House Networks  |
| McDonough  | John     | NEC America            |
| McNarney   | Martin   | Broadcom               |
| Meghelli   | Mounir   | IBM                    |
| Minich     | Steve    | FCI                    |
| Misek      | Brian    | Avago Technologies     |
| Moeller    | Merrick  | Amphenol               |
| Moore      | Charles  | Avago Technologies     |
| Nonen      | Hideki   | Hitachi Cable          |
| Northcott  | Phil     | PMC-Sierra             |
| Obara      | Satoshi  | Fujitsu                |
| Ofelt      | David    | Juniper Networks       |
| Palkert    | Tom      | Xilinx, Luxtera, Molex |
| Panguluri  | Sesha    | Broadcom               |
| Park       | Jisang   | LS Cable               |
| Patel      | Pravin   | IBM                    |
| Pepper     | Gerald   | Ixia                   |
| Perrie     | Randy    | OneChip Photonics      |
| Petrilla   | John     | Avago Technologies     |
| Pimpinella | Rick     | Panduit Corp.          |
| Powell     | Scott    | Broadcom               |
| Rabinovich | Rick     | Alcatel-Lucent         |
| Ran        | Adee     | Intel                  |
| Rateg      | Hamid    | Inphi                  |
| Remein     | Duane    | FiberHome              |
| Sambasivan | Sam      | AT&T                   |
| Savi       | Olindo   | Hitachi Cable          |

|            |           |  |
|------------|-----------|--|
| Searles    | Shawn     | Advanced Micro Devices                 |
| Sela       | Oren      | Mellanox                               |
| Seth       | Siddharth | Inphi                                  |
| Shanbhag   | Megha     | TE Connectivity                        |
| Slavick    | Jeff      | Avago Technologies                     |
| Sprague    | Ted       | Infinera                               |
| Stassar    | Peter     | Huawei                                 |
| Szczepanek | Andre     | Texas Instruments                      |
| Tanaka     | Naruto    | Sumitomo Electric Industries LTD (SEI) |
| Tazebay    | Mehmet    | Broadcom                               |
| Telxeira   | Antonio   | NSN                                    |
| Tian       | Feng      | SEI                                    |
| Toyoda     | Hidehiro  | Hitachi                                |
| Tracy      | Nathan    | Tyco Electronics                       |
| Trowbridge | Steve     | Alcatel-Lucent                         |
| Umnov      | Alexander | Fujitsu                                |
| Vaden      | Sterling  | Optical Cable Corp.                    |
| Wang       | Zhongfeng | Broadcom                               |
| Zeng       | Li        | Huawei                                 |
| Zhang      | James     | Qualcomm                               |
| Zivny      | Pavel     | Tektronix                              |