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Accredited Standards Committee  
INCITS, Information Technology

Doc. Number: 07-107v0  
Date: 02/05/2007  
Project: FC-BaseT  
Reply to: Claudio DeSanti

TO: MEMBERSHIP of T11.2 and T11.3  
FROM: Claudio DeSanti, Chair  
SUBJECT: Draft minutes from FC-BaseT WG Ad Hoc meeting

AGENDA

- |     |   |                        |
|-----|---|------------------------|
| 1.  | Opening remarks and introductions                               | DeSanti (Cisco)        |
| 2.  | Meeting Policies  | DeSanti (Cisco)        |
| 3.  | Administrivia   |                        |
| 4.  | Review of old FC-BaseT action items                             | DeSanti (Cisco)        |
| 5.  | Scheduled FC-BaseT business                                     |                        |
| 5.1 | FC-BaseT Transcoding Examples<br>07-066v0                       | DeSanti (Cisco)        |
| 5.2 | Transmit Power Specifications in the FC-BaseT Draft<br>07-067v0 | Zimmerman (Solarflare) |
| 5.3 | FC-BaseT Electrical Specification Update<br>07-068v0            | DeSanti (Cisco)        |
| 5.4 | FC-BaseT Letter ballot comments<br>07-017v0                     | DeSanti (Cisco)        |
| 6.  | Unscheduled FC-BaseT business                                   |                        |
| 7.  | Motion to forward   | All                    |
| 8.  | Review of FC-BaseT action items                                 | DeSanti (Cisco)        |
| 9.  | Next meeting schedule   | DeSanti (Cisco)        |
| 10. | Adjournment   |                        |

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# **RESULTS OF MEETING**

## **1. Opening remarks and introductions**

Chairperson Claudio DeSanti led the meeting. He started the meeting at 9:17am, thanked QLogic for hosting the meeting and lead a round of introductions.

## **2. Meeting Policies**

### **2.1 Attendance and Membership**

Claudio DeSanti stated that all persons present are considered members of this meeting and may vote on questions, limited to one vote per company present. Attendance at this meeting does not count toward attendance at the plenaries of T11 and its task groups (i.e., being here will not get you out or keep you out of membership jeopardy).

### **2.2 Patents**

Claudio DeSanti indicated that among the rules and policies under which this working group operates are the INCITS patent policies. He requested persons wishing to make statements or ask questions relevant to this policy not to do so at this work group meeting, but instead to do so at the T11.2, T11.3, or T11 plenary meeting. The INCITS patent policies are specified in subclause 8.4 of RD-1, "Policies and Guidelines", available at [http://www.incits.org/sd9\\_rev1c.htm#p8-4](http://www.incits.org/sd9_rev1c.htm#p8-4)

### **2.3 Antitrust**

Claudio DeSanti indicated that among the rules and policies under which this working group operates are the INCITS Antitrust Guidelines. Any member of the meeting is responsible for objecting if he believes discussion in the meeting violates those guidelines. If such discussion is not immediately terminated, it is the charperson's responsibility to terminate the meeting. The INCITS Antitrust Guidelines are available at <http://www.incits.org/inatrust.htm>

## **3. Administrivia**

Claudio DeSanti moved to approve the agenda as written, Terry Cobb seconded. Motion approved by acclamation. Landon Noll moved to approve the minutes of the past meeting, document 06-874v0, Scott Powell seconded. Motion approved by acclamation.

## **4. Review of old FC-BaseT action items**

None.

## **5. Scheduled FC-BaseT business**

### **5.1 FC-BaseT Transcoding Examples, 07-066v0, Claudio DeSanti**

It has been noted in the past that some examples of 36/33 transcoding would have been helpful. Claudio presented a table with a couple of examples to be put in section 5.3.2. The group agreed on the table.

### **5.2 Transmit Power Specifications in the FC-BaseT Draft, 07-067v0, George Zimmerman**

George presented some concerns about possible interference issues when 4GFC-BaseT is used together with higher speed technologies, such as 10GBASE-T, on a structured cabling infrastructure based on Category 6a cables. To solve these issues he suggested a different power schedule. In his analysis he also discovered an inconsistency in the current electrical specification: the PSD masks are specified as single-sided but are diagrammed as double sided. The group agreed on correcting the PSD masks and on the validity of the possible interference issues, however these were not considered so relevant as presented by George.

### **5.3 FC-BaseT Electrical Specification Update, 07-068v0, Claudio DeSanti**

Claudio presented a document intended to close the electrical issues. The document included updated PSD masks from Scott Powell. The current power schedule was kept, but the values were changed to be maximum values rather than required values. The power schedule proposed by George was included in an informative annex, as a recommended power schedule. The group agreed that the document was the correct way to move forward.

### **5.4 FC-BaseT Letter ballot comments, 07-017v0, Claudio DeSanti**

Two late comments were added to the letter ballot comments database to take care of the of the transcoding examples and of the electrical issues. The relative actions are all recorded in document 07-017v1.

## **6. Unscheduled FC-BaseT business**

None.

## **7. Motion to forward**

It was moved by Claudio DeSanti and seconded by Landon Noll:

The FC-BaseT WG recommends to T11.2 and T11.3 to recommend to T11 to accept the comment resolution document 07-017v1, and that FC-BaseT rev. 1.0 (project 1795-D, document 07-018v1), be accepted as containing the comments resolution and forwarded for first public review.

Motion carried 10:0:2.

## **8. Review of FC-BaseT action items**

None.

## **9. Next meeting schedule**

The work is done, no more meeting are requested for this Working Group.

## **10. Motion to adjourn**

Terry Cobb moved to adjourn at 10:53m, Bob Nixon seconded. Motion approved by acclamation.

## 10. Attendance

The following 21 people attended this meeting:

Company	Name
AGERE	Carl Murray
BROADCOM	Scott Powell
BROCADE	Joe Pelissier
BROCADE	Scott Kipp
CISCO SYSTEMS	Claudio DeSanti
EMULEX	Bob Nixon
EMULEX	Hossein Hashemi
EMULEX	William R. Martin
HEWLETT PACKARD	Don Fraser
INTEL CORPORATION	Schelto Van Doorn
NEOSCALE SYSTEMS	Landon Noll
QLOGIC	Rick Hicksted
QLOGIC	Saptarshi Chakraborty
QLOGIC	Craig W. Carlson
SEAGATE TECHNOLOGY	Allen Kramer
SEAGATE TECHNOLOGY	James Coomes
SOLARFLARE	Brett McClellan
SOLARFLARE	George Zimmerman
SOLUTION TECHNOLOGY	Robert Kembel
SUN MICROSYSTEMS	Michael Roy
SYSTIMAX SOLUTIONS	Terry Cobb