

## Minutes of T11.1 HIPPI Optical Ad Hoc Working Group

**June 7, 2001  
Minneapolis, MN**

### 1.0 Opening remarks and introductions

The T11.1 Chairman, Roger Ronald of VIEO, opened this meeting at 8 AM and thanked Craig Carlson and QLogic for hosting this meeting.

This group is constituted as both the HIPPI Working Group under T11.1, and the High Performance Networking Forum (HNF) - Technical Committee (TC).

The list of attendees is at the end of these minutes.

Roger Ronald lead a round of introductions. Roger will record and produce the final HIPPI-6400 Optical minutes separate from the other HIPPI minutes.

### 2.0 Review / modify the draft agenda

Draft agendas were distributed via e-mail before the meeting.

There were no changes.

These minutes reflect the approved agenda.

### 3.0 Document distribution

Roger described the HIPPI web page at [www.hippi.org](http://www.hippi.org). Meeting documents are placed there and people are encouraged to pick up the documents before the meeting as extra documents are generally not available at the meeting.

### 4.0 Review minutes of previous meeting

The minutes of the April 12, 2001 HIPPI Optical Working Meeting in Toronto, ON were reviewed.

There were no corrections or changes.

Richard Johnson moved and David Gaskill seconded a motion to approve the April 12, 2001 optical working meeting minutes as written.

The motion passed without objection.

### 5.0 Review action items

The action items from the April 12, 2001 meeting were reviewed.

1. Roger Ronald to produce the minutes for the April, 2001 meeting. (**done**)
2. Roger Ronald to create a FAQ on the website to explain the various options for optical interfaces on HIPPI-6400. (**carryover**)
3. Tom Murphy to update the Infineon GSN application note (**done**)
4. Tom Murphy to verify that the DC mode of SuMAC operation inherently produces a higher swing. (**carryover**)

### 6.0 Presentations

None.

### 7.0 HIPPI-6400-OPT, Revision 2.2, dated 4/1/2001

#### 7.1 Status

This document was forwarded to T11 for further processing at the last T11.1 plenary. T11 approved a letter ballot for HIPPI-6400-OPT and that ballot concluded on June 4.

The vote results were 57 for, 0 opposed, 0 abstentions, 15 not voting.

4 ballots included comments.

#### 7.2 Letter Ballot Comments

Two of the comments made against HIPPI-6400-OPT were identical and simply stated that the companies providing the vote had not reviewed the document since they were not affected by it.

The group did not consider these comments as substantive

The other comments were received from Corning and VIEO. The comments from VIEO actually were originally from Corning, but were inadvertently truncated when Corning submitted them. The

Chair resubmitted them from VIEO so they would not be lost.

Comment resolution comments can be found on the standards page for HIPPI-6400-OPT at [www.hippi.org](http://www.hippi.org).

All of the comments were resolved (some accepted and some rejected). Corning concurred with the resolution of the comments.

The document was updated with the accepted comments and will be submitted to T11 with a recommendation that the document be forwarded to NCITS for public review.

## 8.0 Infineon Application Note

The HIPPI-6400 optical application note from Infineon was reviewed. The author, Tom Murphy, was not in attendance, but Richard Johnson took notes for his co-worker.

- Voltage input swings to the SuMAC appeared inadequate, but the HIPPI-6400-PH spec indicated a different number should be used (rather than the one currently captured in the app note). We will assume the 6400-PH spec is correct in the absence of a definitive statement from SGI.
- Arie Van Praag sent a couple of comments that were passed onto Richard and Tom. One questioned the lack of references to existing work, the other questioned the supported distances.
- Brian Breuer of Genroco questioned the clock signal connections and the group asked Tom Murphy to reverify the pinouts against the list on the web site (on the HIPPI-6400-OPT standards document page).

## 9.0 Call for patents

Roger issued a call for disclosure of the existence of patents required to implement the results of any and all HIPPI standards. It is necessary for the patent holders to agree to license those patents in conformance with the ANSI patent policy if the project on which they apply is to proceed. T11 and its Task Groups are not involved in this process at all other than to issue the call and forward paperwork.

The contact at ANSI is the General Counsel, Ms. Amy Marasco - (212) 642-4954 or [amarasco@ansi.org](mailto:amarasco@ansi.org). A patent policy description is at [www.ansi.org/proctbl.html](http://www.ansi.org/proctbl.html), section 1.2.11.

No new patent claims were made at this meeting.

## 10.0 Planning for future work

We will continue with the same meeting schedule for the foreseeable future.

## 11.0 Future meeting schedule

### 11.1 June 7, 2001, Big Island, Hawaii

The next Optical working group meeting will be held August 9th from 8 AM till 10 AM during the August, 2001 Plenary week on the Big Island of Hawaii.

The hotel information is available at the [www.hippi.org](http://www.hippi.org) web site.

### 11.2 Future meeting dates and locations

The Optical working group will meet on Thursday mornings (8 AM till 10 AM) during the T11 Plenary week, before the HIPPI plenary meeting.

Meetings after the end of the year will probably end unless new blood can be found to continue the work of the committee (see the Plenary minutes for details)

### 2001

Aug 6-10	Hawaii, HI	Solution Tech
Oct 8-12	San Diego, CA	JNI
Dec 3-7	Austin, TX	Crossroads

## 12.0 Review action items

The following action items were carryovers or were added at this meeting.

1. Roger Ronald to produce the minutes for the June, 2001 meeting.
2. Roger Ronald to create a FAQ on the website to explain the various options for optical interfaces on HIPPI-6400.

3. Tom Murphy to update the Infineon application note.

### 13.0 Adjournment

Don Woelz moved and John Hancock seconded to adjourn the meeting at 9:37 AM on June 7th.

## Attendance

Name	Status	Company	Phone	E_mail
David Hyer	A	Compaq Computer Corp.	508-467-4550	david.hyer@compaq.com
David Gaskill	O	Essential	505-344-0080 x340	dgaskill@esscom.com
Donald Woelz	P	Genroco, Inc.	262-644-2505	don@genroco.com
Richard Johnson	O	Infineon	408-501-5657	richard.johnson@infineon.com
Roger Ronald	P	Vieo, Inc.	972-437-9461	rronald@vieo.com
John Hancock	O	Raytheon Systems Co.	703-619-8722	jhancock@bigplanet.com
Schelto Van Doorn	O	Intel	608-398-2661	schelto/vandoorn@intel.com