

**IEEE P1394b CONNECTOR TASK GROUP  
COPPERHEADS  
Tempe, AZ  
March 22, 1999**

Max Bassler – Chairman  
Bill Northey – Secretary

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**AGENDA**

Review and approval of last meetings minutes

New Items

- Presentations
    - IEEE P1394.B Modified and Enhanced Connector Test data
    - Beta Only Proposal
  - Review ongoing action items
  - New Business
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**FEBRUARY MINUTES**

Max handed out copies of the minutes from the February 9, Huntington Beach meeting. Minutes were reviewed. A change was identified. In the Review of Ongoing Action Items, EMI/RFI Baseline Test Method, final point, "JOHN LOPATA RAISED THE ISSUE THAT CABLE ID IS IDENTIFICATION AND NOT AN ACTIVE TEST" should actually be in the next section titled Cable Detect Pin in Copper Connector. With this correction, the minutes approved.

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**NEW ITEMS:**

- **PRESENTATIONS:**
  1. IEEE P1394.B Modified and Enhanced Connector Test data – Bill Northey
    - Presentation covers testing specified by IEEE 1394-1995
    - All test severity conditions were addressed in testing
    - Question about sample sizes were asked. Bill explained required or more were used.
    - Testing was done by Contact Research.
    - Question about the unmated pair test of the flowing mixed gas test in Phase D, Bill to clarify.
  2. Beta Only connector – Max Bassler
    - Max gave a 1394b Strawman list for connector requirements that he received from David Wooten. Among the mechanical requirements – must be about as small as the current 4-pin and still include power.
    - S800 and S1600 as currently defined in 1394.b do not include data strobe
    - Moveable contact on cable plug; fixed contact on the pc board receptacle
    - Backward compatible by way of dongles or adapters.
    - Max showed a two row concept with power and ground interspersed between signals.
    - Max indicated that it is felt that the Consumer Electronics segment may more readily accept this new connector design for higher speed systems.

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**OPEN ACTION ITEMS:**

- **EMI/RFI TEST METHOD – Chuck Brill to report in April**
- **CABLE DETECT PIN FOR ENHANCED 6 CKT I/O – Open pending Plenary vote on March 23 for s800**
- **ENHANCED 6 CKT I/O – Bill Northey**
  - **TEST DATA**
  - **Post Presentation**
  - **Bring proposed wording change and drawing 4.7 option**
- **REVISE NEXT VALUES IN THE DRAFT**
  - **Colin to revise**
  - **Recommend 6 ckt enhanced NRXT to be 5% @ 250ps risetime**
- **BETA ONLY CONNECTOR PROPOSAL – Max Bassler**
  - **Post to web for review and comment**
- **Verify S800 operation w/cable & enhanced 6 ckt – Dave Bruncker**

No other new business

Meeting closed