

IEEE 1451.4 Standard Working Group  
Telephone Meeting, Dec 07, 2000  
Meeting Minutes, issued 12-11-00, approved 08-23-01

Chair: Steven Chen  
Secretary: Paul Hufnagel

Attendance:

Arati Baruah, Boeing, arati.b.baruah@boeing.com  
Robert Broadbent, Teradyne, Robert.Broadbent@notes.teradyne.com  
Mark Buckner, ORNL, bucknerma@ornl.gov  
Steven Chen, Aeptec/3E, schen@aeptec.com  
Mike Dillon, Modal Shop, mdillon@modalshop.com  
Mike Dunbar, Crossbow, mdunbar@xbow.com  
Paul Hufnagel, Kistler Instrument Corp, phufnagel@kistler.com  
Charles Jones, Edwards AFB, Charles.Jones@edwards.af.mil  
Torben Licht, Brüel and Kjær, trlicht@bk.dk  
John Mark, Kistler Instrument Corporation, jmark@kistler.com  
Joe Que, Endevco, jque@endevco.com

1) User Manual: C. Jones

- a) Question on desirability of using an analog switching node, or actuator, on the 1451.4 digital bus as part of an elementary example.
- b) A node containing a switch to control gain may be appropriate for a simple example. Dallas DS2406 or DS2407 are suggested as possible candidates for an analog switching node.
- c) Plan on the 1<sup>st</sup> or 2<sup>nd</sup> week of Jan 01 for a meeting devoted to discussion of the User's Manual.

2) T-Block:

- a) Ilogix Rhapsody is used to convert UML models into code.
- b) Dallas hardware demonstrations. Communication from J. Que:

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From: Que, Joe [jque@endevco.com]  
Sent: Friday, December 08, 2000 2:49 PM  
Subject: Getting Started With Micro-lan

SEVERAL WAYS TO GET STARTED WITH MICROLAN

1) The fastest way to get started with the Dallas Semiconductor's MicroLan Devices is DS9092K Touch Memory Starter Kit. This kit includes the adopter to your PC com port, ibutton Viewer TMEX software and assortment of ibutton devices. The DS2430 device which is widely used for the 1451.4 compliant accelerometers is not included in this kit but will work when connected to it. This kit is available for \$75.00 at Dallas Semi Tel. 972-371-4448. Or for more information about ibutton devices browse thru www.ibutton.com.

2) The next possible way is to buy the Dallas Semiconductor's universal comp port adapter type DS9097U-009 or DS9097U-S09 (the -009 is without node ID) and obtain TEDS editor software from B & K #BZ 5294. You may have to rig up your own cable or use the cable from the DS9092K kit. This TEDS editor will support several 1451.4 templates.

3) Another way is to purchase Endevco's 1451.4 Teds Programmer #36014 kit for \$450.00. This includes the software and hardware to be connected to your PC. This kit only support accelerometers with transfer function type template.

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- 2) Face to face:
  - a) Kistler, Buffalo and Aeptec, Gaithersburg are both available for the February 2001 Face to Face Meeting. The week of Feb 19 is suggested.
  - b) The week following IMAC (Feb 12), in Orlando was suggested as warmer than either of the above options. Arrangements for meeting space would need to be made.
  - c) Possibility of holding back-to-back meetings, for both 1451.3 and 1451.4, at NIST, is suggested.
  - d) Working Group to decide at the 12-14-00 Telcon meeting.
  
- 3) Draft Preparation: C. Jones
  - a) It is desirable to have all changes to the draft completed very soon after the first of the year, if not prior to year's end.
  
- 4) New Business:
  - a) New meeting time of 2:00pm eastern time suggested for the convenience of those in the Pacific and European time zones. Consensus is agreeable to the time change, which will be adopted in Jan 01.
  
- 5) Next meeting, 12-14-00.
  - a) Adjourn: 11:56am EST.