

Approved Minutes of the P1451.3 Working Group Teleconference

Date: March 17, 1999

Time: 12:30 pm PST

Proceedings

Agenda

- 1) Approve agenda & take attendance
- 2) Discussion of Schedule.
 Establish Sub-groups
- 3) Discussion of proposal process.
- 4) Discussion of Triggers
- 5) Summary and discussion of next agenda

Discussion

- A) The dot4 working group will be meeting face to face Monday May 3rd at the Sensors show in Baltimore.
- B) The possibility of a dot3 face to face was discussed however the chair felt that there would not be enough to talk about in order to justify a face to face meeting and that if there was one he would not be able to attend.
- C) Dividing the working group up into sub-groups and preparing the draft for balloting were discussed.
- D) It was suggested that the sub-groups distribute status reports and publish minutes via email, hyper news and a new section which would be added to the 1451 web site. It was expressed that teleconferences would be a good tool for sub-group work.
- E) The chair stated that face to face meeting would be necessary right before and right after balloting.
- F) The dot4 TEDS is the same as it was in October's face to face in Houston.
- G) The TEDS field for uncertainty was discussed with some controversy.
- H) Gary Turner from ORNL will be on the control and command sub-group.
- I) Lee Eccles discussed a series of papers on dot2 transducer types.
- J) Larry Malchodi will recommend facilitators for each sub group.
- H) Mike Moore made the point that the time division multiplexing that the group is considering is not high speed cell phone TDMA (as in Errickson phones) and that a new term may need to be chosen to avoid confusion. TDMA is a more sophisticated scheme that what is being proposed here.
- I) Richard Jones could not attend the entire meeting due less technical but equally pressing matters.
- J) There was discussion on the electronic format of the draft of the standard. Microsoft Word 97 and PDF format were considered but Microsoft Word 6.0 format will be used for the time being.

IEEE P1451.3 Subgroups

(Sub group members are listed are as of March 17th -- Feel free to contact
Larry.A.Malchodi@boeing.com if you would like to join a new group.)

1. Transducer Types

Types

Effect of Triggers

2. Control Commands

Gary Turner (ORNL)

Mark Buckner

Wally Gardner

3. Functional Elements

Mark Buckner

Steve Smith

Richard Jones

Larry Malchodi

Russell Dominique

Bryan Tracy

Control Channel

Synchronization

Hot Swapping

Triggers

Self identification

Data transfers

Data format

Addressing

Data Packet Structure

Control Packet Structure

FDMA

CDMA

3a. Transducer types

Steve Smith

Lee Eccles

4. TEDS

Jorgen Baekke

Mark Buckner

Richard Jones

Frequency Response

Virtual TEDS

5. Physical

Steve Smith

Bryan Tracy

Paul Hufnagle

Larry Malchodi

Wally Gardner

Tony

Cables

Connectors

Electrical

Power

6. Dot 3 T-Block

Mark Buckner

Mark Slatner (Boeing)

Doreen Bingo (Boeing)

Dave Bennet (Boeing)

Ashley Malloy (Hymetrics)

7. Final Preparation for Balloting

Overview

Definitions & References

Conformance

Cover Letters

Clean up Draft

Summary and discussion of next agenda

There will be no plenary working group meeting next week.

Possibly, there will be a functional elements sub group meeting.

The next working group meeting will be March 31st.

Action Items

Bryan Tracy will update the minutes on the web with Larry Malchodi.

Larry Malchodi will confer with Dan Konz.

Larry Malchodi will contact the IEEE regarding electronic formatting of the draft of the standard.

Attendance:

Note: A full account of past attendance is located at:

<http://www.ic.ornl.gov/p1451/p1451.3/minutes/attendance/> in Microsoft Excel format.

Name	Company
Jim Read	
Larry Malchodi	Boeing
Paul Hufnagle	Kistler
Mike Moore	ORNL
Mark Buckner	ORNL
Russell Dominique	Aeptec
Jorgen Baekke	B&K
Rod Jeulfs	Boeing
Lee Eccles	Boeing
Dan Konz	Boeing
Wayne Catlin	Boeing

Steve Smith

ORNL

Bryan Tracy

Eaton

Torben Licht

B&K

Craig Evenson

Endevco

Wally Gardner

Halliburton

Richard Jones

Hymetrics