

**IEEE 1451.4 Standard Working Group
Telephone Meeting, March 14, 2002
Meeting Minutes, issued 03-15-02, approved 04-11-02**

Chair: T. Licht

Secretary: P. Hufnagel

Attendance:

Jorgen Baekke, B&K, Jsbaekke@bksv.com

Chris Hewson, PCB Electronics, Chewson@pcb001.pcb.com

Paul Hufnagel, Kistler, Paul.Hufnagel@kistler.com

Torben Licht, B&K, Trlicht@bksv.com

Carlos Lopez-Reyna, Scitefair, clopez@scitefair.com

David Potter, National Instruments, David.Potter@ni.com

1) Sub-Group on Static vs Dynamic Parsing of TEDS:

- a) No report this week.

2) Sub-Group on Readability:

- a) Section 7, proposed by C. Jones:

http://www.1451dot4.com/presentations/021402/Chap_7_DL_by_CHJ_020208.doc

- b) Comments by T. Licht:

http://www.1451dot4.com/presentations/022102/Early_Description_Language_section.doc

- c) Para 7.4.5, the need for "datatype" "String5" and "String7" are questioned. Discussion reveals many and varied opinions on the use for strings of differing ASCII character structure. A "String8" datatype may also be useful. C. Lopez and G. Foote have had a conversation on the usage of a generalized expression for strings, allowing varied character types and bit lengths. J. Baekke cautions string types should be as few and as simple as possible, and to beware of constructs using excessive TEDS bit count.

Action: G. Foote and C. Lopez to propose techniques for the usage of strings.

- d) Para 7.4.5.6, the table of "float types" contains a "single float" definition, the addition of which is questioned. The intent of this command may be met by other means. J. Baekke concerned that "singles" are neither of constant relative resolution, nor constant resolution, and are wasteful of memory bits. Memory size is limited not only by the size of the available devices, but also by the network bandwidth, which limits the amount of data able to be retrieved. **Action: J. Baekke G. Foote, T. Licht and C. Lopez will discuss the need for the "singles" datatype and alternatives.**

- e) Section 7 and T. Lichts comments thereto, will be discussed at the FTF Meeting, at NMW, Chicago, Mar 22, 2002.

3) Sub-Group on UGID:

- a) No report this week.

4) Sub-Group on Force Transducers:

- a) No report this week.

5) Dallas Family Codes:

- a) No report this week. C. Lopez reports that the Status Register of the DS2430 cannot be read, using the XML model from Dallas Semiconductor.

6) Minutes of Previous Meetings: P. Hufnagel

- a) Minutes of the 03-07-02 were approved, with correction to the footer date. The Secretary will revise and place them on the Approved Minutes website.

7) National Manufacturing Week, Mar 18-21, 2002, booth #5131.

- a) Two technical sessions are planned and will include a video projector, only. **Action:** - **Abstracts should be forwarded to K. Lee as soon as possible, and .ppt presentations may be sent to Kang, as well, so that only one laptop is needed in the sessions. Speakers are also requested to send their names and addresses to K. Lee, for pre-registration. Email: Kang.Lee@nist.gov.**
- b) **Action: Kang will forward a presentation agenda to the Working Group.**
- c) Mar 19 will include papers by K. Lee, T. Licht, J. Wiczer, E. Herceg and D. Potter. Mar 21 will include papers by M. Dillon, P. Hufnagel, D. Maxwell, C. Lopez-Reyna, K. Lee and T. Brooks.
- d) Booth attendees may register online at: www.manufacturingweek.com. Register as exhibitors.
- e) Speakers may pick up registration badges at the Speaker's Room, McCormick South, Rm. 5028. Give the registration code 812592, and password 20899.
- f) The convention center will be open on Saturday and Sunday, Mar 16 & 17, 2002, for exhibit preparation.
- g) A room is reserved for the planned Mar 22 Working Group Meeting, at The Allegro Hotel, changed from the Holiday Inn. Meeting hours will be 8:00 AM until 4:00 PM. Room rate is \$250 for the day, plus catering. There will be approximately 12 attendees. **Action: K. Lee and D. Potter will determine the total expenses and submit them to IEEE for reimbursement.**
- h) Meeting agenda, from T. Licht:

Draft Agenda
General Meeting of The IEEE 1451.4 Standard Working Group
March 22'nd, 2002
Held at Allegro Hotel, Chicago

Date	Time	Subject
Fri, March 22	8:00 am - 8:30	Arrival & Coffee
	8:30 - 9:00	Session 1: Approval of Agenda
	9:00 - 9:30	Session 2: Update Action Item list, assign facilitators
	9:30 - 10:00	Session 3: Presentation and discussion of section 6. TRL
	10:00 - 10:15	Break
	10:15 - 12:00	Session 3, continued: Presentation and discussion of section 6.
	12:00 - 1:00 pm	Lunch
	1:00 - 2:00	Session 4. Presentation and discussion of section 7. CJ
	2:00 - 3:00	Session 5. Presentation and discussion of section 9, T-block. CLR
	3:00 - 3:15	Break
	3:15 - 4:00	Session 6: Review of sec. 5, PH
	4:00 - 4:30	Summary and Adjournment

- i) Suggested changes:
 - Postpone discussion of Section 5, since P. Hufnagel will not be in attendance, and use that time for other discussions.

8) Action Items:

- a) Secretary has compiled a list of Action Items for the release of the Standard, as discussed at the Austin Meeting. The Secretary will keep the list current.

http://www.1451dot4.com/presentations/030702/1451dot4_ACTIONS_08_Mar_02.doc

9) Next Meeting:

- a) Friday, Mar 22, 2002, Allegro Hotel, Chicago.
- a) Next Telcon: Thurs, Mar 28, 2002, 2:00 pm EST.
- b) Adjourn: 2:49 pm EST.