

IEEE 1451.4 Standard Working Group
Telephone Meeting, Oct. 26, 2000
Meeting Minutes, issued 10-26-00, Approved 8-23-01

Chair: Torben Licht
Secretary: Paul Hufnagel

Attendance:

Mike Dillon, Modal Shop, mdillon@modalshop.com
Brett Gidge, Wilcoxon Research, brett@wilcoxon.com
Paul Hufnagel, Kistler Instrument Corp, phufnagel@kistler.com
Kang Lee, NIST, Kang.Lee@nist.gov
Torben Licht, B&K, trlicht@bk.dk
John Mark, Kistler Instrument Corporation, jmark@kistler.com
Joe Que, Endevco, jque@endevco.com
Stan Woods, Agilent, Stan_Woods@agilent.com

1) T-Block:

- a) Starting State of the T-Block
 - Starting state is not set by the transducer, but by the system.
 - Consensus is now for the initial state to be analog.
 - Question on whether the transducer should be in active or passive sub-state when connected to the system.
 - If a transducer is connected to a system which is "on" (i.e. "hot-swapped") the system can not find the transducer, if it is in a passive state.
 - Perhaps the initial state is not of concern to this Standard, and should not be defined.
 - A new transducer connected to a system may be identified only by reading the TEDS.
 - The transducer operating state may be determined only by reading the TEDS.
- b) Question on the propriety of using a node list in a system with a single node, the use of the term "node list" in the T-Block context, and place of node list residence, whether in the transducer TEDS or in the T-Block.
- c) Discussion for the 11-02 meeting on figure 5 of the T-Block chapter; clarification of the three "modes" of the transducer interface.
- d) Question on the prohibition of legacy and 1451.4 compliant devices residing on a single interface, and whether this should be included in the Standard.
- e) Opinion stated that many of these issues will be resolved only when implementation is attempted, preferably prior to balloting.

2) Use of XML as the Template Language:

- a) Users tend to prefer an industry-accepted languages as a development tools, over proprietary development tools.
- b) The Description Language may need to be placed in an informative appendix, allowing the design of templates, within the requirements of the Standard, using other development tools.
- c) The important point is the correct placement of the data within the TEDS format, not the means by which it is placed.

3) Next Face-to-Face meeting:

- a) Consensus reached on holding the FTF meeting at NIST, Nov. 29, 30 and Dec. 1, 2000. Any objections to be forwarded to K. Lee, by Oct. 30, 2000, so that arrangements may be completed.

4) New Business:

- a) Question on availability of manufacturer codes for license. Who is administering these?

- b) Action: M. Dillon will draft a proposal for procedure to be used by IEEE in the assignment and licensing of Manufacturer ID codes, for IEEE Std. 1451.4. Codes presently assigned to Working Group members will be defined in the proposal.
- c) Was there a modification to the 1451.4 template for microphone/preamp assemblies proposed at the FTF meeting in Copenhagen? If so, has the change been published?

5) Next Telcon, 11-02-00: Adjourn: 11:59am EDT