

**Minutes of TC-10 Meeting of  
16 May 2007 in Tucson, Arizona**

**Attendance:**

Tom Linnenbrink	Hittite Microwave
Niclas Björzell	University of Gävle
Bill Boyer	Sandia (retired)
Bob Graham	Sandia
Steve Tilden	Texas Instruments
Eulalia Balestrieri	Univ. of Sannio (via WEBex)
Nick Paulter	NIST (via WEBex)
Allan Belcher	Signal Conversion Ltd (via WEBex)

Minutes prepared by Niclas Björzell.

1. We thanked our host, Texas Instruments, for the meeting room, internet connection, and treats. We thanked Steve Tilden for making the the arrangements.

2. Introduce attendees

3. Review of minutes from previous meeting.  
The minutes were accepted after editorial changes.

4. Correspondence and Administration

a. Web page.

The web pages are successfully updated.

b. IEEE

The process of automating the PAR submittal is now web based. An alert has been sent out by e-mail earlier this spring.

c. E-mail

Subcommittee e-mail list should be updated and it was also suggested to add a (cell) telephone list. The subcommittee's chairmen are encouraged to check the e-mail lists.

d. General

The Semi-Annual Report (available on the website).

Tom has received a phone call from Joe Stanco about appendices for Standard 1641 (being developed by TC-11?) on measuring and generating signals. Joe has not responded to Tom's email reply.

e. Membership forms

The new membership form is working well.

We need to recruit more members. An action item to all members is to contacts 1-2 potential members. Other suggestions to recruit more members are:

– Contact authors of good papers

- Tutorial (at ITC or Auto test con). Tom will ask Sol.
- Tom will try to advertise the committee at ITC and AutoTestCon
- f. On fonts and templates used in standards
  - The number of fonts in the standards should be reduced. Bob will look in to the templates, and give recommendations on how minimize problems with Word.
- g. Archiving files
  - The file archiving will be made consistent with what Sol has done on the ADC and DAC web sites.

#### 5. SCOPT (181) Report

The IEC TC85, who maintains the IEC 60469-1 and -2, had previously rejected the IEEE TC-10's proposal to replace the IEC documents by the newly published IEEE Std181 because of a lack, the TC85 felt, of international participation in the IEEE Std181 revision process.

Nick Paulter has recently become a member of the US TAG to the IEC TC85 and will present a case to this committee in Nov 2007 for considering the IEEE Std-181-2003 as a replacement for the IEC 60469 series.

The Std-181 will be up for renewal at then end of 2008.

#### 6. SCOPS(1696)

The new standard is progressing. The sub committee is focused on exchanging ideas about the technical content.

Nick Paulter stepped down as chairman. Bob Graham will be the new chairman.

Tom and Bob will look in to the formality to install a new chairman.

#### 7. Waveform recorder (1057)

We passed the ballot process; 40 voted and we got one negative vote (regarding the use of too many fonts). We will work with the editor to fix the font problem. We need to address the comments and hopefully no new ballot is needed.

#### 8. ADC (1241)

Only few members could attend to the meeting. Daniel Rosenthal is a new member. We went through the new material but some material was postponed to the next meeting due to the small group and the size of the changes

#### 9. DAC (1658)

Next meeting will be tomorrow. New input has been submitted by Alan Belcher. The process will accelerate with WEBex meeting in between the meetings and e-mail activities. Estimate: 60 % are finished with 12 months until we need to ballot.

#### 10. Jitter measurement techniques

A new standard for Jitter measurement techniques were discussed. Nobody volunteered for the chair. Two suggestions for the chair are Clinton Smith (Picosecond Pulse Labs) and William Eisenstadt (University of Florida at Gainesville).

#### 11. IMtc 07

Fang Xu held the ADC/DAC tutorial.

From 2008 the conference will be entitled I<sup>2</sup>Mtc for International Instrumentation and Measurement technical conference.

#### 12. Future projects

##### a. ADC forum

IET (former IEE), is planning the next ADDA in Boston next year, to be organized by Allan Belcher. Allan and Tom will coordinate the ADDA and the ADC Forum planned for I<sup>2</sup>Mtc2008.

##### b. Measure magazine

The magazine is not seeking for any specific topic at the moment. If we have something we should send it in.

#### 13. Next meeting

The next meeting was proposed to be in Boston (LTX) the week of October 29<sup>th</sup>. **However, after the meeting, the meeting was moved to the week of October 14<sup>th</sup> to accommodate Pasquale Daponte's travel plans.** The SCOPS meeting will be in the beginning of the week.

The following meeting will be in Colorado Springs any time in February, any one with constraints please contact Tom. Niclas will not be able to attend the week of February 25<sup>th</sup>.

#### 14. Other New Business?

No other new business was addressed

#### 15. Adjourn