

IEEE P1241 Working Group
Meeting Minutes
27 July 2021 12 PM EDT
WG Chair: Nicholas G Paulter
WG Secretary: Luca De Vito

1. Call to Order:

The Chairman Nicholas G. Paulter recalls the aim of the current meeting which is mainly devoted to the revision of the P1241 draft.

2. Roll Call and Affiliation

Meeting participants:

1. *Nichlas G. Paulter, NIST, USA, Chair,*
2. *Paolo Carbone, University of Perugia, Italy*
3. *Luca De Vito, University of Sannio, Italy, Secretary*
4. *Gregory Kyriazis, INMETRO, Brazil*
5. *Jerome Blair, retired, USA*
6. *Dominique Dallet, University of Bordeaux, France*
7. *Martin Hudlicka, CMI, Czech Republic*
8. *Paolo Crovetto, Polytechnic of Turin, Italy*
9. *Yossef Ehrlichman, Axalume Inc., USA*
10. *Alessandro Mingotti, University of Bologna, Italy*
11. *Charles Cherny, Air Force Research Laboratory, USA*
12. *Antonio Moschitta, University of Perugia, Italy*
13. *Baptiste Laporte-Fauret, Thales, France*
14. *Razvan Ciocan, Draper laboratories, USA*
15. *Bryce Minger, Thales, France*
16. *Allan Belcher, Signal Conversion, UK*

3. Approval of agenda

- a. Gregory made the motion to approve the agenda sent by e-mail and seconder was Paolo. The agenda was approved.

4. IEEE Patent & Copyright Policies

- a. Chair made a call for potentially essential patents; no one raised concerns for consideration.

5. IEEE SA eTools

- a. Recall of the IEEE SA tools

6. Review of Draft

- a. The WG began reviewing the standard and made revisions as necessary. See latest draft of revised standard for more details.

7. Tasks for next meeting
 - a. Paolo Carbone
 - i. Redo Figure 1
 - ii. Redo Figure 2
 - iii. Propose a new harmonic distortion definition: identify possibly more accurate and applicable definition from another standard
 - b. Jerry Blair
 - i. Revise spurious-free dynamic range (SFDR) definition
 - c. Nick Paulter
 - i. Accept changes per attendees' approval to create draft Draft D4
 - ii. Merge terms that are used synonymously for "code transition level," including "transition level," "code bin threshold," "threshold," "code edge," and "edge" where appropriate and change to "CTL"
 - iii. Change "must" to "should" or "shall"
 - iv. Check usage of FWHM and edit as appropriate
 - v. Check the usage of rise time and fall time and delete their definitions
 - d. Luca De Vito
 - i. Harmonize three definitions related to code transition level
 - e. Yossi Ehrlichman
 - i. Check that abbreviations and acronyms listed in Sec 3.2 for use in the document
 - ii. Rewrite Clause 5.2, Curve Fitting Test method, considering Gregory's comments on draft D3
 - f. Martin Hudlicka
 - i. Provide more generalized pseudo-code, if possible, for Clause 4.4.1 regarding pseudo-code for describing equivalent-time sampling
8. Adjourn
 - a. WG Chair adjourned the meeting at 3 PM.
 - b. Minutes submitted by: Luca De Vito