

**P280 Working Group
Minutes of 26 March 2019 Web Teleconference Meeting**

1. Call to order

Meeting was called to order by Randy Curey (Chair) at 1:00 PM (EST).

Roll Call of Voting Members

Last, First Name	Affiliation	Present
Curey, Randy (Chair)	Northrop Grumman	Yes
Balma, Peter	Retired	Yes
Edwards, Doug (Secretary)	Siemens	Yes
Hoffman, Gary	Advanced Power Tech.	No
Ley, Adam	Asset Intertech	No
Guest		
Gentry, Elizabeth	NIST	Yes

2. Determination of Quorum

60% attendance – Quorum met.

Brian Lee was removed from WG membership due to not meeting attendance requirements.

3. Approval of Agenda

No objections. Approved by consent.

4. Approval of February 26, 2019 Meeting Minutes

Pending follow-up meeting.

Minutes had not been provided prior to meeting. Minutes provided during meeting but were not reviewed or approved.

➔ Action Item for next meeting to approve February 26 and March 26 meeting minutes.

5. Call for Patents

No Patent issues reported.

6. Chair's remarks

No specific remarks. Go to work below.

7. Continue working on P280

- a. Continue dispositioning the comments in the draft
- b. Continue addressing member's comments that have been submitted
 - i. Address comments submitted by Peter on Draft 6.

Pickup at T12.3.

- c. Was Page ii of 280-1985, ACCEPTANCE NOTICE states, "The above Non-Government standardization document ... for use by DOD."

Action: Doug Edwards: Request review by IEEE Liaison Mike Kipness for review of this frontmatter text. If there are dead-ends through IEEE, Elizabeth Gentry may have contacts for similar.

Also – Doug E to ask, as Chair of 945, concerning same text from 945-1984.

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- d. Table 12 – Note 1.
Updated to reference NIST.
- e. T12.7 Issue that table has two (2) values for Plank constant?
Created new table entry for Dirac constant.
- f. Tables were reformatted (off-line)
Font sizes were increasing (Font size 11) so that formula legibility is improved.
- g. Table 12 Values
Action Item: Peter, Numbers do not match NIST updated values. Double-check values and email Randy to update.
- h. T13.6 Symbol
Symbol should be “plain” square, not a square with shading.
- i. T13.7 Symbol
Symbol updated.
- j. T13.15 spacing and italics
Spacing and italics updated.
- k. Table 14 – Various formatting changes made
Area, Ar, typo.
- l. Introduction & DoD
Request is for follow-up with balance of the text, specifically covering the “informing” Work with Elizabeth G. to identify point of contact.
DOUG – Send page ii of previous draft to Elizabeth.
- m. In upcoming Draft 8
T13.16 to T13.19: Added back Re , Im , ln , \log_e , \log , \log_{10}
Table 14 updated to provide cross-references associated with these items.

Elizabeth’s comments (from 2019-03-26 email).
- n. 1.1 “documentary”
Should the standard be defined as “documentary” standard.
Randy to review with IEEE Editors.
- o. Line 310 – Italics of subscripts
Conclusion: The variables (e.g. “i” and “j”) so they are italics, the “45” as a constant should not be italics.
- p. Line 342. Added introduction sentence taken from SI10.
- q. Line 372. Added “(oblique stroke or slash /)”.
- r. Line 384. Wordsmithed.

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- s. Line 388 – Table 1
Table is updated based on current version of SI Brochure.
- t. Font sizes
Already fixed.
- u. Line 423 – Conjugate complex quantity
No change made.
- v. Line 440, rms.
Deleted note concerning subscript “f”.
- w. Bolding
Much of bolding (for Vector quantities) had been removed already.
- x. T9.10 “electric displacement”, Per IEC 60027-2005 was noted as Obsolete.
Thus, delete.
Also – deleted in Table 14.
- y. T9.11, 4th Column
 ϵ_v changed to ϵ_0
- z. T9.12, 4th Column
Moved formula from T9.11 to T9.12.
- aa. Left-off with Elizabeth Gentry T9.12 item.

8. Next Meeting (New Doodle poll)

Next meeting – Doodle Poll will be submitted for 4/15 – 4/19/2019 week.
Appears that 4/18 is best day to target.

9. Adjournment

Meeting adjourned at 2:43 PM (EST).

Reported by,
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