

**P280 Working Group
Minutes of 11 July 2019 Web Teleconference Meeting**

1. Call to order

Meeting was called to order by Randy Curey (Chair) at 3:03 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
Gentry, Elizabeth	NIST	Yes
Guest		

2. Determination of Quorum

100% attendance – Quorum met.

- Reminder: With small WG membership, plan would be to execute a “straw poll” of SCC14 for input prior to IEEE-SA Ballot.

3. Approval of Agenda

No objections. Approved by consent.

4. Approval of June 19, 2019 Meeting Minutes

No objections. Approved by consent.

5. Call for Patents

No Patent issues reported.

6. Chair’s remarks

None

7. Continue working on P280 – Review of Draft 11 pending comments

- a. **Continue dispositioning the remaining comments in the draft (with emphasis on those that people may have researched)**
 - i. Line 38 – Keywords: Various keywords added.
 - ii. Line 430 – Conjugate complex quantity: Leaving with just the *.
 - iii. T5.22: Randy Curey to request help concerning the “TBD” items. Believe reference should be provided to T5.28.
 - iv. T5.32: Accepted as in Draft 11.
 - v. T6.16: Accepted as in Draft 11.
 - vi. T6.19: Updated per Peter Balma’s input – TBD’s are 6.11 & 6.14.
 - vii. T6.20: Accepted as in Draft 11.
 - viii. T6.21: Randy Curey to request help concerning the “TBD” items.
 - ix. T7.8: The “...” is changed to “,” as the two symbols are equally usable.
 - o Change from $\lambda \dots k$
 - o Change to k, λ
 - x. T9.14: References will be added. The final comment “The complex absolute permittivity” is added as a new Table item (new item 9.13).
 - xi. T9.15: Accepted as in Draft 11.
 - xii. T9.16: References and symbols are updated.
 - xiii. T9.17: References and symbols are updated.
 - xiv. P9.32: Complex absolute permeability is added as a new Table item (new item 9.31) along with Unit Symbols.

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- xv. P9.33: Updated removing "The complex absolute permeability" remark is removed.
- xvi. P9.36: μ changed to μ_0 . References added.
- xvii. Table 9: TBD references added through-out.
- xviii. T9.54 reluctance: Reversed order from R, R_m to R, R_m
- xix. T9.55 permeance: Reversed order from $P, P_m \dots A$ to P_m, P, A
- xx. T12.2 magnetic constant: Γ_m is deleted. Also deleted in Table 14.
- xxi. T12.3 electric constant: Γ_e is deleted. Also deleted in Table 14.
- xxii. T9.42 reciprocal inductance: Removed on basis that unit was an attempt to create symbol that is noted as never being adopted for use. Also deleted in Table 14.
- xxiii. L35 - Abstract: Abstract is deleted based on units are included in the document.
- xxiv. L225 - last paragraph of Introduction updated.
- xxv. L217 - Updated capitalization of IEC document title.

8. Next Meeting (New Doodle poll)

Next meeting - August 21, 3 - 5 PM EDT.

9. Adjournment

Meeting adjourned at 5:00 EDT.

Reported by,

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