

**SCC14 Quantities, Units, and Letter Symbols
2020 May Report to IEEE-SASB
Doug Edwards, Chair**

1. SCC14 Scope

SCC14 studies questions regarding quantities, units, and systems of measurement; prepares recommendations and standards on these matters in support of the IEEE Policy on metrics; and provides current information on quantities and units to all organizations preparing IEEE standards in support of the IEEE SA Standards Board Implementation Plan for IEEE Policy 9.16. The Committee maintains the American National Standard for Metric Practice, IEEE/ASTMSI-10, and advises all IEEE entities on questions regarding metric practices and the application of the International System of Units (SI).

2. Member roster

a. SCC14 voting member are:

Name	Affiliation	Role
Edwards, Doug	Siemens	Chair
Flowers, Keith	Siemens	Vice-Chair
Shull, Stephen	BBC Electrical Services	Secretary
Balma, Peter	Retired	Voting Member
Curey, Randy	Northrup Grumman	Voting Member
Benham, Elizabeth	NIST	Voting Member
Hoffman, Gary	Advanced Power Technologies	Voting Member
Ressel, Howard	New York State Dept. of Transportation	Voting Member

b. SCC14 Membership

- Doug Edwards was appointed as new Chair – May 23, 2019.
- Three (3) years term of office (per P&P) thus next officer rotation due no later than May 2022.

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3. Document status/activity report

Std	Year	Project Title	PAR Approval Date	PAR Expiration	Std Expiration Date	Project Status
280	1982	IEEE Standard Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering	22 Sept 2016	31 Dec 2020	31 Dec 2018	Forecast completing ballot process prior to PAR expiration date.
1541	2002	IEEE Standard for Prefixes for Binary Multiples	22 Sept 2016	31 Dec 2020	31 Dec 2018	Forecast completing ballot process prior to PAR expiration date.
260.1	2004	IEEE Standard Letter Symbols for Units of Measurement (SI Customary Inch-Pound Units, and Certain Other Units)	22 Sept 2016	31 Dec 2020	31 Dec 2020	Request for PAR extension in process due to change of Chair. Previous Chair lost due to health issues.
260.3	1993	American National Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology	NA	NA	31 Dec 2022	No current action required.
270	2006	IEEE Standard Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System of Units (SI)	NA	NA	31 Dec 2022	No current action required.
SI_10	2016	American National Standard for Metric Practice	NA	NA	31 Dec 2026	No current action required.
260.4	2018	IEEE Standard for Letter Symbols and Abbreviations for Quantities Used in Acoustics	NA	NA	31 Dec 2028	No current action required.
945	2019	IEEE Recommended Practice for Preferred Metric Units for Use in Electrical and Electronics Science and Technology	NA	NA	31 Dec 2029	No current action required.
947	New	Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges	28 Sept 2017	31 Dec 2021	NA	Forecast completing ballot process prior to PAR expiration date.

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4. Recent activities

a. SCC14 Conventions

- No revisions or updates made to SCC14 Conventions.

b. Review/Support of IEEE-SA Editorial Staff

- In 2017 and into 2018, SCC14 engaged with IEEE-SA Editorial to support review of drafts before RevCom to ensure drafts approved by the SASB comport to IEEE Policy 9.16 and the IEEE-SASB Implementation Plan for IEEE Policy 9.16.
- Such pre-reviews by IEEE-SA Editorial Staff appear to be working without issue.
- No change in process.

c. Task Force

- A motion was approved by SCC14 at its 23 May 2019. Meeting to form a task force. Motion to form a task force to look at strategic direction for all SCC14 standards.
- This Task Force is chaired by Randy Curey.
- Review is on-going.

d. SCC14 Working Group P&P

- SCC14 Working Group P&P was Deemed without issue at the IEEE-SA AudCom December 2019 meeting – [IEEE-SA AudCom 2019-12-17 Minutes](#).

e. Repository for SCC14 documents

- IEEE-SA has setup a repository via IMeetCentral to share published SCC14 documents for SCC14 members.

f. Website

- Loss of Webmaster due to health issue.
- Website in process of being migrated to WordPress and IEEE Template.
- All meeting minutes (SCC14 and Working Groups) to be made public – were previously on SCC14 “Private” webpages requiring passwords.

5. Future Meetings

Next meeting is not currently scheduled – target is in Fall 2020.

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6. Budget and Expenses

SCC14 has no funds, no operating expenses, does not collect dues and does not maintain a budget.

Reported by:

Doug Edwards
Siemens
Chair, SCC 14
May 28, 2019