

SCC14 Quantities, Units, and Letter Symbols
2021 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 re-appointed Chair – February 2, 2021.
- 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 Project Number	Project Type	Project Title	Std Expiration Date	Approval PAR Date	PAR Expiration Date	Project Status
260.1	Revision	Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)	31 Dec 2004	22 Sep 2016	31 Dec 2024	Draft Development
260.3	New	American National Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology	31 Dec 2022	NA	NA	Completed
260.4	Revision	Standard Letter Symbols and Abbreviations for Quantities Used in Acoustics	31 Dec 2028	NA	NA	Completed
270	Revision	Standard for Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System (SI)	31 Dec 2022	NA	NA	Completed
280	Revision	Standard Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering	NA	22 Sep 2016	31 Dec 2021	RevCom Agenda(15 Jun 2021)
945	Revision	Recommended Practice for Preferred Metric Units for Use in Electrical and Electronics Science and Technology	31 Dec 2029	NA	NA	Completed
947	New	Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges	NA	28 Sep 2017	31 Dec 2021	Will allow to expire
1541	Revision	Standard for Prefixes for Binary Multiples	NA	22 Sep 2016	31 Dec 2021	SA Ballot: Comment Resolution
SI_10	Revision	American National Standard for Metric Practice	31 Dec 2026	NA	NA	Completed

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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. 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](#).

d. Repository for SCC14 documents

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

e. Website

- [SCC14 Website](#) migrated to IEEE supported WordPress and IEEE Template.
- All meeting minutes (SCC14 Main Committee, Working Groups, and Annual Reports) made public. Previously, minutes were only available on SCC14 "Private" webpages requiring passwords.

f. SCC14 Marketing - IEEE Blog Article

- An IEEE Blog Article promoting SCC14 activities has been created and approved. Article should be published in near future.

5. Future Meetings

SCC14 Fall 2021 is not yet scheduled.

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 30, 2021