

SCC14
Quantities, Units and Letter Symbols Committee
Agenda
14 May 2018 at 11:00 AM EST
WebEx Teleconference Meeting

1. Call to order

Roll Call of Voting Members

Introductions (Please give your affiliation)

Attendance:

Present-

Members:

- 1. Gary Hoffman (GH)**
- 2. Peter Balma (PB): Retired**
- 3. Keith Flowers (KF): Siemens**
- 4. Yeou Song Lee (YL):**
Anritsu
- 5. James Frysinger (JF):**
- 6. Doug Edwards (DE):**
Siemens
- 7. Howard Ressel (HR): Self**
- 8. Michael Heinsdorf (MH)**
- 9. Ron Peterson (RP): Retired**
- 10. Christopher Struck (CS):**
Joined at 11:51 AM EST

IEEE SA Staff:

- Erin Spiewak (for Michael Kipness) (ES)**

Observer:

- **Lisa Karam (LK)**

Absent-

- **Angelo Campanella**
- **Bruce Barrow**
- **Randy Groves**
- **Clair Claiborne**
- **Elizabeth Gentry**

2. Determination of Quorum

14 Voting Members; 6 Non-Voting Members

9 members attended: We have a quorum.

3. Approval of Agenda

Motion: PB

Second: JF

Approval: Unanimous, approved

4. Approval of November 2017 SCC14 Meeting Minutes

Motion: JF

Second: HR

Approval: Any discussion? No; Any objection? No.; Minutes is approved.

5. Call for Patents

GH presented the IEEE patent policy with slides. Available at the PATCOM website

Asked attendees to review. No issues.

6. Chair's remarks

We had a good year. SCC14 is a type 2 committee. Chair was appointed by the IEEE SA Standards Board Chair. SCC14 are the subject matter experts for all thing metrics within the IEEE. 2017 SCC14 has the following accomplishments: new PAR P947;

completed SCC14 conventions and posted on Revcom website. 2018 goals: to complete four open projects P1541, P260.4, P280, P945; continue work on P260.1 (JF) and P947 (YL)

7. Subcommittee reports

7.1. SCC14.1:

7.1.1. WG SI 10 American National Standard for Metric Practice, Frysinger

JF: to form a WG in a few years for the new SI units. DE: 945 seems to be applicable to move to SI10. Rolling 945 to SI 10. Will be discussed at SI 10. JF: keep me posted. Will update you SI 10 WG progress

7.2. SCC14.2:

7.2.1. WG 270-2006 IEEE Standard Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System of Units (SI), Hoffman

Standard active until 31 December 2022

GH: OK to 2020.

7.3. SCC14.3:

7.3.1. WG P260.1 IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units), Frysinger

PAR for revision approved until 2020

JF: With P1541 in the approval pipeline this project has been delayed. Good responses from WG thus far. One or two more drafts. Final draft by summer.

7.3.2. WG P1541-2002 IEEE Standard for Prefixes for Binary Multiples, Frysinger

PAR for revision approved until 2020, Standard active until 31 December 2018

JF: Submitted for approval. Invitation was out for ballot. About 90 responses so far.

7.4. SCC14.4:

7.4.1. WG P280-1985 IEEE Standard Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering, Petersen

PAR for revision approved until 2020, Standard active until 31 December 2018

RP: Three versions from the IEEE. Now is fixed. Sponsor ballot motioned.

Motioned submitting to SCC14 to move P280 for sponsor ballot. Second: PB; DE: no motion needed. It's at P280 WG chair discretion to send it to SCC14 for review. GH: Need

SCC14 approval to go to sponsor ballot per P&P.; DE: this is an expedite motion.
Contingent on collections of additional information from the SCC14; JF: Need a copy sent.
RP: motion approved, copy be sent. GH: PB-Y, DE-Y, KF-Y, JF-Y, MH-Y, YL-Y, RP-Y,
HR-Y, (**Unanimous**), Copy to be sent to SCC14. Question from the Floor: Did WG look at
ISO 80003 compatibility? RP: Yes.

**Approved Motion: Move that SCC14 agree to review P280, provide comments and,
following comment resolution, agree to move the draft forward for sponsor ballot and
mandatory editorial review**

7.5. SCC14.5:

7.5.1. WG P260.4 American National Standard Letter Symbols and Abbreviations for Quantities Used in Acoustics, Hoffman PAR for revision approved until 2020, Standard active until 31 December 2018

GH: out for ballot, 22 comments; Good progress. Try to put on Agenda of REVCOM Sept. meeting

7.6. SCC14.6:

7.6.1. WG 260.3-1993 American National Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology, Hoffman Standard active until 31 December 2022

GH: New business section for discussion

7.7. WG P945 Recommended Practice for Preferred Metric Units for Use in Electrical and Electronics Science and Technology, Edwards

PAR expires 31 December 2017, Standard active until 31 December 2018

DE: Meeting two months ago. Aim for no later than Oct out for ballot and maybe for Revcom agenda

7.8. WG P947 IEEE Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges, Lee

YL: First CFP on May 4, 2018. Forming WG with vice chair and secretary. Roadmap will be presented in six months.

8. Old Business

8.1. SCC14 Conventions Hoffman/Balma

GH: Metric convention for editorial reference. Working with SA staff to get familiarized with the metric conventions. Great accomplishments by PB's group. PB: It's posted now. E-mail address added to ask for help. Is it listed? How will we handle this? Prepare a slide deck available to share. JF: recommended contact Luigi, GH: Recommended Michelle Turner for visibility of this convention. It's an editorial issue. Ownership of this is required.

Motion: e-mail to empower SCC14 for review. GH: Enable SCC14 chair to approach Staff to be notified with SI metric convention support; DE: Second, HR: how logistically this arrangement done? GH: Editorial is the gate keeper. To publish e-mail for contact; DE: Editor is tasked to flag and contact SCC14 for support. JF/GH/DE: MEC is part of Editorial. GH asked Erin for comments: Erin-No objection, Could invite Michelle or Kim to attend next SCC14 meeting.

Approved Motion: Enable SCC14 Chair to approach Staff to be notified with the SI metric convention support.

8.2. SCC14 Website Report, Frysinger

JF: nothing to update, working on GDPR requirements.

9. New Business

9.1. New PAR's for Consideration, Hoffman

9.1.1. Consideration for seeking a PAR for the revision of American National Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology, IEEE Std 260-3-1993

GH: a lot of repetitive info. Should these (260.3 and 270.6) be combined into one standard?

JF: Motioned forming PAR and 260.3 WG; PB: resemblance with 280; GH: Propose a study group for 260.3; DE: support this idea. Most not overlapped with SI 10. GH: Is to study 260.3, 270.6 and other ancillary SCC14 standards to determine which standards should remain standalone and which should be combined, and which should be withdrawn or let expire. HR: second, JF: volunteer to lead, GH: motion approved, JF: send e-mail to JF to join this WG.

Approved Motion: JF- To study 260.3 and 270.6 and other ancillary SCC14 standards to determine which standards should remain standalone, and which should be combined, and which should be withdrawn or let expire. Task Force led by JF is approved.

9.1.2. Consideration for seeking a PAR for the revision of IEEE Standard Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System of Units (SI), IEEE Std 270.6-2006

Is this similar to SI 10. See 9.1.1

9.2. New patent slides for SCC14 WG Meetings, Hoffman

GH: Give hyperlink to JF for SCC14 website.

9.3. Review and revise the SCC14 Sponsor P&P, Hoffman

GH: five year cycle; due to expire in 2020; to circulate SCC14 membership for comments. To circulate the type 2 baseline for review.

No objection.

Motion: SCC14 members are to review the current SCC14 sponsor P&P and revise them as a group effort. All SCC 14 Members are requested to participate (PB); JF second; GH: approved; GH to send out P&P and baseline in a week.

Approved Motion: SCC14 Members are to review the current SCC14 Sponsor P&P and revise them as a group effort. All SCC14 Members are requested to

participate.

9.4. General Data Protection Requirement (GDPR) initiative, Erin Spiewak

Coming out of EU. We need to comply to avoid fine. Should receive an e-mail from IEEE. If not, please check your spam mail folder. Webinar is held. Encourage WG chairs and members to sign up. Blank roster should be used. Everyone has opportunities to opt in. If no consensus from individual, IEEE won't be able to communicate with you. Please sign up the Webinars to get more details. Erin will send out info for Webinar to GH and YL. JF: should roster in public be removed? ES: should bring down first. Need to complete this by May 25. JF: mailing list; ES to find answer and e-mail GH.

10. Next SCC14 Meeting November 2, 2018 11:00 AM EST

Let GH know if this is a conflict or no good. 60 days to doodle poll for attendance. Could be a veteran day for some states. Consider first week of November. Nov. 2 is better. Calendar invite sent as well

11. Adjournment

Adjourned 12:50 PM EST

Summary of Motions:

1. Move that SCC14 agree to review P280, provide comments and, following comment resolution, agree to move the draft forward for sponsor ballot and mandatory editorial review.
2. To study 260.3 and 270.6 and other ancillary SCC14 Standards to determine which standards should remain standalone, and which should be combined, and which should be withdrawn or let expire.
3. SCC14 Members are to review the current SCC14 Sponsor P&P and revise them as a group effort. All SCC14 Members are requested to participate.