



Accredited Standards Committee C63[®]
Electromagnetic Compatibility
Subcommittee 3 - International Standardization
Approved Meeting Minutes

Chair: Poul Andersen
Vice Chair: Werner Schaefer
Rotating Secretary: Chris Dilay
May 5, 2015 2:00PM

1. **Call to Order: Chair**
 - 1.1 **Opening remarks and Announcements: Chair**
 - 1.2 **Meeting logistics announcements: Host**
 - 1.3 **Introductions: Secretary**

Meeting attendees: Poul Andersen, Chris Dilay, Mike Duncanson, Dan Hoolihan, Tom Wojtaszek, Jerry Ramie, Don Heirman, Randy Long, Steve Whitesell, Brad Moore, Beth Hackett

2. **Approval of the Agenda: Secretary**

Don Heirman motioned for approval and Dan Hoolihan seconded. Approved by SC3.
3. **Presentation of patent slides: Secretary**

Reviewed by Chair with no additional discussion.
4. **Approval of minutes of previous meeting: Secretary**

Dan Hoolihan motioned for approval and Randy Long seconded. Approved by SC3.
5. **Review of Subcommittee Membership: Chair**
 - 5.1 **To Note: membership requirements adopted by Main Committee April, 2014 included in our SC3 public main page**

Reviewed recent changes to membership requirements for subcommittees and working groups. Changes needed for public SC3 site to include membership criteria information. Changes to be provided to Jerry Ramie for incorporation.
 - 5.2 **Review of subcommittee membership – members at risk**

SC3 membership list reviewed on public C63 site SC3 membership roster. Changes required to replace Marcus Shellman with Chris Dilay as SC2 Chair. Necessary changes to be sent to Jerry Ramie for incorporation. Noted by Don Heirman that some listed SC3 members may be unaware of their membership.
 - 5.3 **Consideration of new members**

No new membership applications received for consideration.
 - 5.4 **Selection of Secretary for Fall 2015 meeting – SC 5 Chair**

Secretary duties acknowledged by SC5 Chair, Steve Whitesell.
 - 5.5 **Review of Scope**

SC3 Scope presented unchanged and was approved by subcommittee. Duties reviewed on public SC3 website labeled as “General Tasks”. “General Tasks” label to be changed to “Duties”. C63.12 standard being developed by SC3 to be added as an additional duty in list as item 6. Noted that new PINS are being initiated by other SCs for consideration of the Fall 2015 meeting.

[In looking at the SC3 web page after the meeting, it was apparent that the heading “Main activities” was more appropriate to change to “Duties” with the responsibility for C63.12 added as a new third paragraph. The Chair elected to make that change in direction.]

6. Analysis Review and/or Establish Time Frame for Completion

C63 [®] Document	SC	Subject	International Document	Review Leader/WG Chair
C63.4	SC1	Measurements	16.2.X, CISPR 32	Heirman
C63.5	SC1	Antenna Calibration	16.1.6	DeLisi
C63.9	SC5	Office Equipment Immunity		Griffin
C63.15	SC5	Immunity	61000-4-X, CISPR 35, 16.1.6	Changed to Heirman
C63.16	SC5	ESD	61000-4-2	Whitesell
C63.19	SC8	Measurement Hearing Aid Compatibility	IEC60118-13	Berger
C63.24	SC5	Generic On-Site Meas.	*	Berger
C63.25	SC1	Test Site Validation Antenna calibration site	16.1.4 16.1.5	Sigouin
C63.26	SC1	Licensed Transmitters		Wall
C63.27	SC7	Co-existence	IEC 62657-2	Berger
C63.28	SC2	Best Practices		Dilay

*Emission equivalent is IEEE 473

Table reviewed with no additions. Heading Review Leader changed to WG Chair; Leader for C63.15 changed to D.Heirman.

Status of the above documents relative to international harmonization:

C63.4- Discuss after publication: Heirman

No status change.

C63.5- Discuss after publication: DeLisi

No status change.

C63.9- Discuss after publication: Griffin

No status change.

C63.15- Recommendation on action: Heirman

Heirman provided update on current status of standard. Meeting occurred past Monday. Named task leaders during meeting and currently soliciting expertise support for references including MIL-STD 461. Planning webinar at the end of August to discuss soliciting support status and other items such as reverb chambers. Efforts are to clean up 2010 revision of C63.15 with draft expected by early 2016. No action by SC3 until after publication of new revision C63.15.

C63.16- Discuss after publication: Whitesell

Whitesell provided status update. C63.16 ready to be put into ballot. Not expected to be published by Fall 2015 C63 meeting. Status unchanged.

C63.19- Report on industry discussion: Berger

Hoolihan provided update with Berger absence and commented document is currently stable with no activity at this time. Item to remain open for input from Mr. Berger.

[Subsequent to the SC3 meeting, Steve Berger indicated that there exists satisfactory communication between the C63 development activity and the Chair of the International Committee. He does not anticipate that there is a need for SC3 involvement to foster communication of US concepts on the subject. Until there is a defined need, the item will be removed from the agenda.]

C63.24- Discuss after publication: Berger

No status change.

C63.25- Discuss after publication: Sigouin

No status change.

C63.26– Discuss after publication: Wall

No status change.

C63.27- Discuss after publication: Berger

No status change.

C63.28- Discuss after publication: Dilay

No status change.

7. Additional ASC C63[®] membership standards that need SC3 analysis for possible contributions to International Standards activity and vice versa: Chair

Opened up for discussion and Don Heirman noted he is aware of some potential IEEE docs that could fall into this category for discussion. He will contact responsible persons to see if there is interest to discuss in SC3..

8. Old Business and discussions

8.1 Issues from IEC (including CISPR), ISO and other international standards activity potentially affecting US standards development: Chair

Don Heirman noted hot topics including wireless power transfer, interference from LED lighting, measurement limits for smart grid technology 9 kHz – 150 kHz. PINS to be presented this week on some of these topics in C63 Main Committee meeting.

8.2 Report from WG1 on C63.12: Andersen

Standard recently balloted. Ballot group included 16 members. There were no negative votes, one no return, 4 abstentions, 11 positive votes with 5 positives with comments all of which have been successfully reviewed. Many accepted or accepted with modification, and 2 items that were not incorporated due to unclear comments. Needs to be re-circulated with clean copy and redline copy by Pat Roder to the balloting group for informational purpose. Next step is IEEE editor review.

8.3 Smart Grid Proposals

Don Heirman noted Smart City proposals related to Smart Grid. US has Smart Grid interoperability panel that includes EMI working group working on a test plan for implementing IEEE STD 1613.1. Potential application of C63.15 and C63.9. Lots of Smart Grid activity nationally and internationally. To remain on agenda and Don Heirman to provide a report during next SC3 meeting.

9. New Business: Chair

No new business.

10. Review of the action items from previous meetings: Secretary

10.1. None open

11. Time and place of next meeting: Chair

Noted that next round of meetings to be held at UL in Research Triangle Park, North Carolina the week of 9-12 November. Date and venue to be finalized in the main committee meeting.

12. Closing remarks and Adjournment: Chair

Meeting adjourned with no additional remarks.