Accredited Standards Committee C63®

Electromagnetic Compatibility

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Secretariat: Institute of Electrical and Electronic Engineers, Inc.

C63® SC8 - Medical Device EMC Test Methods
MINUTES of the November 8, 2017 meeting
ETS-Lindgren, 1301 Arrow Point Drive, Cedar Park, Texas 78613
Chairman: Stephen Berger, stephen.berger@ieee.org
Vice-Chair: Steve Whitesell, swhitesell@ieee.org
Secretary: Dave Zimmerman, dzimmerman@spectrumemc.com

Attendance:

Member's Name	Member's Role on SC8	Present	Absent
Andersen, Poul	Member		X
Berger, Stephen	Chair	X	
Case, David	Member	Web	
DeLisi, Bob	Member	X	
Griffin, Andy	Member		X
Hare, Ed	Member		X
Heirman, Don	Member	X	
Hoolihan, Dan	Member	X	
Kuczynski, Victor	Member		X
Liu, Steve	Member	X	
Moongilan, Dheena	Member	X	
Silberberg, Jeffrey L	Member	Web	
Whitesell, Steve	Vice-Chair	Web	
Zimmerman, Dave	Secretary	X	
Names	**Observers only below this line.**		
Jerry Ramie	Observer	X	
Nate Potts	Observer	X	
Vladimir Bazhanov	Observer	X	
John Becker	Observer	X	
Allen Crumm	Observer	X	
Jason Nixon	Observer	X	
Janet O'Neil	Observer	X	
Vignesh Rajamani	Observer	X	
Jason Coder	Observer	X	
Dan Sigouin	Observer	X	
Mac Elliot	Observer	X	
Deanna Zakharia	Observer	X	
Jeff Moser	Observer	X	
Mike Antola	Observer	X	
Randy Long	Observer	X	
Jonas Friden	Observer	X	
Ross Carlton	Observer	X	
Johnathan King	Observer	X	
Steve Julestrom	Observer	X	
Aurelian Bria	Observer	X	
Rick Lombardi	Observer	X	
Henry Benitez	Observer	X	

1. **Call to Order:** Chair, Stephen Berger called the meeting to order at 10:05 am CST.
   1.1 **Opening remarks and announcements:** Chair, Stephen Berger, welcomed those in attendance and set up the web meeting.
   1.2 **Introductions:** Chair, Stephen Berger, asked for introductions. Everyone around the table introduced themselves and their affiliation. Secretary, David Zimmerman sent a sign-in sheet around the room.
2. **Approval of the Agenda:** Chair, Stephen Berger reviewed the agenda and added a line item for "Joint AAMI EMBS project". A motion was made by Dan Hoolihan and second by Bob DeLisi to approve the agenda as modified. A vote was taken and the motion passed.
3. **Presentation of patent slides:** Secretary, David Zimmerman, showed the slides regarding IEEE patent policy. Chair, Stephen Berger went over the content of the slides and an opportunity was given to the subcommittee members to identify/disclose patents.
4. **Approval of minutes of previous meeting:** The minutes were reviewed. David Case made a motion to approve the minutes as amended, Jerry Ramie seconded the motion. The minutes were approved by consent hearing no objection.
5. **Meeting attendance & Membership:** Membership was left unmodified. David Zimmerman took an action item to send an e-mail to the members at risk shown in the table at the end of this document.
6. **Working Group reports:**
   6.1 **C63.18:** Currently suspended.
   6.2 **C63.19:** Steve Berger gave a verbal report regarding a good meeting that was held on C63.19. More information about each standard is available on the Standards Status section of the C63® web page. Steve Julstrom and John Becker gave some details regarding some specific work being done on the standard. Steve Whitesell gave a verbal report on his work with a TIA standard, which is similar to C63.19. Steve Julstrom made a motion to send C63.19 to the main committee for ballot. Chair, Stephen Berger tabled the motion.
7. **Old Business:** There was no old business discussed.
8. **New Business:** Chair, Stephen Berger, asked if there was any new business. There was none beyond the reports shown here.
   8.1 **AAMI Report:** In Jeff Silberberg gave a brief AAMI report with some comments by Stephen Berger.
   8.2 **FDA EMC Activities Report:** Jeff Silberberg gave a report that can be found at: http://www.c63.org/pw/sc_8.
   8.3 **IEC SC62A MT23 Liaison Report:** Jeff Silberberg gave a report that can be found at: http://www.c63.org/pw/sc_8.
   8.4 **Joint AAMI EMBS project:** Stephen Berger discussed some work on a joint AAMI EMBS project and asked if there was any interest in this project. There was no response when Stephen Berger asked if there was any interest in this project within SC8.
9. **Use of Website:** Chair, Stephen Berger asked the working group how many used the website and nobody indicated that they used it. Chair, Stephen Berger concluded that the website is not currently a useful tool being used by the subcommittee. There were no objections voiced to that conclusion.
10. **More New Business:** Dan Hoolihan made a motion to take off the table to send C63.19 to the main committee for ballot and seconded by Bob DeLisi. The motion passed. The motion was then amended by John Becker and seconded by Dan Hoolihan to read:

    A motion to request a waiver of paragraph 7.2.2 of the ASC 63® procedures and to recommend to the main committee to move the draft standard C63.19 directly to the balloting process.

The motion passed by unanimous vote.

11. Action Items: The open action items from the previous meeting are shown below.

Action Item #	Subject	Responsible Person	Status	Deliverable Date	Comments
AI-1:	Send updates to the website to Jerry Ramie with the most current membership and make necessary corrections to member information.	David Zimmerman	Closed	1 June 2017	
AI-2:	Send e-mail to at risk members, Poul Andersen, Andy Griffin, Ed Hare, and Steve Liu.	David Zimmerman	Closed	1 June 2017	
AI-3:	Write an article for the newsletter reaching out for new SC8 members, especially those with expertise in implantable medical devices.	David Zimmerman	Removed	1 Nov 2017	

New and existing action items are listed below.

Action Item #	Subject	Responsible Person	Status	Deliverable Date	Comments
AI-1:	Review and send updates on the website to Jerry Ramie with the most current information.	David Zimmerman	Open	1 January 2018	
AI-2:	Send e-mail to at risk members, Poul Andersen, Andy Griffin, and Ed Hare.	David Zimmerman	Open	1 December 2017	
AI-3:	Put Stephen Berger in touch with Curt Sponberg.	Jeff Silberberg	Open	1 January 2018	
AI-4:	Update the reflectors for SC8 and C63.19 on the website.	Stephen Berger	Open	1 January 2018	

12. Time and place of next meeting: The proposed date of the next SC8 meeting is during the dates of April 30 to May 4, 2018 prior to the main committee meeting. The next meeting will be held at IEEE headquarters in Piscataway, NJ.

13. Closing remarks and Adjournment: Chair, Stephen Berger adjourned the meeting at 11:56 am CST.

Current SC8 Membership

Name	Role within Subcommittee 8	Affiliation / Financial Support
Andersen, Poul	**Member**	**Poul Andersen Consulting / SAE**
Berger, Stephen	**Chair**	**TEM Consulting**
Case, David	**Member**	**CISCO**
DeLisi, Bob	**Member**	**UL, LLC**
Griffin, Andy	**Member**	**CISCO Systems**
Hare, Ed	**Member**	**ARRL**
Heirman, Don	**Member**	**Don HEIRMAN Consultants**
Hoolihan, Dan	**Member**	**Hoolihan EMC Consulting**
Kuczynski, Victor	**Member**	**Vican Electronics**
Liu, Steve	**Member**	**PCTEST Engineering Laboratory, Inc.**
Moongilan, Dheena	**Member**	**Nokia**
Silberberg, Jeffrey L	**Member**	**FDA Center for Devices & Radiological Health**
Whitesell, Steve	**Vice Chair**	**Whitesell Consulting, LLC**
Zimmerman, Dave	**Secretary**	**Spectrum EMC, LLC**

The members highlighted in red have been removed from the membership roster.
The members highlighted in yellow are at risk.