

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 May 6, 2015 meeting

Embassy Suites Hotel in Brooklyn Center, MN

Chairman: Bob DeLisi, Bob.DeLisi@us.ul.com

Vice-Chair: Stephen Berger, stephen.berger@ieee.org

Secretary: Dave Zimmerman, dzimmerman@spectrumemc.com

Attendance:

Member's Name	Member's Role on SC8	Present	Absent	Observer
Andersen, Poul	Member	X		
Attayi, Daoud	Member		X	
Berger, Stephen	Vice-Chair	X		
Case, David	Member	Web		
Coston, Steve	Member		X	
DeLisi, Bob	Chair	X		
Griffin, Andy	Member		X	
Hare, Ed	Member		X	
Hazem, Refai	Member		X	
Heirman, Don	Member	X		
Hofmann, HR (Bob)	Member		X	
Hoolihan, Dan	Member	X		
Hurst, Bill	Member	Web		
Knipple, Tom	Member	Web		
Kuczynski, Victor	Member	X		
Liu, Steve	Member	Web		
Moongilan, Dheena	Member	X		
Silberberg, Jeffrey L	Member	X		
Stumpf, Bill	Member		X	
Whitesell, Steve	Member	X		
Witters, Don	Member		X	
Zimmerman, Dave	Secretary	X		
Last, First Names	Observers only below this line.			
Wojtaszek, Tom	Observer	X		X
Hodes, Harry	Observer	X		X
Ghizzone, Dean	Observer	X		X
Ramie, Jerry	Observer	X		X
Kiemel, Greg	Observer	X		X
Megan McConnell	Observer	X		X
Dilay, Chris	Observer	X		X
Jones, Steve	Observer	X		X
Schaefer, David	Observer	X		X
Schaefer, Werner	Observer	X		X
Hackett, Beth	Observer	X		X
Pettit, Ghery	Observer	X		X

1. **Call to Order:** Chair, Bob DeLisi called the meeting to order at 10:13 am CDT.
 - 1.1 **Opening remarks and announcements:** Chair, Bob DeLisi, thanked Northwest EMC for providing refreshments during the meetings.
 - 1.2 **Meeting logistics announcements:** There were no announcements.
 - 1.3 **Introductions:** Secretary, David Zimmerman, asked for introductions. Everyone around the table introduced themselves and their affiliation. A sign-in sheet was also passed around the room.
2. **Approval of the Agenda:** Chair, Bob DeLisi reviewed the agenda, Don Heirman made a motion to approve the agenda, Jeff Silberberg seconded the motion, a vote was taken, and the motion was approved by majority vote.
3. **Presentation of [patent slides](#):** Chair, Bob DeLisi, showed the slides regarding IEEE patent policy (“slides #1 through #4”). Vice-Chair, Stephen Berger went over the content of the slides and an opportunity was given to the subcommittee members to identify/disclose patents.
4. **Presentation of [meeting attendance fee slides](#):** The fee slides were not shown, and they will be removed from the agenda template for SC8.
5. **Approval of minutes of previous meeting:** Jeff Silberberg proposed changes to the draft minutes, and the minutes were reviewed. A motion was made by Don Heirman to approve the minutes, Jeff Silberberg seconded the motion, and a vote was taken on the amended minutes and approved by majority vote.
6. **Membership:** Jeff Silberberg made a motion, which was seconded by Don Heirman to approve the current membership with Bob Hoffman removed. A vote was taken on the amended membership roster and approved by majority vote.
7. **Subcommittee 8 Scope Approval:** Dan Hoolihan made a motion, which was seconded by Don Heirman to approve the current scope. The motion was approved by majority vote.
8. **Working groups:** [More information about each standard](#) is available on the Standards Status section of the [C63® web page](#). The link for standards developed by SC8 needs to go to a page with only the SC8 standards. Action item given to Bob DeLisi to work with Jerry Ramie to do this.
 - 8.1 **C63.19:** Steve Berger gave a verbal report on some of the problems experienced by hearing aid wearers that use cell phones. Steve Berger opened a PINS-C during the meeting to review the current state of C63.19. Jeff Silberberg made a motion, which was seconded by Don Heirman to approve the PINS-C. The motion was approved by majority vote.
9. **Other Old Business:** No old business was discussed.
10. **New Business:** Chair, Bob DeLisi, announced that he will be stepping down as chair at the end of 2015 and he will discuss with the Vice Chair and others about suggestions for incoming leadership. Jeff Silberberg thanked Bob DeLisi for his work as chair.
 - 10.1 **AAMI report:** Don Heirman gave a verbal report. The AAMI Annual Report is coming out soon. Don Heirman took an action item to look at the increased ESD threat that could result from the reduction of the minimum required relative humidity in operating rooms.
 - 10.2 **FDA EMC Activities Report:** Jeff Silberberg gave a report, which will be posted at the SC8 web page.
 - 10.3 **IEC SC62A MT23 Liaison Report:** Jeff Silberberg gave a report, which will be posted at the SC8 web page.
 - 10.4 **Website use and updates:** Secretary, David Zimmerman, will send requested SC8 web updates to Jerry Ramie, and he will make the necessary updates to the SC8 website.
11. **Action Items:** The open action items from the previous meeting were closed. David Zimmerman has an action item to send changes to the website to Jerry Ramie.
12. **Time and place of next meeting:** The proposed date of the next SC8 meeting is 11 November 2015. The next meeting will be held at the UL facility at 12 Laboratory Drive, Research Triangle Park, NC.
13. **Closing remarks and Adjournment:** Chair, Bob DeLisi adjourned the meeting at 12:17 pm CDT.

Current SC8 Membership

Name	Subcommittee 8 Role	Affiliation
Andersen, Poul	Member	Poul Andersen Consulting
Attayi, Daoud	Member	Research In Motion
Berger, Stephen	Vice-Chair	TEM Consulting
Case, David	Member	CISCO
Coston, Steve	Member	PCTEST Engineering Laboratory, Inc.
DeLisi, Bob	Chair	Underwriters Laboratory
Griffin, Andy	Member	CISCO Systems
Hare, Ed	Member	ARRL
Hazem, Refai	Member	University of Oklahoma
Heirman, Don	Member	Don HEIRMAN Consultants
Hoolihan, Dan	Member	Hoolihan EMC Consulting
Hurst, Bill	Member	FCC
Knipple, Tom	Member	Motorola
Kuczynski, Victor	Member	Vican Electronics
Liu, Steve	Member	PCTEST Engineering Laboratory, Inc.
Moongilan, Dheena	Member	Alcatel-Lucent
Silberberg, Jeffrey L	Member	FDA Center for Devices & Radiological Health
Stumpf, Bill	Member	DLS Electronics
Whitesell, Steve	Member	Whitesell Consulting / TIA
Witters, Don	Member	FDA Center for Devices & Radiological Health
Zimmerman, Dave	Secretary	Spectrum EMC Consulting, LLC

Action Items:

Action Item #	Subject	Responsible Person	Status	Deliverable Date	Comments
AI-1:	Bob DeLisi, took an action item to remind the current membership to update their contact information.	Bob DeLisi	Closed	04/08/2015	Done in an e-mail dated 8 Apr 2015.
AI-2:	Don Heirman took an action item to check on the listing to see if an AAMI reference should be included in the title for IEC 62A/60601-1-02/Ed.4 at the AAMI website.	Don Heirman	Closed	Next Meeting	AAMI reference to be included in the title for IEC 62A/60601-1-02/Ed. 4 at AAMI website. The link that you have is for AAMI Committee Central. This is the site where we have all of our projects listed. If you search for 60601-1-02, you will get two items – ANSI/AAMI/IEC 60601-1-02/Ed. 3 and IEC 62A/60601-1-02/Ed. 4. These two standards are identical. The reason they are listed separately is that one is the U.S. adoption and the other is the IEC standard. The reason that the edition number is different is because AAMI started adopting this standard with the 2nd edition of the IEC standard. Therefore, there is no reason for the IEC 62A/60601-1-02/Ed. 4 to have the AAMI reference added to the title.
AI-3:	Don Heirman took an action item to look at including a risk analysis activity in SC8.	Don Heirman	Closed	Next Meeting	There is a request to go as low as 20 % RH in the OR. This is lowering the RH from 30 %. It is recognized that this will impact ESD. We should keep watch on how this develops as we may want to suggest ESD testing to higher levels for the lower RH.
AI-4:	Send updates to the website to Jerry Ramie with the most current membership and make necessary corrections to member information.	David Zimmerman	Closed	11-30-2014	Done.
AI-5:	Action item given to Bob DeLisi to work with Jerry Ramie to update the link for standards developed by SC8. The link needs to go to a page with only the SC8 standards.	Bob DeLisi	Open	Next Meeting	
AI-6:	Bob DeLisi, announced that he will be stepping down as chair at the end of 2015 and he will discuss with the Vice Chair and others about suggestions for incoming leadership.	Bob DeLisi	Open	Next Meeting	
AI-7:	Don Heirman took an action item to look the increased ESD threat with the reduction of relative humidity in operating rooms.	Don Heirman	Open	Next Meeting	
AI-8:	Send updates to the website to Jerry Ramie with the most current membership and make necessary corrections to member information.	David Zimmerman	Open	5-7-2015	