## **Accredited Standards Committee C63®** Electromagnetic Compatibility Accredited by the American National Standards Institute, Inc. Secretariat: Institute of Electrical and Electronic Engineers, Inc.

## C63® SC8 - Medical Device EMC Test Methods MINUTES of the October 5, 2011 meeting Thompson Park - Lincroft, NJ

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

Vice-Chair: Stephen Berger, stephen.berger@ieee.org Secretary: Dave Zimmerman, dzimmerman@spectrumemc.com

Member's Name	Member's Role on SC8	Present	Absent	Guest
Attayi, Daoud	Member		X	
Berger, Stephen	Member	X		
Bowen, Don	Member		X	
Case, David	Member		X	
Chapman, David	Member		X	
Coston, Steve	Member		X	
DeLisi, Bob	Chair		X	
Dzumba, David	Member		X	
Green, Kendra	Member		X	
Hare, Ed	SC8 Web Content Manager	X		
Heirman, Don	Member	X		
Hofmann, HR (Bob)	Member		X	
Hoolihan, Dan	Member	X		
Hurst, Bill	Member		X	
Julstrom, Steve	Member		X	
Knipple, Tom	Member		X	
Kozma-Spytek, Linda	Member		X	
Kuczynski, Victor	Member	X		
<u>Liu, Steve</u>	Member		X	
Moongilan, Dheena	Member	X		
Refai Hazem	Member		X	
Showers, Ralph	Member	X	X	
Silberberg, Jeffrey L	Member	X		
Stumpf, Bill	Member	X		
Turner, Jim	Member		X	
<u>Victorian, Tom</u>	Member		X	
<u>Violette, Mike</u>	Member		X	
Whitesell, Steve	Member	X		
Witters, Don	Member		X	
Zimmerman, Dave	Secretary	X		
Last and First Name	Guests below this line.			
Attayi, Masud	Observer			X
Griffin, Andy	Observer			X
Hodes, Harry	Observer			X
Keebler, Philip	Observer			X
Long, Randy	Observer			X
Moser, Jeff	Observer			X

- 1. Call to Order: Vice Chair, Steve Berger, called the meeting to order at 2:56 pm EDT, and the sign in sheet was sent around the room.
- **2. Introductions:** Vice Chair, Steve Berger, asked for introductions. Everyone around the table announced themselves and their affiliation.
- **3. Approval of the Agenda:** Vice Chair, Steve Berger reviewed the agenda, a motion to approve the agenda, the motion was seconded, and the agenda was approved.
- **4. Presentation of patent slides:** Secretary, David Zimmerman, showed the slides regarding IEEE patent policy ("slide #1 and #2"). Vice Chair, Steve Berger went over the content of the slides and an opportunity was given to the subcommittee members to identify/disclose patents.
- **5. Fees:** Secretary, David Zimmerman discussed the payment of fees.
- **6. Approval of minutes of previous meeting:** Some minor punctuation and capitalization changes were made to the previous meeting minutes. A motion was made and seconded to approve the minutes of the previous meeting as amended by Jeff Silberberg a vote was taken, and the motion passed.
- 7. Working groups: C63.18 has a chair (Jeff Silberberg), and C63.19 also has a chair (Steve Berger).
- **8. Scope of SC8:** A motion was made to accept the current scope on the web site, and seconded. The scope is as currently found on the web site.
- 9. Working groups: More information about each standard is available on the Standards Status section of the C63® web page.
  - **9.1 C63.18:** Jeff Silberberg gave a brief report and presentation. Presentation attached.
  - **9.2 C63.19:** Stephen Berger gave a brief update on the status of C63.19. The document went to ballot and is complete.

**Other Old Business:** Don Heirman suggested that workshops are needed for both C63.18 and C63.19 to be presented during other EMC related events throughout the year. Principals are needed for these workshops.

- 10. New Business: Vice Chair, Steve Berger,
  - **10.1 Scope Approval:** The scope was approved at the previous meeting. Jeff Silberberg made a motion that a comma (underlined below) be added to the scope, but the motion did not receive a second and the motion failed. "Subcommittee 8 is responsible for writing and maintaining existing and proposed C63<sup>®</sup> standards for medical devices, as assigned by the Main Committee ASC 63<sup>®</sup>."
  - **10.2 Coexistence Project:** Has been moved into SC-7 due to the fact that the scope is broader than just medical. The explanation of the need for the project is as follows: This committee project will study the need and approach to a set of tests and evaluation methods for wireless interference and coexistence. Regulators, IT system planners and others need tests that accurately evaluate the ability of wireless devices to operate in their intended environments, particularly in the vicinity of nearby in-band and adjacent-band transmitters.
  - **10.3 AAMI Liaison to SC8:** Don Heirman gave a presentation detailing <u>AAMI</u> membership and the long list of diverse medical companies involved with AAMI. http://www.aami.org/committeecentral/Committee/ShowCommitteeMembers.cfm?ComID=0EM0000.
  - **10.4 IEC Liaison Report:** Jeff Silberberg gave a presentation, see attachment.
  - **10.5 FDA Report:** Jeff Silberberg gave a presentation, see attachment.
- 11. <u>C63.org</u> website use and updates: Ed Hare has made repairs and updates to the web site.
- **12. Review of the action items from previous meetings:** There were no action items from the previous meeting per an e-mail from Chair, Bob DeLisi to Secretary, David Zimmerman
- **13. New Business Continued:** The group discussed the high levels of EMI emitted by CFL and LED lighting devices. No action items were assigned.
- **14. Membership:** Andy Griffin of Cisco was accepted as a member to SC-8 by unanimous vote. Congratulations to Andy Griffin, as he will become a member of SC-8 once approved by the main committee.
- **15. Time and place of next meeting:** Vice Chair, Steve Berger, announced the location of the next meeting will likely be Piscataway, NJ. The date is not yet known.
- **16. Closing remarks and Adjournment:** Vice Chair, Steve Berger closed the meeting at approximately 4:35 pm EDT.

Name	Subcommittee 8 Role	Affiliation
Attayi, Daoud	Member	Research In Motion
Berger, Stephen	Member	TEM Consulting
Bowen, Don	Member	AT&T
Case, David	Member	CISCO
Chapman, David	Member	AT&T
Coston, Steve	Member	PCTEST Engineering Laboratory, Inc.
DeLisi, Bob	Chair	Underwriters Laboratory
Dzumba, David	Member	Nokia
Green, Kendra	Member	Samsung Telecom America
Hare, Ed	SC8 Web Content Manager	ARRL
Heirman, Don	Member	Don HEIRMAN Consultants
Hofmann, HR (Bob)	Member	Hofmann EMC Engineering
Hoolihan, Dan	Member	Hoolihan EMC Consulting
Hurst, Bill	Member	FCC
Julstrom, Steve	Member	Julstrom Consulting and Development
Knipple, Tom	Member	Motorola
Kozma-Spytek, Linda	Member	Galludet University
Kuczynski, Victor	Member	Vican Electronics
<u>Liu, Steve</u>	Member	PCTEST Engineering Laboratory, Inc.
Moongilan, Dheena	Member	Alcatel-Lucent
Refai Hazem	Member	University of Oklahoma
Showers, Ralph	Member	Ralph Showers, Consultant
Silberberg, Jeffrey L	Member	FDA Center for Devices & Radiological Health
Stumpf, Bill	Member	DLS Electronics
Turner, Jim	Member	Alliance for Telecom Industry Solution
Victorian, Tom	Member	Starkey Systems
<u>Violette, Mike</u>	Member	Washington Laboratories
Whitesell, Steve	Member	VTech
Witters, Don	Member	FDA Center for Devices & Radiological Health
Zimmerman, Dave	Secretary	Spectrum EMC Consulting, LLC