

C63®

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Accredited Standards Committee C63®

Electromagnetic Compatibility

Accredited by the American National Standards Institute, Inc.

Secretariat: Institute of Electrical and Electronics Engineers, Inc.

NEWSLETTER

Issue 39 October 2015

MESSAGE FROM THE CHAIR

Daniel D. Hoolihan, Chairman ANSI-ASC C63®

The latest series of meetings for the American National Standards Institute Accredited Standards Committee C63® on Electromagnetic Compatibility were held the week of May 4-8, 2015 in the Minneapolis-St. Paul (Minnesota) area. The meetings were held at the Embassy Suites hotel in a suburb of Minneapolis called 'Brooklyn Park.'

The meetings were hosted by Northwest EMC, Inc. a testing laboratory company with a lab located in "Brooklyn Center" – Minnesota.

The weather was spring-like and warm for Minnesota and the hospitality and environment of the Embassy Suites Hotel was excellent. The meeting rooms were all located on the main floor and they were all well laid-out. The lunches and break- refreshments were outstanding.

For the first face-to-face meeting of 2015, the meetings were well-attended starting with the Working Groups on Monday and Tuesday and continuing with the Subcommittee meetings on Tuesday and Wednesday and the Main Committee Meeting on Thursday (May 7th).

My sincere thanks to those who were able to attend the meetings and to all the other individuals who participate on a regular basis in the activities of our electrical engineering standards development organization.

Two C63® standards were published since the last meeting of the Committee in November of 2014. This included the publication of new Versions of C63.14 (Definitions) and C63.7 (Guide for Test Sites). The status of the other active C63® standards can be found in later sections of this newsletter.

A number of awards were given at the meeting to those who were present. Other awards had to be mailed to those who were unable to make the meeting. More details on the awards that were given can be found in the latter parts of this newsletter.

Our next series of meetings will be held at Underwriter's Laboratories in Research Triangle Park, North Carolina. The meetings will run from Monday, November 9th, through

Thursday, November 12th. The meetings will be held at UL, LLC's facility in Research Triangle Park.

The meetings will follow our usual format of Working Groups on Monday and Tuesday, followed by Subcommittee Meetings on Tuesday and Wednesday, and the Main Committee meeting on Thursday.

I hope to see all of you in November at UL, LLC.



C63® Main Committee meeting May 7, 2015, Embassy Suites hotel in Brooklyn Park, MN. Chairman Dan Hoolihan presiding.

AWARDS PRESENTED

Awards were presented to the following individuals for their outstanding standards contributions.

All photos below were provided by Jerry Ramie

For C63.18:

Jeff Silberberg, Stephen Berger and the late Dr. Joseph Morrissey



Dan Hoolihan (left) presenting to Jeff Silberberg (right)



Dan Hoolihan (left) presenting to Harry Hodes (right)



Dan Hoolihan (right) presenting to Andy Griffin (left)



Dan Hoolihan (right) presenting to Stephen Berger (left)

For C63.4:

Don Heirman, H Robert Hofmann, Harry Hodes, Tim Harrington, Andy Griffin, and Dan Sigouin



Dan Hoolihan (right) presenting to Don Heirman (left)



Dan Hoolihan (left) presenting to Michael Duncanson (right)

Awards Continued...

...Awards Continued



Dan Hoolihan (left) presenting to Chris Dilay (right)

For C63.7:

Don Heirman, H Robert Hofmann, Tim Harrington,
Harry Hodes, Mike Howard, Ray Klouda, and Dan Sigouin



Dan Hoolihan (right) presenting to Don Heirman (left)



Dan Hoolihan (left) presenting to Harry Hodes (right)

Subcommittee 1 Techniques and Development

Zhong Chen (ETS-Lindgren), Chair



Subcommittee 1 – Zhong Chen second from end in background

No article was submitted for this edition of the newsletter.

Subcommittee 2 Definitions

Chris Dilay (SPAWAR), Chair.



Subcommittee 2 – Chris Dilay in immediate foreground

ANSI C63.14-2014 "American National Standard, Dictionary of Electromagnetic Compatibility (EMC) including Electromagnetic Environmental Effects (E3)" published in December 2014. PINS for the revision of C63.14 was approved by the main committee and Working Group 1 to immediately start work on the next 5-year update. The recently formed Working Group 2 began work on the new ANSI C63.28 "American National Standard, Guide for Best Practices for EMC Compliance" with the initial publication schedule and guide components defined.

Subcommittee 3 International Standardization

**Poul Andersen (Poul Andersen Consulting),
Chair**



Subcommittee 3 – Poul Andersen in immediate foreground

No article was submitted for this edition of the newsletter.

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Subcommittee 5 Immunity Testing

**Steve Whitesell (Whitesell Consulting),
Chair**

Subcommittee 5 met on May 5th with 11 of its 14 members and 5 observers in attendance. An application for membership from Randy Long was reviewed. The subcommittee agreed he should be included in the list of members to be recommended to the main committee for annual approval. The scope of SC5 was reviewed and remains unchanged.

The C63.9 Standard on Immunity of Audio Office Equipment, originally published in 2008, was reaffirmed last year. However, several comments received during the reaffirmation ballot were retained and will serve as a starting point for a revision of the document. Andy Griffin has agreed to serve as Working Group Chair for this project and presented a PINS-C for consideration.

Don Heirman is Chair of the Working Group for revising the C63.15 Recommended Practice on Immunity of Electrical and Electronic Equipment. The WG is reviewing the items identified in the PINS-C from the November 2014 meeting to determine which should be included in the actual PINS. There are several automotive experts in the WG, but Don is looking to add additional representation with commercial expertise from testing organizations that perform immunity measurements.

The Working Group revising the C63.16 Guide for Electrostatic Discharge Test Methodologies and Criteria for Electronic Equipment is chaired by Steve Whitesell. Draft 2.0 of the document was circulated to the subcommittee via email and approved for forwarding to the main committee for review and formation of a balloting group. A new Draft 3.0 was made available for the SC5 meeting reflecting inputs from the Mandatory Editorial Coordination (MEC) process and other editorial comments. The Main Committee agreed to the formation of a ballot group, and the document is currently out for ballot. The revised Guide includes several unique testing methods not covered by current ESD testing standards.

Work on the C63.24 Recommended Practice for In Situ Immunity Evaluation remains stalled. An email request was made in an attempt to identify individuals who would be willing to work on the project. It resulted in some comments but no one stepping forward. Don Heirman has indicated he is willing to make one last effort to recruit people for this project before a decision is made to cancel it. If you have an interest, please let Don know on d.heirman@ieee.org.

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Subcommittee 6 Laboratory Accreditation/Conformity Assessment

Randy Long (Laboratory Accreditation Bureau), Chair



Subcommittee 6 –Randy Long second from end in background

ANSI ASC C63® Subcommittee 6 (SC6) on "Accreditation/Conformity Assessment" met on the morning of Wednesday, May 6, 2015 from 8:00 am to 10:00am, at the Embassy Suites Hotel in Brooklyn Center, MN. The meeting was led by SC6 Chair, Mr. Randy Long. WG3 is developing C63.11 to help laboratories to develop or evaluate PT/ILC activities. WG4 is developing C63.8 to assist laboratories in effectively purchasing appropriate calibration services. An annex has been suggested with sample purchasing language for laboratories to adopt, please forward any helpful suggestions or lessons learned to the WG4 chair at vican@on.aibn.com. The next SC6 meeting is tentatively scheduled for Wednesday, November 11, 2015, to be held at the UL facility in Research Triangle Park, NC.

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Subcommittee 7 Spectrum Etiquette

Stephen Berger (TEM Consulting), Chair



May meeting - C63.27 – Wireless Coexistence Working Group with Steve Berger facing screen in the immediate foreground

No article was submitted for this edition of the newsletter.

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ANSI ASC C63[®] 2015 OFFICERS

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ANSI ASC C63[®] ELECTROMAGNETIC COMPATIBILITY, NEWSLETTER is published approximately sixty-six days after Committee meetings and is available on the web site www.c63.org. That site also contains much information about ANSI ASC C63[®] and its Subcommittees.

A special thank you goes out to Don Heirman, Immediate Past Chairman, for his contributions to ASC C63[®] and his assistance with the editing of this newsletter.

Any questions about the Newsletter should be addressed to: David Zimmerman, Editor (d.j.zimmerman@ieee.org)

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