

Accredited Standards Committee C63[®]
Electromagnetic Compatibility

SUBCOMMITTEE 2 – E3 Terminology Definitions

Wednesday, 05 October 2011, 1300 – 1350
Thompson Park
Lincroft, NJ

1. **Call to Order.** Mr. Marcus Shellman, SC2 Chairman, called the meeting to order.
 - 1.1. **Opening Remarks:** The chairman welcomed everyone to the meeting.
 - 1.2. **Self-Introductions:** The chairman requested introductions from the SC2 members and meeting participants. Meeting participants are identified in Attachment 1.
2. **Review and Adoption of Agenda.** The agenda was approved without changes. See Attachment 2.
3. **IEEE Patent Policy.** The chairman reviewed the standard IEEE Patent Policy as required.
4. **Review and Adoption of Minutes of Previous Meeting.** The chairman called for a review of the SC2 meeting minutes for the meeting held at ETS Lindgren, Cedar Park, TX on 04 May 2011. The minutes were approved without changes, on a motion by Mr. Heirman and subsequent voice vote. The minutes will be forwarded to Mr. Ed Hare for posting onto the ASC C63[®] website.
5. **Membership Review.** The chairman presented the SC2 membership list, which was approved at the last meeting. The membership list remains approved, as there have been no changes.
6. **Working Group 1 Report.**
 - 6.1. **C63.14 Draft Development:** Mr. Shellman presented the new working draft of C63.14 to the subcommittee. He noted that all subcommittee members should have received the document via email for review. He addressed the format of the document and explained that it currently incorporates the existing definitions, new definitions that have been adjudicated, and the Informative Annex, which contains IEV terms deemed comparable to terms defined in C 63.14. He stated his intent was to make the draft as comprehensive as possible, and also noted that all new material is highlighted in yellow, for easy identification. Several members stated that they had not received the draft, bringing into question the email distribution list used. During the discussion Ms. O'Neill was able to forward the draft to

those members who had not received it. Mr. Shellman stated he would obtain the proper SC2 listserv to ensure all members receive draft updates in the future.

Mr. Hodes noted that the draft references MIL-STD 1541, “Electromagnetic Compatibility Requirements for Space Systems.” He questioned the status of the standard and whether or not it has been superseded by a new commercial specification. The chairman took an action to investigate the status of the standard and update the reference, as appropriate.

6.2. New Definitions: Mr. Shellman showed new definitions in the draft received from the other subcommittee chairs, based on their review of existing or planned standards. Mr. Moongilan inquired about definitions for, “in-situ,” and “on-site,” to address nuances in the use of the terminology. These definitions do not currently appear in C63.14. Mr. Silberberg took an action to provide definitions for the two terms to Mr. Shellman for incorporation in the draft.

6.3. Definitions Under Development: The chairman noted that definitions for “Broadband Device,” “Broadband Emission,” “Standard,” “Recommended Practice,” “Specification,” and several others have not yet been finalized, as he has not received sufficient responses from subcommittee members for validation of the definitions. He took an action to resend the definitions to subcommittee members and WG1 participants for their review and comment.

6.4. Development of an Informative Annex (Glossary of Terms): Mr. Shellman presented the Informative Annex, a glossary of terms based on IEC 60050, “International Electrotechnical Vocabulary (IEV),” comparable EMC definitions used internationally that are not addressed in C63.14. He explained that the format may change, but at present IEV terms appear in the C63.14 draft, but the definitions do not. Hyper links will be provided from the individual terms back to the IEV document for those needing to access the definition. His rationale included the potential for conflicts with C63.14 definitions and he also reasoned that individual IEV definitions may change at any time, outdating the C63.14 Annex. He also noted there is cross referencing where C63.14 and the IEV address similar or related terms.

In the discussion that followed Dr. Showers provided an argument for having the definitions included in C63.14. He feels that C63.14 definitions may ultimately influence international standards developers to adopt C63.14 terminology. However, the chairman noted that the subcommittee had previously decided not to attempt harmonization of the terminology. Additional discussion addressed the need for input from the other subcommittee chairs on specific IEV terms for which they would like to see definitions. The chairman took an action to provide the Glossary to the subcommittee chairs; to have them issue actions to their working groups to identify relevant IEV terms that will then form the basis of a prioritized list to appear in C63.14, with definitions.

7. **Old Business.**

7.1. **Website Status:** Mr. Shellman reported that Mr. Dilay needs to update the SC2 Website.

7.2. **Newsletter:** Mr. Shellman reported that a Summary Report updating SC2 activities has been prepared and submitted to Mr. Warren Kesselmann for inclusion in the next C63 Newsletter.

8. **New Business.** None

9. **Action Item Review.**

- ? Mr. Shellman to obtain current SC2 Listserv and re-circulate draft C63.14 to subcommittee members for review;
- ? Mr. Silberberg to provide definitions for, “in-situ,” and, “on-site,” to the chairman for inclusion in new definitions development;
- ? Mr. Shellman to investigate the current status of MIL-STD-1541 and update draft C63.14, as appropriate;
- ? Mr. Shellman to provide the Informative Annex to the subcommittee chairs; to have them issue actions to their working groups to identify relevant IEV terms that will then form the basis of a prioritized list to appear in C63.14, with definitions;
- ? Mr. Shellman to re-send definitions under development to WG1 participants and subcommittee members for review and comment.

10. **Next Meeting.** The next SC-2 meeting is tentatively scheduled for 2:00 PM on Wednesday, April 18 2012. The next ASC C63[®] Parent Committee Meeting will be held Thursday, April 19, 2012 at 9:00 AM at IEEE Headquarters, Piscataway, NJ.

11. **Adjournment.** The SC2 meeting was successfully completed as scheduled. The chairman adjourned the meeting at 1455.

Attachment 1

**SC-2 Meeting Attendance List (October 5, 2011)
Thompson Park
Lincroft, NJ**

NAME	TITLE
Marcus Shellman	Chair, SC2
Janet O'Neil	Vice Chair, SC2
Michael Duncanson	Secretary
Steve Whitesell	Observer
David Zimmerman	Observer
Dennis Camell	Chair, SC1
Ralph Showers	Member
Dheena Moongilan	Observer
Randy Long	Observer
Victor Kuczynski	Chair, SC6
Steve Berger	Chair, SC7
Harry Hodes	Observer
Don Heirman	ASC C63® Chair
Ed Hare	Chair, SC5
Jeffrey L. Silberberg	Observer
Dan Hoolihan	Vice-Chair, ASC C63®
Jeff Moser	Observer
Jerry Ramie	C63 Secretary
Colin Brench	Vice-Chair, SC1

Attachment 2

**ANSI Accredited Standards Committee C63?
Electromagnetic Compatibility
Subcommittee2 – E3 Terminology Definitions**

SC 2 Meeting Draft Agenda for 05 October 2011

Wednesday, 2:00 PM - 2:50 PM

1. Call to Order and Opening Statement – Chair
 - 1.1 Opening remarks and Announcements: (Chair)
 - 1.2 Meeting logistics announcements: (Host: Don Heirman)
 - 1.3 Introductions: (Secretary)
2. Approval of the Agenda: (Secretary)
3. Presentation of [patent slides](#): (Secretary)
4. Presentation of [meeting attendance](#) fee slides: (Secretary)
5. Approval of minutes of previous meeting: (Secretary)
6. Review of [Subcommittee Membership](#): (Chair)
 - 6.1 Review of membership – members at risk
 - 6.2 Consideration of new members
7. Working Group 1 report.
 - 7.1 C63.14: Definitions
 - Subcommittee 2 Chair: ([Marcus Shellman](#))
 - Working Group Chair: ([Marcus Shellman](#))
 - Status: Published standard. Revisions continuous as needed.
 - 7.1.1 ANSI C63.14-20XX Draft of 8/22/2011: (Chair)
 - 7.1.2 New Definition Development
 - 7.1.3 List of definitions in existing published and draft C63[®] standards (Sub Committee Chairs/Members)
 - 7.1.4 Addition of an Informative Annex (IEV and perhaps others)
8. Other Old Business: (Chair)
 - 8.1 [C63.org](#) website: Web Content Manager (Chris Dilay)
9. New Business: (Chair)
 - 9.1 C63 Newsletter Input
10. Review open action items from this and previous meetings: (Secretary)
11. Time and place of next meeting: (Chair)
12. Closing remarks and Adjournment: (Chair)

SC2 Chair: Marcus Shellman, Jr., marcus.shellman@jsc.mil

SC2 Vice Chair: Janet O'Neil, j.n.oneil@ieee.org

SC2 Secretary: Mike Duncanson, michael.duncanson@jsc-eses.com

SC2 Web Coordinator: Chris Dilay, chris.dilay@navy.mil

Attachment 3

SC2 Membership List

Chairman – Marcus Shellman
ASC C63[®] / SC2 Membership Roster

NAME	TITLE
Mr. Marcus Shellman	Chair, SC2 (WG1)
Ms. Janet O'Neil	Vice-Chair, SC2
Mr. Michael Duncanson	Secretary, SC2 (WG1)
Mr. Chris Dilay	Web Coordinator, SC2 (WG1)
Mr. Don Heirman	Chair, C63 [®]
Mr. Dan Hoolihan	Vice-Chair, C63 [®]
Mr. Dennis Camell	Chair, SC1
Mr. Colin Brench	Vice-Chair, SC1
Mr. Poul Anderson	Chair, SC3
Mr. Ed Hare	Web Master, C63 [®]
Mr. Steve Whitesell	Chair, SC5
Mr. Victor Kuczynski	Chair, SC6
Mr. Stephen Berger	Chair, SC7
Mr. Bob DeLisi	Chair, SC8
Dr. Ralph Showers	Member
Mr. Bob Hofmann	Member
Mr. Harry Hodes	Member, WG1
Mr. Steve Koster	Member, WG1
Mr. Jerry Ramie	Member, WG1
Mr. Dave Schaefer	Member, WG1
Mr. Joe Snyder	Member, WG1