Accredited Standards Committee C63®
Electromagnetic Compatibility

Subcommittee 3 – International Standardization
Draft Meeting Minutes

Wednesday, 16 April, 2008, 10:00 – Noon
IEEE Operations Center
445 Hoes Lane, Piscataway, NJ 08855

1. Call to order (Andersen)
   Chairman Andersen called the meeting to order at 1000 hours. In attendance:
   Members:
   Poul Andersen, Chairman
   John Lichtig, Acting Vice-chairman
   Ed Hare
   Don Heirman
   Dan Hoolihan
   Ralph Showers
   Dave Southworth
   Observers:
   Colin Brench
   Tim Harrington
   Dheena Moongilan
   Ghery Pettit
   Marcus Shellman
   Jeff Silberberg
   Joe Snyder
   Richard Worley
   David Zimmerman

   1.1. Opening comments
   The Acting Vice-chair Lichtig volunteered to record the meeting minutes.

   1.2. Introduction of attendees
   The attendees introduced themselves.

   1.3. ANSI Patent Policy
   The ANSI Patent Policy was presented by Chairman Andersen.

2. Approval of agenda
   TAs as Liaison members was added under agenda item 4. The agenda was approved
   with the change.

3. Review of previous minutes/action items/notes
The minutes were approved as presented.

4. Review SC3 Membership

Confirmation of membership
The membership list was confirmed. The TAs will be added to the membership list as liaisons. Three members have "checks in the mail." They will be given 30 days to pay and removed if payment is not received. Liaisons will be added to the membership list.

Someone sent an e-mail to the Chair in response to the request for interest in joining SC3, but that e-mail was inadvertently lost. **AI 1** *The Chair will resend the original request.*

Candidates for Vice-chair
Werner Schaefer was voted in as Vice-chair for SC3.

Identify SC3 web coordinator
Ed Hare volunteered to be the web coordinator for SC3.

5. Identification of International Standards relating to ASC C63® membership standards development and those that need SC3 analysis

5.1. Review list of C63® documents, PINS and PINSC

C63.2 - is presently withdrawn. It will probably be republished within the next two months. Low priority for analysis.

C63.4 - There was a failed ballot. There will be a new balloting group and ballot. Low priority for analysis.

C63.5 - There is no international counterpart to this document. The date should be corrected to 2006.

C63.6 - Is withdrawn.

C63.7 - There is no international counterpart to this document. [Comment from Werner Schaefer after the meeting: there is some content in CISPR 16-1-4.]

PC63.7D - This is a leftover document.

C63.011-2000 - Reprint of CISPR 11. This document needs to be withdrawn.

C63.8 - Is withdrawn.

C63.9 - This document has tougher limits than 61000-4-3. This document has international counterparts.

C63.10 - There is no international counterpart to this document.

C63.11 - There is no international counterpart to this document.

C63.12-1999 - There is no international counterpart to this document.

C63.13-1991 - Withdrawn. CISPR 17 is an international counterpart. Low priority for analysis.

C63.14-1998 - Dictionary, should be published by year end. The international counterpart is IEV 161. Dr. Showers indicated that there are some international terms that SC2 may be interested in including in the list of definitions. Since the document is being published this year, the revision will be in five years. Therefore work can begin now, no leader selected.

C63.15 - Should be published in six months. There are international counterparts in the 61000 series.

C63.16-1993 - ESD. There is material on reliability that is not in the international standard. SC77B is the active international committee. **AI 2** *Ed Hare to contact Bill Rhoades to see if he would take the lead on this input.* Richard Worley volunteered to work on this.

C63.17-1998 - It was revised in 2006. There is no international counterpart to this document.

C63.17 D3.5 - Revised in 2006

C63.18-1997 - Reaffirmed at a later date. **AI 3** *Ask Joe Morrissey if he would be willing to accept the lead on this analysis.*

C63.19-2001 - This needs to be researched to determine if there are international standards. IEC 60118-13 is the international relevant standard. **AI 4** *Ask Steve Berger if he would be willing to accept the lead on this analysis.*

PC63.19 D3.12-2007 -

C63.20 - Does not exist.

C63.21 - Does not exist.

C63.22-2004 - There is potential material that may be fed back to CIS A. This would be mainly done through C63.4. This will not be acted on for now.

C63.022-1996 - Reprint of CISPR 22. **AI 5** *Remove this from the listing.* [Action taken in the C63® meeting on 4/17/2008]

C63.23 - Lots of international activity on this subject. **AI 6** *Ask Bob DeLisi if he would be willing to accept the lead on this analysis.*

C63.24 - There is no international counterpart to this document.

C63.25 - Does not exist.

PINS for PLC activity – This work has been dropped.

AI 7 *Ask the members of SC1 during the meeting on 4/17/2008 if there are other documents that should be addressed by SC3.*

Don Heirman provided input on the following documents.

IEEE 139 - ISM emissions standard. Possibility of dual logo with CIS B as part of Category D liaison. Category D liaison would provide technical input but without voting rights.

IEEE 187 - Emissions from HD TV was sent to CIS I for impact on CIS 13.

IEEE 1309 - Probe calibration. Potential Category D liaison with SC77B and SC77C.

5.2. Identify C63® document activity that potentially overlaps International Standards Activity

    5.2.1.   ASC 63® SC1

    5.2.2.   ASC 63® SC2

    5.2.3.   ASC 63® SC4

    5.2.4.   ASC 63® SC5

    5.2.5.   ASC 63® SC6

    5.2.6.   ASC 63® SC8

    5.2.7.   CISPR/Steering (Showers, Heirman, Andersen)

    5.2.8.   CISPR/A (~~Vitek/Heirman~~Schaefer)

    5.2.9.   CISPR/B (Mahn)

5.2.10. CISPR/D (Andersen)
5.2.11. CISPR/F (Showers)
5.2.12. CISPR/I (~~Wagner~~)
5.2.13. CISPR/H (Hunter)
5.2.14. IEC TC77   (Showers)
5.2.15. IEC SC77A (Showers)
5.2.16. IEC SC77B (Showers)
5.2.17. IEC SC77C   (Barnes)
5.2.18. Other

Instead of using the complete Head of Delegation (HoD) report for SC3, only item 2f of the HoDs will be captured to report the impact of the meeting to US issues. The following is excerpted from item 2f of the 2007 Sydney HoD Reports:

- CIS A – Yes. The items are antenna calibration project, test site validation in the frequency range 1 GHz to 18 GHz, evaluation of set-up table in the frequency range above 1 GHz, and use of spectrum analyzers for compliance measurements.
- CIS B – [There is no HoD report for 2007]
- CIS D - Yes. The CIS A and D JTF's for Chamber Validation and FFT measurements did have meetings to begin these JTF efforts.
- CIS H - Yes, the issue of antenna height scanning above 1 GHz will require coordination with CIS I and CIS A. The issues associated with CIS_H_151_CD and CIS_H_161_CDV will require coordination and a JTF with CIS A. The issue of limits > 1 GHz for floor standing equipment will require coordination with CIS B and CIS A. The issues of inappropriate drafting of documents by CIS H for measurement procedures should be referred to the SMB and to the IEC Central Office for final determinations of publication of the document. Although these items were noted in section 2f, the comments do not address US issues.
- CIS I - No. There are no issues.

  It was noted that not all of the comments in 2f identify "issues" for the US. Chairman Andersen suggested that there should be a CISPR teleconference after the annual CISPR meeting to review the HoD reports.   It was also suggested that such a teleconference should be held before the 2008 meetings so that it is understood in advance what information is needed in item 2f for coordination.

6. Assignment of Review Leaders
    Review leaders were identified for the following documents:
        C63.16 Bill Rhoades?? and Richard Worley
        C63.18 Joe Morrissey
        C63.19 Steve Berger
        C63.23 Bob Delisi

7. Other issues and discussions
    7.1. Website and SC3 member's area
    AI 8 *Ed Hare to post March 2007 and April 2008 approved meeting minutes.*

AI 9 *Add "Parent Committee" meeting agenda to the webpage linked to the Meeting Schedule to reduce agenda confusion.*
AI 10 *Generic agenda – A draft meeting agenda should be posted two months prior to the meeting.*
AI 11 *List documents in chronological order in password protected members area. Newest document should be at the top of the list. The documents will be renamed to have the date at the beginning, e.g., 200Y-MM-DD.*

7.2. CISPR 2010 meeting funding
IEC meeting will be in Seattle, WA in 2010. The cost has to be covered by the host (The US). This will cost about 2.5 million. $120,000 is necessary to fund the CISPR portion of the meetings. If CISPR does not come up with the funding it will not be invited. The TAG TAs and members have been sent a letter requesting contributions.

8. <u>Next meeting</u> – In conjunction with the fall ASC C63® meeting at UL Northbrook, IL

9. <u>Adjournment</u>
    The meeting was adjourned at 1202 hours.

    Action Items

    AI 1 The Chair will resend the original request. CLOSED - done via the news letter.
    AI 2 Ed Hare to contact Bill Rhoades to see if he would take the lead on this input.
    AI 3 C63.18-1997 - Reaffirmed at a later date. Ask Joe Morrissey if he would be willing to accept the lead on this analysis. CLOSED - Accepted
    AI 4 C63.19-2001 - This needs to be researched to determine if there are international standards. IEC 60118-13 is the international relevant standard. Ask Steve Berger if he would be willing to accept the lead on this analysis. CLOSED - Accepted
    AI 5 C63.022-1996 - Reprint of CISPR 22. Remove this from the listing. CLOSED -done at C63® meeting on 6/17/2008
    AI 6 C63.23 - Lots of international activity on this subject. CLOSED - Bob DeLisi agreed to follow up on this.
    AI 7 Ask the members of SC1 during the meeting on 4/17/2008 if there are other documents that should be addressed by SC3.   CLOSED - Completed 4/16/2008
    AI 8 Ed Hare to post March 2007 and April 2008 approved meeting minutes.
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