

Accredited Standards Committee C63[®]
Electromagnetic Compatibility

Subcommittee 3 – International Standardization
Approved Meeting Minutes

Tuesday, 23 October, 2007, 10:00 – 12:00
Washington Laboratories
7560 Lindbergh Drive, Gaithersburg, MD 20879
301-216-1500

Members Present:

John Lichtig, Chairman
Poul Andersen, Vice-chairman
Ed Hare
Dan Hoolihan
Bill Hurst
Don Heirman
Ralph Showers

Members Absent:

Kurt Fischer
Joe Morrissey
Werner Schaefer
Dave Southworth

C63[®] Members Present as Observers:

Tim Harrington
Jeff Silberberg
David Zimmerman

Observers:

Zhong Chen
Bob Jenkins
Ghery Pettit

1. The meeting was called to order at 10:05 AM by Chairman Lichtig. Chairman Lichtig welcomed the persons attending the meeting. Those present introduced themselves. The Chairman thanked Washington Laboratories for hosting the meeting.

1.1. ANSI Patent Policy

Don Heirman provided some comments regarding the IEEE patent policy. It is of minimal impact to this SC. The policy has been distributed to the C63[®] committee.

2. Approval of agenda

The agenda was approved without changes.

3. Review of previous minutes/action items/notes
AI-1-07_30_07 is still open. A new AI (**AI-1-10_23_07 JFL**) to resend the PINS and PINS-C to TAs and DTAs for their review and matching to their SC work programs.

All other AIs from the July 30, 2007 meeting are closed.

4. Review of SC3 Reorganization Proposal

Don Heirman made a motion to adopt the revised scope and membership criteria for SC3. After some discussion, Dan Hoolihan suggested to split the motion into scope and membership. The scope was approved unanimously. The membership criteria was approved with one negative vote from Dr. Showers. Matt Ceglia to send an e-mail to the parent committee with the two documents (**AI-2-10_23_07 MC**)

The Chairman noted that the membership criteria text will be edited to remove "SEE BELOW" under the Liaison Members heading. The ALTERNATE PARAGRAPH will also be removed.

5. SC3 Membership

- 5.1. Select new Chairman

Chairman Lichtig's term comes due at the end of 2007. The SC selected Poul Andersen (present Vice Chairman) to be proposed as the next Chairman to the parent committee.

- 5.2. Select new Vice-chairman

The parent committee will be requested to send out an e-mail requesting for candidates for the vacant Vice Chair position (**AI-3-10_23_07 JFL**). Chairman Lichtig reluctantly volunteered to be acting Vice Chair at the April 2008 (Piscataway, NJ) meeting if a candidate has not been identified.

- 5.3. Identify potential SC3 members

It was decided to start afresh with a new membership call. But insure that at least one member represent each of the C63 subcommittees. Liaison members will generally be TAs and DTAs of CISPR and TC77 subcommittees. It was suggested that an e-mail be sent by the parent committee to all members requesting potential SC3 members in order to get a broader audience (**AI-4-10_23_07 JFL**).

6. Reports from CISPR and TC77 Meetings, Sydney Australia

7. CISPR technical issues and positions

To note compilation of reports

- 7.1. Plenary (Showers)

Don Heirman was elected the new chairman of CISPR with a term of six years.

Andy Griffin and Werner Schaefer were the recipients of the 1906 Award, which recognizes exceptional and recent achievement — a project or other specific contribution — related to the activities of the IEC and which contributes in a significant way to advancing the work of the Commission.

A 2 to 1 vote resulted in a decision to not follow the reference test method policy.

7.2. Steering (Showers, Heirman, Andersen)

Don Heirman noted that the Steering Committee has not done a good job in the last few years; he will work on improving this. He also noted that the voice of SC3 needs to be heard in the international standards arenas via liaisons (e.g., TAs, DTAs, etc.).

7.3. SCA (Vitek/Heirman)

Don Heirman discussed the activities in SCA. Work continues on time-domain and shielded room use for automotive applications. Professor Segura is the project leader for antenna calibration. Work is also ongoing on spectrum analyzer use above 1 GHz. Stecher is the new Chairman, and Steven Leitner (UL California) is the Secretary. HoD report attached.

7.4. SCB (Mahn)

No report. Jeff Silberberg provided documents from the meeting (attached).

7.5. SCD (Andersen)

CISPR 25, 3rd edition was finished this year. CISPR 12 was finished last year. HoD report attached.

7.6. SCF (Showers)

The work on induction heating and lighting are extending the frequency range. This work is a result of a lawsuit in England over a hair dryer.

7.7. SCI (Wagner)

Ghery Pettit reported that the PLT project is having difficulties in defining the topologies of power distribution systems. The Convenor of CIS_I_WG3 resigned and Ghery Pettit is now the acting convenor. The US has proposed Ghery Pettit to fill the vacancy. A document with corrections to CISPR 22 is to go to FDIS. WG2 continues to work on CISPR 32. The work has been set to stage 0. The third committee draft will be used as the starting point for the new work. WG4 continues to work on CISPR 35. It is expected to follow the path of CISPR 32 at a later time since that work began after the work began on CISPR 32.

7.8. SCH (Hunter)

This is the first time Dr. Showers has seen a HoD report (attached) that indicates that the US delegation was not successful. The committee has a new chairman.

Andy Griffin has been nominated to be the co-convenor of WG1. The meeting agenda was a green paper. In-situ measurements is out of the scope of CIS_H; it belongs in CIS_A. Don Heirman noted that height scanning is still an issue. If the signal is within 3 dB of the antenna there is no need to do height search. CIS_H_151_CD was not discussed because it was still out for vote.

Mike Windler (SC1) should get involved in these issues. Wayne Hunter needs help. Wayne Hunter should be a liaison to SC3. Mike Windler and the Chairman will send an invite to Wayne Hunter to become a liaison to SC3 (**AI-5-10_23_07 MW & JFL**).

8. TC77 technical issues and positions

TC77 discussed uncertainty. TC77 is of the opinion that they mainly deal with immunity and therefore should write the uncertainty document. HoD report attached.

There are international harmonics criteria but none in the USA. The European power companies want stricter harmonics criteria.

TC77B is working on ESD (61000-4-2) on how to better control pulse wave shape. They are at the first CDV stage. It will not get to FDIS stage until about 12 months. Ghery Pettit indicated that the first CD received 44 pages of comments. There is a big difference in the pulse shape of different ESD guns. An action item was assigned to Chairman Lichtig to bring up to the parent committee a request for SC5 to help out on this work (**AI-6-10_23_07 JFL**).

9. Other issues and discussions

9.1. Template for TA/DTA reports – responses from SC3

This AI is still open. Don Heirman indicated that the template is intended as a mechanism for TAs and DTAs to communicate what actions they need from SC3 (**AI-7-10_23_07 DNH & JFL**)

10. Next meeting will be in conjunction with the spring ASC C63[®] meeting at IEEE the week of April 14th.

11. The meeting was adjourned at 12:02 PM