



EMC Standards Activity: Standards and Regulatory EMC Forums Remain Informative and Well Attended

Don Heirman, Associate Editor

My column this time will review a major international forum sponsored by the Japanese Voluntary Control Council for Interference (VCCI). The VCCI has 1,300 member companies and associations in Japan as well as other countries. The members participate with the VCCI goal of protecting their respective radio and TV receivers from radio wave interference from information technology equipment. The list of members can be found using http://www.vcci.or.jp/vcci_e/list/index.html

At the end of February this year, the VCCI held their International Forum 2009 in Tokyo at the UThant International Conference Room at the United Nations University. Approximately 200 people attended to hear from five speakers, each of whom had a specific topic of interest to Japanese manufacturers. The opening remarks and introduction of speakers were by Mr. Haruyoshi Nagasawa (Senior Executive Board of Directors, VCCI). The list of speakers and their subjects were as follows (the presentations were simultaneously translated into Japanese from the English presentations):

- Ms. Ge Hongmei of the Certification and Accreditation Administration of the People's Republic of China (CNCA) presented "Introduction of China Compulsory Certification System (CCC System) and EMC Standards."

- Mr. Don Heirman, Chairman of ANSI ASC C63[®], presented "Proposed Changes to ANSI C63.4 (2003) to be included in the 2009 Version and Regulatory Implications Referencing C63.4."
- Ms. Soon Jung Moon of the Radio Research Agency in Korea presented "Certification Scheme" and "Korea: Today and Tomorrow."
- Mr. Stephan Winkelmann of Section 411 Market Surveillance Matters relating to EMC and R&TTE, BNetzA in Germany, presented "Market Surveillance and EMC Directive Revision and its Effects."
- Mr. Sergey Smirnov of GOST Asia in Russia presented "EMC Regulating in Russia: Standards, Procedures, and Schemes."

At the end of the presentations, there was an hour set aside where all the speakers were assembled on the stage to answer questions from the audience. Mr. Satoshi Shibata (Chairman of VCCI IRSC) hosted the panel discussion.

Most of the questions were aimed at further elaboration of the speaker's remarks. Of particular interest were the changes to ANSI C63.4. Questions on the measurement technique as well as the test site validation requirements for performing tests above 1 GHz and the video display to use on LCD screens during testing highlighted the questions asked of



Speakers Don Heirman in foreground and Steve Winkelmann in background registering for the forum. Note the United Nations University Press booth in the background.



Ge Hongmei from the Certification and Accreditation Administration of the People's Republic of China further elaborates on her presentation as the slide in question is shown in the background.



Don Heirman, Chairman of ANSI ASC C63®, presents key changes to the 2003 edition of ANSI C63.4 as appearing in the 2009 edition.



Speaker panelists take questions from the audience. Shown on the screen was the presentation slide relating to the question. Don Heirman answers the question on what is to be shown on video display units per the 2009 edition of ANSI C63.4.



View of the large attendance in the superb facilities at the United Nations University including the use of simultaneous translation into Japanese as the speakers presented in English.



Satoshi Shibata (left) and Haruyoshi Nagasawa lead the panel discussion with all the authors.



The VCCI's Yoko Inagaki invited the VCCI management and speakers to say a few words after the celebration dinner.



Speakers assemble for a group photo at the celebration dinner held after the forum. Shown from left are Satoshi Shibata, Don Heirman, Ge Hongmei, Steve Winkelmann, Soon Jung Moon, and Sergey Smirnov, the VCCI hosts, with Mr. Jeong Dong-Chan of RRA, and Mr. Kazuyuki Hori of Sony.



Don Heirman expresses his appreciation for being invited to the forum. In the background is Yoko Inagaki of the VCCI who introduced the speakers and who was instrumental in helping with the speaker travel and lodging arrangements as well as facilitating the presentations in Tokyo.

Don Heirman. Interest in how the FCC might reference the new edition of the standard was also of interest as it was clear the questioners were looking for when the new standard will be required for compliance. Mr. Heirman's presentation offered the many options that the FCC could take to recognize the 2009 edition of ANSI C63.4. Other speakers were asked specific questions of the processes to get products into the various markets covered by the presentations.

In summary, the entire forum was very informative and on target. The many manufacturers and testing organizations that were in attendance were pleased to have their questions answered.

The identification of the presentations is shown on the VCCI web site at: http://www.vcci.or.jp/vcci_e/index.html

Access to the information requires a password and user name which are available to VCCI members. You might contact one of the members in the list noted above to see if there is a way to get a copy of the presentations. **EMC**

Sign up NOW!

ANSI C63.4 and C63.5 Workshops in Austin, Texas Just Prior to the 2009 IEEE International Symposium on EMC

On August 14–15, 2009, there will be two special workshops at the same venue as the IEEE EMC Symposium in Austin covering the 2009 edition of ANSI C63.4 (emission measurement methods required by the FCC) and the 2006 edition of ANSI C63.5 (antenna calibration) including the proposed changes for the 2009 edition. A highlight will be the introduction of a new test site validation technique using time domain concepts which will be compared to the validation technique stated in CISPR 16-1-4 (site VSWR). Attendees will get a chance to perform antenna calibrations in the lab and at a nearby Open Area Test Site provided by ETS-Lindgren. The workshops include several speakers who are technical experts on the subjects presented and who participated in the writing of the standards.

Sign up now as a minimum number of participants is needed to hold the workshops. The registration form is shown opposite this announcement on page 79 of the EMC Newsletter. For further information, please contact Don Heirman, Workshop Director, at d.heirman@ieee.org.

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