



Standards Advisory and Coordination Committee (SACCom) Representative Report



Date of Report 12 May 2016

Name of Representative: Don Heirman

Representative's Position:

Immediate past Chairman

ANSI-accredited Standards Committee C63® --EMC

Represented Technical Entity:

Technical Entity Scope/Function:

Development of definitions and methods of measurement of electromagnetic noise and signal strengths (radiated and conducted), determination of levels of signal strength, levels of unwanted sources, limiting ratio of noise (and/or unwanted sources) to signals and development of methods of control of, and guidelines for influence, coupling and immunity. Where subjects dealt with overlap with those of other national committees, appropriate liaison will be established.

Current Activities of Entity:

1. Antenna calibration methods (C63.5)—**recirculation ballot soon**
2. Wireless device testing (Licensed and unlicensed transmitters) (C63.26 (**recirculation circulated**) and C63.10 respectively); Next edition of C63.10 **published**.
3. On-site immunity testing of medical and non-medical equipment (C63.24)—**Discussion that this be a joint project with IEEE Std 473 on in-situ testing**.
4. Test site validation (C63.25)—**draft in progress to cover 1 to 18 GHz**
5. Emission measurements (C63.4), 2014 edition—**WG determining what should be in the next full edition (circa 2018) taking into account interpretations published on the standard**
6. Emission measurements (C63.4a), limited amendment to the 2014 edition amending Annex D on test site validation 30 to 1000 MHz—**mature draft nearing ballot in C63**.
7. Wireless co-existence (C63.27)—**moving to C63 ballot**
8. ESD testing (C63.16)—**published on 11 May 2016**
9. Limit/test level rec. practice (C63.12)— **published in Jan 2016**.

New Work Items proposed/approved:

No change

1. C63.29 Lighting device testing--**started**
2. C63.30 Wireless Power Transfer device testing--**started**
3. C63.31 Industrial, Scientific, and Medical testing per FCC MP-5--**started**

Standards¹/Revisions recently voted on²: At this point, C63® standards that are published are found

¹ If Standards were harmonized with other organizations, e.g. IEC-CENELEC, please advise)

on
http://www.c63.org/documents/misc/matrix/c63_standards.htm

Site being updated

Recently published Standards¹:

C63.14 Definitions, C63.16 (ESD) and C63.7 (Test site construction)

Scheduled Future Projects:

See items proposed/approved above

Activities requiring technical support of the EMC-S:

Since most of these projects involve EMC testing, the EMCS TC-2 (EMC measurements) as well as SDECom should follow the activity (especially C63.24 complementing IEEE Std 473); The Standards Development and Education Committee (SDECom) is the entity that supports the EMC Society voting membership in ASC C63®; **EMCS primary rep to C63 is John Norgard with alternate Henry Benitez**

Activities requiring financial support of SACCom or EMC-S:

None as it is possible to communicate electronically and via teleconferences as well

Further information go to www.c63.org

After the one year transition ends on July 13, 2016, only the 2014 edition of C63.4 can be used in making FCC compliance measurements for IT products.

² Please provide results of vote. If disapproved, please advise major reasons, if known