Standards and Advisory Coordination Committee (SACCom) Representative Report

Date of Report:	5 May 2016	Name of Representative:	R. C. Petersen

Representative's Position:	Executive Secretary/Treasurer SCC39
Represented Technical Entity:	IEEE Standards Coordinating Committee 39/TC34
Technical Entity Scope/Function:	The development of product performance standards relative to the safe use of electromagnetic energy for specific products that emit electromagnetic energy at frequencies between 0 Hz and 300 GHz.
Current Activities of Entity:	IEC/IEEE P62704-1: Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz: General Requirements for using the Finite-Difference Time- Domain (FDTD) Method for SAR Calculations. (Jointly developed IEC/IEEE dual logo project – formerly IEEE P1528.1.) IEC/IEEE P62704-2: Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Exposure from Vehicle Mounted Antennas. (Jointly developed IEC/IEEE dual logo project – formerly IEEE P1528.2.) Now in IEC/IEEE Sponsor ballot. IEC/IEEE P62704-3: Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz: Specific Requirements for using the Finite-Difference Time-Domain (FDTD) Method for SAR Calculations of Mobile Phones. (Jointly developed IEC/IEEE dual logo project – formerly IEEE P1528.3.) IEC/IEEE P62704-4: (Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz. General requirements for using the Finite Element Method (FEM) for SAR calculations and specific requirements for modeling vehicle-mounted antennas and personal wireless devices. (IEC/IEEE dual logo project – formerly IEEE P1528.4.)
New Work Items proposed/approved:	None since last report.

Standards[1]/Revisions recently voted on[2]:	IEC/IEEE P62704-1: CDV1 – November 2015 (ongoing). IEC/IEEE P62704-2: CDV1 –October 2015 (undergoing comment resolution). IEC/IEEE P62704-3: CDV – target date: May 2016. IEC/IEEE P62704-4: CDV – target date: May 2017.
Recently published Standards[1]:	IEEE 1528-2013 “Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques. (Published September 2013.)
Scheduled Future Projects:	Possible: Combine revision of IEC P62209-1 with P62209-3 as a single standard, consider for adoption as a dual-logo IEC/IEEE standards project to replace IEEE 1528-2013 (issue as a jointly developed/dual logo standard). TC34 balloted and approved moving forward. An IEC TC106 Q document will be distributed – if approved by the national committees, a Project Authorization a Request will be submitted to the IEEE SA Standards Board for approval as a dual logo standard.
Activities requiring technical support of the EMC-S:	None at this time.
Activities requiring financial support of SACCom or EMC-S:	None at this time.
Next Meeting:	TC34 Subcommittees meet regularly with the corresponding IEC TC106 PTs and MTs. Future combined meetings: TC34 SC1 (in conjunction with IEC TC106 MT1 and PT62209-3), Plantation, FL, 13-14 January 2016; 23-24 May 2016. Zurich Switzerland.
Additional Comments:	There is a large overlap in membership of the TC34 Subcommittees and Working Groups with the IEC TC106 Project teams and Maintenance Teams. These groups usually meet concurrently to ensure that the resulting IEC and IEEE standards are in harmony. As indicated above, four TC34 numerical calculation projects are now jointly developed IEC/IEEE standards projects. As indicated above, approval will be sought to combine IEC Projects 62209-1 and -3 into a single project and seek status as a jointly developed standards project. If successful, the resulting standard will replace IEEE 1528-2013. The overall goal is a single international standard.

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

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