



**Standards Advisory and
Coordination Committee
(SACCOM)**



March 5, 2001

Compilation of SACCom Representative Reports

<p>CISPR B Title: “Industrial, Scientific, and Medical Radio Frequency Apparatus” Representatives: Dan Hoolihan</p>	<p><u>Current Activities:</u> Low Level Activity <u>New Work Items proposed/approved:</u> United States TAG for CISPR B is preparing for CISPR meetings in Bristol, England in June of 2001. A US TAG-B meeting that was scheduled for February 13 has been postponed until May 14th. A full report on this meeting will be generated for the June EMCS Board of Directors meeting.</p>
<p>CISPR H Title: Limits for the protection of radio services Representative: Werner Schaefer</p>	<p><u>Current activities:</u> Developing a rationale for the setting of emission limits Conducting a survey of EMC product standards on emissions Building an archive of justification of limits that exceed the generic emissions limits <u>Additional Comments:</u> This work will be used to develop emissions limits for frequency ranges which are currently not covered (e.g. above 1 GHz)</p>
<p>IEC TC77 Title: “Standardization in the field of EMC” Representatives: Prof. Michel Ianoz</p>	<p><u>Current Activities:</u> SC77B and 77C : ▪ Development of basic and generic EMC standards, ▪ Horizontal function by providing product committees with specific input related to EMC ACEC: ▪ Harmonize the EMC work between IEC TCs <u>Standards/Revisions recently voted on:</u> 77B/298/RVD: Approved – Publication Amendment to 61000-4-x – Editorial revision of clause 9: Test results and test report 77B/300/RVD: Approved – Publication Amendment to 61000-4-4, -5, -8,-9, -10, -11, -12 – Subclause 8.1.1: Climatic conditions 77B/299/RVD: Approved – Publication Amendment A2 f3 to IEC 61000-4-2 <u>Scheduled Near Projects:</u> 61000-4-20, Ed.1 ▪ Testing and measurement techniques - TEM cells, TRANSFERED to responsibility of CISPR/A in JTF CISPR/A – 77B 61000-4-21, Ed.1, Testing and measurement techniques – Reverberation chambers, TRANSFERED to responsibility of CISPR/A in JTF CISPR/A – 77B</p>

	<p><u>Additional Comments:</u></p> <p>ACEC September 2000 meeting decision:</p> <ul style="list-style-type: none"> ▪ Nominate Prof. M. Ianoz coordinator of the Product Standard review process. <p>ACEC September 2000 meeting recommendations:</p> <ul style="list-style-type: none"> ▪ The Central Office of the IEC is invited to negotiate an agreement with ISO as soon as possible ▪ Harmonization work of ESD standards between 77B and TC101 is noted with satisfaction
<p>SAE AE-4</p> <p>Title: Aerospace Electromagnetic Environmental Effects (E³), Chairman Representative: Gary Fenical</p>	<p><u>Current Activities:</u></p> <p>a) 5 year review of several standards. Anyone interested in reviewing a document to determine if it needs to be reaffirmed, revised or cancelled, contact Gary Fenical</p> <p><u>New Work Item Proposals:</u></p> <p>a) Ecological Method for Measuring Radio Electronic Product Immunity to External Electromagnetic Fields had been sent out for comment.</p> <p><u>Scheduled Future Projects</u></p> <p>a) Low-cost Calibration Method for ESD Simulators</p>
<p>RTCA, SC 135</p> <p>Title: Maintain and Publish RTCA standard DO-160D - "Environmental Conditions and Test Procedures for Airborne Equipment" Representative: Erik J. Borgstrom</p>	<p><u>Current Activities:</u></p> <p>a) On-going updates and revisions to DO-160</p> <p><u>Standards/revisions Recently Voted On:</u></p> <p>a) Change Notice 1 to DO-160D</p> <p><u>Activities requiring technical support of the EMC-S:</u></p> <p>a) Review of DO-160D Change Notice 1, Section 20 - Radio Frequency Susceptibility (Radiated and Conducted)</p> <p><u>Additional Comments:</u></p> <p>Section 20 has been completely revised and now includes:</p> <ul style="list-style-type: none"> ▪ Radiated RF test levels up to 7200 V/m ▪ A completely new Mode-Tuned test procedure
<p>IEEE SCC28</p> <p>Title: "Develop Standards relating to EMF and Human Exposure" Representative: David Baron, PE</p>	<p><u>Current Activities:</u></p> <p>Revising C95.1 (major revision), preparing to issue ballot on revision to IEEE C95.3-199, developing draft Recommended Practice relating to Workplace Safety Programs (RF exposures), developing low frequency (0-3kHz) standard for human exposure.</p> <p><u>Recently published Standards:</u></p> <p>a) IEEE C95.1-1999 (Clarification of 1991 issue)</p> <p><u>Additional Comments:</u></p> <p>Next meeting of SCC28 planned for 8-10 June in conjunction with the Bioelectromagnetics Society meeting in St Paul, MN, USA.</p>