



May 24, 2002

Compilation of SACCom Representatives' Reports

<p>CISPR H</p> <p>Title: Limits for the protection of radio services</p> <p>Representative: Werner Schaefer</p>	<p><u>Current activities:</u></p> <ul style="list-style-type: none">a) Developing a rationale for the setting of emission limits above 1 GHzb) Questionnaire on the need for emission limits between 9 kHz and 150 kHz in the generic emission standards IEC 61000-6-3 and IEC 61000-6c) Building a database on the characteristics of radio services <p><u>New Work Items proposed/approved:</u></p> <ul style="list-style-type: none">a) Maintenance of 61000-6-3 and 61000-6-4 (Emission standard for industrial environments). These are viewed as maintenance activities to 61000-6-3/4; therefore, no new work items need to be approved <p><u>Additional Comments:</u></p> <ul style="list-style-type: none">a) The project related to establishing a rationale for the definition of limit lines has a significant effect on the determination of limits for measurements above 1 GHz. This project tries to establish the required protection ratios for digital communications systems.
<p>RTCA Special Committee 135 (SC-135)</p> <p>Title: Environmental Conditions and Test Procedures for Airborne Equipment</p> <p>Representative: Erik J Borgstrom</p>	<p><u>Current activities:</u></p> <ul style="list-style-type: none">a) On-going updates and revisions to DO-160 <p><u>New Work Items proposed/approved:</u></p> <ul style="list-style-type: none">a) Next Rev. (E) is scheduled for release 12/2002 <p><u>Scheduled Future Projects:</u></p> <ul style="list-style-type: none">a) New Radiated RF Emissions test procedure using a Reverb Chamberb) New Lightning Induced Transients requirements for Multiple-Burst and Multiple-Stroke effects
<p>Information Technology Industry Council (ITIC), TC5</p> <p>Title: EMC in Information Technology Equipment</p> <p>Representative: Ghery S. Pettit</p>	<p><u>Current activities:</u></p> <ul style="list-style-type: none">a) Updates to ANSI C63.4-2000b) Track and influence work of CISPR SC A and SC I through the USNC IECc) Influence regulatory processes in various countries <p><u>Standards/Revisions recently voted on:</u></p> <ul style="list-style-type: none">a) Latest revision to ANSI C63.4b) Latest revision to ANSI C63.5

IEC TC77

Title:

Standardization in the field of EMC

Representative:

ACEC member, SC77B
Chairman

Current activities:

SC77B and SC77C:

- a) Development of basic and generic EMC standards,
- b) Horizontal function by providing product committees with specific input related to EMC

ACEC:

- a) Harmonize the EMC work between IEC TCs

Standards/Revisions recently voted on:

SC77B :

- a) 61000-4-3 "Radiated radio frequency EM field immunity test" FDIS of the amendment on calibration of the field published on 02/04/19.
- b) 61000-4-6 "Immunity to conducted disturbances induced by radio-frequency fields": second edition prepared and issued as 77B/345/CDV in February 2002.
- c) 61000-4-20 "Emission and Immunity Testing in TEM Waveguides": CDV issued as CISPR/A/343/CDV and as 77B/341/DC on 2001-12-07; vote close: 5 May 2002.
- d) 61000-4-21 "Reverberation chamber test methods": Second CD issued in Aug. 2001 as CISPR/A/325/CD. Compilation of comments issued in January 2002 as CISPR/A/345/CC. CDV expected in May 2002.

Recently Published Standards:

SC77B :

- a) 61000-4-3 "Radiated radio frequency EM field immunity test": 2nd edition including the 3rd amendment on a test above 1 GHz