



November 15, 2002

*Compilation of SACCom Representatives' Reports as of
November 15, 2002*

<p>CISPR B</p> <p>Title: Interference Relating to Industrial, Scientific, and Medical Radio Frequency Apparatus</p> <p>Representative: Daniel D. Hoolihan</p>	<p><u>New Work Items proposed/approved:</u></p> <ul style="list-style-type: none">a) Proposed relaxation of limits for microwave ovens and other magnetron driven equipment; proposed raising the limits to Class A levels. Still under discussion, Japan will resend as a Committee Draft for Voting.b) Emission limits on industrial electro-heating equipment were discussed especially with respect to 10 meter and 30 meter measurement distances. A new Committee Draft proposal will be circulated for comments.c) Group 1 and Group 2 products will be revised by a Working Group in CISPR B. Also, the use of an artificial hand for hand-held equipment will be considered via the Committee Draft route.d) A proposal by the USA to clarify the regulation of microwave powered ultraviolet irradiators between CISPR 11 and CISPR 15 was tabled until the release of the next version of CISPR 15. <p><u>Standards/Revisions recently voted on:</u></p> <ul style="list-style-type: none">a) Requirements for arc welding equipment were voted on to be added to CISPR 11; the vote closed 17 July but results are not yet known. They will be included in Edition 4; if approved. <p><u>Scheduled Future Projects:</u></p> <ul style="list-style-type: none">a) RF Lighting, Electric Heating, Alternate test sites, special medical equipment.
<p>CISPR I</p> <p>Title: EMC of Information Technology Equipment, Multimedia Equipment, and Receivers</p> <p>Representative: David Traver</p>	<p><u>Current Activities:</u></p> <ul style="list-style-type: none">a) Task Force meeting scheduled for December intended to outline a new IEC/CISPR multimedia emissions standard which should replace CISPR 13 and 20 within 3 to 6 years
<p>IEC TC77 & ACEC</p> <p>Title: "Standardization in the field of EMC"</p> <p>Representatives: Prof. Michel Ianoz</p>	<p><u>Current Activities:</u></p> <ul style="list-style-type: none">a) Development of basic and generic EMC standards, horizontal function by providing product committees with specific input related to EMC.b) Concerning the review of product standards by EMC experts from TC77 : ACEC April 2000 meeting decisions :<ul style="list-style-type: none">▪ The document review procedure is effective from April 2000.▪ Each document will have a principal reviewer.▪ The complete review is transmitted to the Secretary of ACEC.▪ The Secretary of ACEC sends the review to the Product Committee.▪ Depending on the response of the Product Committee :<ul style="list-style-type: none">- direct contact between the Committee and the reviewer.- ACEC asks the Committee to attend next meeting and explain disagreements. <p><u>New Work Items proposed/approved:</u></p>

- a) 77C/76/NP, 77C/85/RVN: **Approved:** HEMP immunity for indoor equipment.
- b) 77C/82/NP, 77C/86/RVN **Approved:** Methods and means of measurements of high power transient parameters.

Standards/Revisions recently voted on:

- a) 77B/291/FDIS: Amendment to 61000-4-x Editorial revision of clause 9: Test results and test report. Closing date for comment or vote: 2000-08-15
- b) 77B/293/FDIS: Amendment to 61000-4-4,-5,-8,-9,-10,-11,-12 Subclause 8.11: Climatic conditions. Closing date for comments or vote: 2000-08-15.
- c) 77B/292/FDIS: Amendment to 61000-4-2 Closing date for comment vote: 2000-08-15

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- d) 61000-4-6 "Immunity to conducted disturbances induced by radio-frequency fields": the CDV of the revised Ed. 2, was accepted by 74% of the votes on 2002/08/23.

Comment: the CDV was approved, but a few National Committees with an important activity in the standardization area, voted against: France, Italy, Netherlands, Switzerland, USA, UK.

- e) 61000-4-12 "Oscillatory waves immunity test" : a first CD was published and circulated for vote in the NCs. Only 2 of the 3 separate Normative Annexes i.e. the Ring Wave test and the Oscillatory wave test up to 1 MHz have been written. The Annex which should describe the Oscillatory wave test up to 50 MHz, was not included in this CD as required by the the 77B meeting in Florence. This resulted in several very strong negative comments from NCs, which should be discussed at the next WG11 meeting in November.

Scheduled Near Projects:

- a) **ACEC:** decision of April meeting : set up of a procedure for reviewing the EMC aspects of product standards.
- b) **77C** : Potential new projects on High Power Electromagnetics :
 - Test techniques for high power electromagnetic effects
 - Protection techniques from high power electromagnetic effects