



February 3, 2002

## *Compilation of SACCom Representatives' Reports*

<p><b>CISPR H</b></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"><li>a) Developing a rationale for the setting of emission limits</li><li>b) Conducting a survey of EMC product standards on emissions</li><li>c) Conducting a survey on the necessity of limits between 9 kHz and 150 kHz in generic emissions standards</li><li>d) Building an archive of justification of limits that exceed the generic emissions limits</li></ul> <p><u>Additional Comments:</u></p> <p>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. The proposed model however assumes a worst-case approach for interference cases; this leads to considerably lower limits, compared to the current FCC limits. This project is currently a committee draft (CD) and will be published as such in February 2002. It remains to be seen if the rationale will be modified or carried forward.</p>
<p><b>IEEE SCC34</b></p> <p>Title: "Product performance Standards Relative to the Safe use of Electromagnetic Energy"</p> <p>Representative: R. C. Petersen</p>	<p><u>Current activities:</u></p> <ul style="list-style-type: none"><li>a) Recommended Practice P1528 - Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques</li></ul> <p><u>Standards/Revisions recently voted on:</u></p> <ul style="list-style-type: none"><li>a) P1528 – Approved by Working Group (Subcommittee 2) and should be moved to SCC-34 for Sponsor ballot in April. (Harmonized with IEC TC106 RT62209 - Procedure to determine the Specific Absorption Rate (SAR) for hand-held mobile telephones in the frequency range of 300 MHz to 3 GHz</li></ul> <p><u>Scheduled Future Projects:</u></p> <ul style="list-style-type: none"><li>a) P1529 - Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Computational Techniques</li></ul>
<p><b>SAE AE 4</b></p> <p>Title: "Aerospace EMC"</p> <p>Representatives: Gary Fenical</p>	<p><u>Current Activities:</u></p> <ul style="list-style-type: none"><li>a) No change since last report</li></ul> <p><u>Standards/Revisions recently voted on:</u></p> <ul style="list-style-type: none"><li>a) ARP5889 - Alternative (Ecological) Method for Measuring Radio Electronic Product Immunity to External Electromagnetic Fields</li></ul> <p><u>Activities requiring technical support of the EMC-S:</u></p> <ul style="list-style-type: none"><li>a) Possible assistance on review of standards up for 5 year review:</li></ul>

**ISO TC-20, SC14, WG1**

Title:

"Space Systems EMC"

Representatives:

Noel B. Sargent

Current Activities:

- a) Final editorial process for system standard – see below
- b) Provide working draft of New Work Item on equipment level test methods

New Work Items proposed/approved:

- a) NWI 214 – Equipment level test methods

Standards/Revisions recently voted on:

- a) DIS 14302 "Space Systems – Electromagnetic compatibility requirements"

Vote closed 17 OCT 01 approved unanimously

Scheduled Future Projects:

- a) NWI 214 – Equipment level test methods