



**ELECTROMAGNETIC COMPATIBILITY SOCIETY  
STANDARDS COMMITTEE CORRESPONDENCE**

PLEASE REPLY TO:  
Donald Heirman  
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Date: November 13, 1998  
To: IEEE EMCS Board of Directors  
From: Donald Heirman  
Subject: IEEE EMCS Standards Committee Report

The following pages contain the latest Report to the Board of Directors regarding the EMCS Standards Committee activities. The report includes:

1. A one-page summary of the previous IEEE EMCS Standards Committee meetings held in conjunction with the EMC Symposia in Rome, Italy, September 18, 1998.
2. The first two pages of the meeting minutes, which includes the attendance and Final Agenda.
3. A two page copy of the September 18, 1998 presentation on EMCS Standards Status Report.
4. A copy of the proposed Agenda for the November 13, 1998 EMCS SCOM meeting.
5. An updated two-page listing of the SCOM membership and Working Group Chairs.

Respectfully,

Donald Heirman  
IEEE EMCS Standards Committee - Chair

**ELECTROMAGNETIC COMPATIBILITY SOCIETY  
STANDARDS COMMITTEE CORRESPONDENCE**

PLEASE REPLY TO:

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November 6, 1998

SUMMARY OF THE IEEE

EMCS STANDARDS COMMITTEE MEETINGS.

Friday September 18, 1998

La Sapienza – University of Rome, Italy

The following is a brief summary of the attached minutes, which highlight the key points and issues raised at the meetings.

- The meeting had a total attendance of 13, 6 SCOM members and 7 guests.
- Standards 139, 140, 187, 299, 376, 377, 473, 1128, 1140, 1302 and 1309 are current with no W/G activity. Standard 1140 will require re-affirmation ballot before 1999.
- Standard 213 has completed re-affirmation by the IEEE Standards Board. John Osburn is looking to establish a new PAR for LISN construction details.
- Standard 475 is still a “work in progress”. Establishing a final document and routing for confirmation is required. John Osburn submitted the formal documentation for change of W/G Chair. The standard was re-affirmed in 1994.
- PAR 1530 is active work led by Bud Hoeft for establishing cable connector shielding measurement guidelines.
- Progress is being made on Policy & Procedures and Operations Manuals and preliminary audit findings.
- The Chair gave a presentation of EMC Standards Organization, Standards Status and Standards development process.

Respectfully Submitted,

David L. Traver - Secretary EMCS SCOM

November 6, 1998

MINUTES OF THE IEEE  
EMCS STANDARDS COMMITTEE MEETING.  
Friday September 18, 1998  
La Sapienza, University of Rome, Italy

MEMBERS PRESENT

Donald N. Heirman	Chair	David Traver	Secretary
Donald Sweeney	Email/Coordination	Andrew Drozd	
Joe Butler	Policy/Procedures	Dan Hoolihan	Awards Co-Chair

MEMBERS ABSENT

Stephen Berger	Vice Chair (proxy to DH)	John Kraemer	(proxy to DT)
Ralph Showers	(proxy to DH)	Ed Bronaugh	(proxy to DH)
Risaburo Sato	(proxy to DT)	John Osburn	(proxy to DS)
Thurman Ritenour	Awards Co-Chair (proxy to Hoolihan)		
Hugh Denny	(P1302) (proxy to DT)		

OTHERS PRESENT

T. Yoshino	IEEE Member	K. Williams	Education
B. Gjertson	IEEE Member	I. Dittrich	IEEE Member
F. Caspers	IEEE Member	Gary Fenecal	IEEE Member
F. Meyer	IEEE Member		

ADDITIONAL MINUTES DISTRIBUTION

Sue Vogel	IEEE Liaison	Janet O'Neil	EMCS Sec.
Todd Hubing	TAC		

**ELECTROMAGNETIC COMPATIBILITY SOCIETY  
STANDARDS COMMITTEE CORRESPONDENCE  
La Sapezia, Rome Italy - SCOM Meeting  
September 18, 1998- Final Agenda**

0.0	Call to Order -	Heirman
1.0	Introduction & Approval of Agenda	Heirman
2.0	Approval of Minutes – Denver, CO August 24 & 26, 1988	Traver
3.0	Policy & Procedures – Approval	Butler
4.0	Operations Manual – Update & Review of Organization Chart	Heirman
5.0	VP of Standards Organization	Heirman
6.0	SCOM Officer Nomination Committee	Sweeney
7.0	IEEE SCOM P&P Audit	Drozd
8.0	Review of Standards Status	
	STD 139 -Rec. Meas. of RF from ISM Equip	(Current)
	STD 140 -Interference from Radio Htg Equip	(Current)
	STD 187 -FM and TV Broadcast Receivers	(Current)
	STD 213 -Cond. Emissions TV & FM Receivers	(Current)
	P299 -Effectiveness of Shielded Enclosures	(Current)
	STD 376 -Meas. of Impulse Strength/Bandwidth	(Current)
	STD 377 -Land Mobile Communication Xmtrs	(Current)
	STD 473 -Site Survey	(Current)
	P475 -Meas. for Field Disturbance Sensor	(Gisin/Osburn)
	P1128 -RF Absorber	(Current)
	STD 1140 -ELF/VLF VDT	(Current)
	P1302 -Gasket Effectiveness	(Current)
	STD1309 -Cal. of EM Probes & Sensors	(Current)
	P1530 -Cable & Connector Cal. Artifacts	(Hoefl)
9.0	Action Items	Traver
10.0	Next Meeting	Heirman
11.0	Adjournment	Heirman

**ELECTROMAGNETIC COMPATIBILITY SOCIETY  
STANDARDS COMMITTEE CORRESPONDENCE  
November 13, 1998 New Brunswick, NJ  
PROPOSED AGENDA**

0.0 Call to Order -		Heirman
1.0 Approval of Agenda		Heirman
2.0 Approval of Minutes –		
2.1 Review Denver, CO August 24 &26, 1988		Traver
2.2 Approval of Rome Italy, September 18, 1998		Traver
3.0 Policy & Procedures – Approval of Sept 25, 1998 Version		Butler/Drozd
4.0 Operations Manual – Update & Review		Denny
5.0 SCOM P&P Audit – final report		Drozd
6.0 Secretary support for 1999		Heirman
7.0 SCOM Officer Nomination Committee – Ballot Plan Presentation		Sweeney
8.0 Review of Standards Status		
STD 139	-Rec. Meas. of RF from ISM Equip	(Current)
STD 140	-Interference from Radio Htg Equip	(Current)
STD 187	-FM and TV Broadcast Receivers	(Current)
STD 213	-Cond. Emissions TV & FM Receivers	(Current)
P299	-Effectiveness of Shielded Enclosures	(Current)
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P1128	-RF Absorber	(Current)
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P1302	-Gasket Effectiveness	(Current)
STD1309	-Cal. of EM Probes & Sensors	(Current)
P1530	-Cable & Connector Cal. Artifacts	(Hoefl)
9.0 Awards Report		Ritenour
10.0 Presentation of VP for Standards Organization		Heirman
10.1SDCom – Standards Development Committee – Formerly the Standards Committee		
10.2SETCom – Standards Education and Training Committee-Denny		
10.3SACCom- Standards Advisory and Coordination Committee- Hoffman		
11.01999 Meeting Schedule		Heirman
12.0Adjournment		Heirman



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**ELECTROMAGNETIC COMPATIBILITY SOCIETY  
STANDARDS COMMITTEE CORRESPONDENCE**



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Date: 98.9.15  
To: Donald Heirman  
From: Dave Traver - EMCS Standards Committee Secretary  
Subject: EMCS Standards Status

<u>STD / DATE / TITLE</u>	<u>STATUS / W/G CHAIR</u>
STD 139 -1988 IEEE Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on the Users Premises	Reaffirmed 1998 - Secretary
STD 140-1990 IEEE Recommended Practice for the Minimization of Interference from Radio Frequency Heating Equipment (ISBN 1-55937-043-2)	Reaffirmed 1995 - Secretary
STD 187-1990 IEEE Standard on Radio Receivers: Open Field Method of Measurement of Spurious Radiation from FM and Television Broadcast Receivers (ISBN 1-55937-062-9)	Reaffirmed 1995 -Secretary
STD 213-1987 IEEE Standard Procedure for Measuring Conducted Emissions in the Range of 300kHz to 25MHz from Television and FM Broadcast receivers to Power Lines (ANSI recognized)	Reaffirmed 1998 - Secretary Submitted Re- Affirm ballot
STD 299-1991 IEEE Standard Method of Measuring the Effectiveness of Electromagnetic Shielding Enclosures (ANSI recognized)(ISBN 55937-108-0)	Published 1998 Svetanoff
STD 376-1975 IEEE Standard for the Measurement of Impulse Bandwidth (ANSI recognized)	Reaffirmed 1998 - Secretary
STD 377-1980 (Reaff 1991) IEEE Recommended Practice for Communication Transmitters (ANSI recognized)	Reaffirmed 1997

STD 473-1985 (Reaff 1991) IEEE Practice for an Electromagnetic Site Survey (10kHz to 10 GHz) (ANSI recognized)	Reaffirmed 1997 - Secretary
STD 475-1983 (Reaff 1994) IEEE Measurement Procedure for Field Disturbance Sensor (rf Intrusion Alarm) (ANSI Recognized)	Due Oct 30, 98 Temporary W/G Chair J. Osburn
STD 1128 IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz	Published 1998 J. Perini
STD 1140-1994 Standard Procedures for the Measurement of Electric and magnetic Fields from Video Display Terminals (VDT'S) from 5Hz to 400kHz	Affirmed 1994 - Secretary
STD 1302 Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18GHz	Published 1998 Hugh Denny
STD 1309-1996 IEEE Standard Method for the Calibration of Electromagnetic Field Sensors and Field Probes, Excluding Antennas, from 9 kHz to 40GHz	Published '96 W/G Chair J. Kraemer
PAR 1530 – Recommended Practice for the Design and Construction of Calibration Artifacts for Cable and Connector Shielding Test Fixtures for Frequencies from 1 Hz to 10 GHz	Active PAR W/G Chair –L.Hoefl

Best regards,

David L. Traver  
IEEE EMCS SCOM Secretary

**IEEE EMCS STANDARDS COMMITTEE MEMBERS**
**98.11**

1	<p>Donald N. Heirman - CHAIR                      IEEE Membership # 6773311                      143 Jumping Brook Road                      Lincroft, NJ 07738-1442                      Phone 732 / 741-7723 home                      Fax 732 / 530-5695 home                      email d.heirman@worldnet.att.net</p>	2	<p>H. Stephen Berger - VICE CHAIR                      IEEE Membership # 02922334                      Siemens - MS A-110                      2205 Grand Avenue Parkway                      Austin, TX 78728-3811                      Phone 512 / 990-6147 work                      512 / 869-8430 home                      Fax 512 / 990-6335 work                      email stephen.berger@siemenscom.com</p>
3	<p>Dave Traver - SECRETARY                      IEEE Membership # 00511246                      Sony Electronics Inc, M/Z 5170                      16450 W. Bernardo Drive                      San Diego, CA 92127-1898                      Phone 619 / 673-2601 work                      619 / 985-8287 cell                      619 / 451-2197 home                      Fax 619 / 674-5967 work                      email david_traver@ccmail.sgo.sony.com</p>	4	<p>Dan Hoolihan                      IEEE Membership # 02934594                      TuV Product Service, Suite 104                      1775 Old Highway 8 NW                      New Brighton, MN 55112-1891                      Phone 651 / 638-0250 work                      651 / 257-2074 home                      Fax 651 / 638-0285 work                      email dhoolihan@tuvps.com</p>
5	<p>John D. Osburn - W/G COORDINATOR (P475)                      IEEE Membership # 02578854                      The Electro-Mechanics Co.                      2205 Kraemer Lane, Austin, TX 78758-4047                      Phone 512 / 835-4684, ext. 669 work                      512 / 336-8713 home                      Fax 512 / 339-4517 work                      512 / 336-8728 home                      Email john.osburn@emctest.com</p>	6	<p>Joe Butler - POLICY &amp; PROCEDURE                      IEEE Membership # 5330915                      Parker Chomerics                      77 Dragon Ct., Woburn, MA 01888                      Phone 781 / 939-4267 work                      678 / 468-0080 home                      Fax 781 / 938-5071 work                      Email jbutler@parker.com</p>
7	<p>Hugh Denny (P1302)                      IEEE Membership # 05782941                      2528 LaVista Road, Decatur, GA 30033                      Phone 404 / 894-0422                      Fax: 404 / 894-7358                      Email hugh.denny@gtri.gatech.edu</p>	8	<p>Risaburo Sato                      IEEE Membership # 15953339LF                      Faculty of Engineering - Tohoku Gakuin University                      13-1, Chuo 1-Chome, Tagajo Miyagi 985 JAPAN                      Phone (011-81)-022 / 368-1215                      Fax (011-81)-022 / 368-7070                      email sato@emc-L.co.jp</p>
9	<p>Ralph Showers                      IEEE Membership # 161695                      University of Pennsylvania                      Moore School of Electrical Engineering - D2                      Philadelphia, PA 19104-6390                      Phone 215 / 898-8123 work                      Fax 215 / 573-2068 work                      showers@pender.ee.upenn.edu</p>	10	<p>Edwin L. Bronaugh                      IEEE Membership # 6014849                      Siemens                      10210 Prism Drive, Austin, TX 78726-1364                      Phone 512 / 258-6687 home                      512 / 990-6673 work                      Fax 512 / 990-6335 work                      Email: edwin.bronaugh@siemenscom.com</p>
11	<p>Donald L. Sweeney                      IEEE Membership # 04181178                      D.L.S. Electronic Systems Inc.                      1250 Peterson Avenue, Wheeling, IL 60090                      Phone 847 / 537-6400 work                      847 / 724-3044 home                      Fax 847 / 537-6488 work                      email d.sweeney@dlsemc.com</p>	12	<p>John G. Kraemer (P1309)                      IEEE Membership # 07988884                      Rockwell Collins- M/S 106-183                      350 Collins Road. NE, Cedar Rapids, IA 52498                      Phone 319 / 295-4681 work                      319 / 373-0125 home                      Fax 319 / 295-5429 work                      email jgkraeme@collins.rockwell.com</p>
13	<p>Andrew Drozd                      IEEE Membership # 02266807                      ANDRO Consulting                      7755 Turin Road, Rome, NY 13440                      Phone 315 / 337-4396                      Fax 315 / 337-4396                      Email androl@aol.com</p>	14	<p>TJ "Bill" Ritenour                      IEEE Membership # 01202159                      EMC Compliance LLC                      872 Racquet Lane, Boulder, CO 80303                      Phone 303 / 543-7404 work                      303 / 543-8323 home                      Fax 303 / 494-0874 work                      email emccomply@aol.com</p>

# IEEE EMCS STANDARDS COMMITTEE

98.11

## CHAIRMEN AND VICE CHAIRMEN OF WORKING GROUPS

<p>SEE COMMITTEE SECRETARY FOR STANDARDS 139, 140, 187, 213, 376, 377, 473,1140,1309</p>	
<p>Dale Svetanoff (P299) IEEE Membership # 08597346 Lindgren RF Enclosures 400 High GroveBlvd., Glendale Heights, IL 60139 Phone 630 / 307-7200 ext 1054 Fax 630 / 307-7571 Email svetanof@mc.net</p>	<p>Dheena Moongilan (P1385) IEEE Membership # 08597445 Bell Laboratories – Lucent Technologies Building 11B-144 Crawfords Corner Road Holmdel, N.J. 07733 Phone 732 / 834-1806 work 732 / 308 4297 home Fax 732 / 834-1830 work moongilan@lucent.com</p>
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