



**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS COMMITTEE CORRESPONDENCE**

PLEASE REPLY TO:
Donald Heirman
143 Jumping Brook Road
Lincroft, NJ 07738-1442
Tel: 732/834-1801
Fax: 732/530-5695

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:

David L. Traver

Sony Electronics MS - 5050

16450 West Bernardo Drive

San Diego, CA 92127-1898

Phone: 619-673-2601

Cellular: 619-985-8287

Fax: 619-674-5967

Email: david_traver@ccmail.sgo.sony.com

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 Sapienza, 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	(Hoeft)
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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P1302	-Gasket Effectiveness	(Current)
STD1309	-Cal. of EM Probes & Sensors	(Current)
P1530	-Cable & Connector Cal. Artifacts	(Hoeft)
9.0 Awards Report		Ritenour
10.0 Presentation of VP for Standards Organization		Heirman
10.1 SDCom – Standards Development Committee – Formerly the Standards Committee		
10.2 SETCom – Standards Education and Training Committee-Denny		
10.3 SACCom- Standards Advisory and Coordination Committee- Hoffman		
11.0 1999 Meeting Schedule		Heirman
12.0 Adjournment		Heirman



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STANDARDS COMMITTEE CORRESPONDENCE**

David L. Traver
Sony Electronics MS - 5170
16450 West Bernardo Drive
San Diego, CA 92127-1898
Phone: 619-673-2601
Cellular: 619-985-8287
Fax: 619-674-5967
Email: david_traver@ccmail.sgo.sony.com

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.Hoeft

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 & 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 andro1@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>
<p>Lothar “Bud” Hoeft (P1530) IEEE Membership # 04742722 Consultant, Electromagnetic Effects 9013 Haines Ave. NE Albuquerque, NM 87112 Phone 505 / 298-2065 Fax 505 / 298-2065 Email budhoeft@rt66.com</p>	<p>Dr. Jose Perini (P1128) Consultant October – April: 5207 S. Atlantic Ave. Apt. 1221 New Smyrna Beach, FL 32169-4558 Phone 904 / 426-5446 Fax (call before sending Fax for setup) May – September: 34 Chardonnway Ogdensburg, NY 13669-4221 Phone 315 / 393-4277 email jperini@syr.edu</p>

IEEE EMCS STANDARDS COMMITTEE - LIASONS

<p>Sue Vogel - IEEE Liaison IEEE 445 Hoes Lane PO Box 1331 Piscataway, NJ 08855-1331 Phone 732-562-3817 Fax 732 562-1571 email s.vogel@ieee.org</p>	<p>Janet O’Neil - EMCS BoD Secretary Lindgren RF Enclosures, Inc. 22117 NE 10th Place Redmond, WA 98053 Phone 206 868-2558 Fax 206 868-0547 email j.n.oneil@ieee.org</p>
<p>Kimbell Williams - Education Liaison Eaton Corporation 26201 Northwestern Highway Southfield, MI 48037 Phone 248 354-2845 Fax 248 208-2018 email k.williams@ieee.org</p>	<p>Todd Hubing – TAC Liaison Dept. of Electrical Engineering University of Missouri-Rolla Rolla, MO 65401 Phone 573 341-6969 Fax 573 341-4532 email t.hubing@ieee.org</p>