



**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS DEVELOPMENT COMMITTEE CORRESPONDENCE**

PLEASE REPLY TO:
Donald Heirman
143 Jumping Brook Road
Lincroft, NJ 07738-1442
Tel: 732/741-7723
Fax: 732/530-5695
Email: d.Heirman@worldnet.att.net

Date: August 1, 1999
To: IEEE EMCS Vice President for Standards
From: Donald N. Heirman
Subject: IEEE EMCS Standards Development Committee Report

The following pages contain the latest report to the Vice President regarding the EMCS Standards Development Committee activities. The report includes:

1. A two-page summary of the previous IEEE EMCS Standards Development Committee meetings held in conjunction with the EMC BoD meetings at Chuo University in conjunction with the Tokyo EMC Symposia. The first page is an executive summary of the meeting, and the following page is the attendance.
2. A copy of the proposed Agenda for the August 2 and 4, 1999 EMCS SDCOM meetings.
3. A two page copy of the August 1, 1999 EMCS Standards Status Report.
4. An updated August 1999 two-page listing of the SDCOM membership and Working Group Chairs.

Respectfully,

Donald Heirman
IEEE EMCS Standards Development Committee - Chair

**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS DEVELOPMENT 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@cmail.sony.

May 26, 1999
SUMMARY OF THE IEEE
EMCS STANDARDS DEVELOPMENT COMMITTEE MEETING
May 19th, 1999
Tokyo, JAPAN

The following is a brief summary of the attached minutes:

- The meeting had a total attendance of 22 attendees, 7 SDCOM members and 15 guests. The secretary had 4 proxies from absent committee members.
- The Chair gave a presentation of EMC Standards development process.
- The Secretary presented IEEE EMCS Standards on-line collection by actual Web access display.
- Alexander Worshevsky made a special presentation on EMCS measurements, visiting his Web site <http://private-win.convey.ru/elemcom/> and providing interactive training programs.
- Standards 139 completed re-affirmation. Standard 1140 is started the re-affirmation process.
- Standards 140, 187, 299, 376, 377, 473, 1128, 1302 and 1309 are current with no W/G activity.
- Standard 213 was withdrawn and C63 reference will need to be eliminated.
- Standard 475 is finally making progress with new W/G Chair Hugh Denny. Hugh is addressing key concerns and modification of the document and routing for confirmation is required. The standard was re-affirmed in 1994.
- PAR 1530 is active work led by Bud Hoeft for establishing cable connector shielding measurement guidelines. There was a concern raised on the visibility of a formal document outline.
- Progress is being made on a new proposed Filter PAR – work proposed by Kermit Phipps. He will make a formal presentation at Seattle SDCOM meetings in August 1999.
- Progress is being made on Policy & Procedures and Operations Manuals and preliminary audit findings.

Respectfully Submitted,

David L. Traver - Secretary EMCS SDCOM

**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS DEVELOPMENT COMMITTEE CORRESPONDENCE**

May 26, 1999

MINUTES OF THE IEEE
EMCS STANDARDS DEVELOPMENT COMMITTEE MEETING
May 19, 1999
Tokyo, JAPAN

MEMBERS PRESENT

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

MEMBERS ABSENT

Stephen Berger	Vice Chair (proxy to DT)	John Kraemer	(proxy to DT)
Ed Bronaugh		Ralph Showers	(proxy to DT)
Hugh Denny	(P1302) (proxy to DT)	Thurman Ritenour	Awards Co-Chair

OTHERS PRESENT

Elya B. Joffe	IEEE Member	Donald Bush	IEEE Member
Masahiro Inoue	Matsushita Electric	Alexander Worshevsky	St Petersburg -Tech.Univ.
Michirio Yoshida	Daikin Industries	Hiroyasu Ota	EMC Laboratories
Toru Harada	Murata Manufacturing	Masuo Okamura	Japan QA Organization
Yoji Nagasawa	Kagoshima University	Shinichi Shinohara	EMC Laboratories
Fujio Amemiya	NTT Lifestyle& ENV labs.	Norio Itoh	EMC Laboratories
Yoko Watanabe	EMC Laboratories	Gery S. Pettit	Intel Corp.
		Kazuhiro Takahashi	Olympus Japan

ADDITIONAL MINUTES DISTRIBUTION

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

ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS DEVELOPMENT COMMITTEE CORRESPONDENCE

Proposed Agenda

Part 1 Monday 8 am to 10 am
August 2, 1999 Seattle Convention Center

- | | |
|---|---------|
| 1. Call to Order | Heirman |
| 2. Introductions and Approval of Agenda | Heirman |
| 3. Policy and Procedures overview | Drozd |
| 4. Operations Manual Review | Denny |
| 5. Follow up Audit | Drozd |
| 6. Election of Officers for 2000 | Sweeney |
| 7. Demo of Standards On-Line | Traver |
| 8. Close of Meeting | Heirman |

Part 2 Wednesday 7:30am to 8:30 am
August 4, 1999 Seattle Convention Center

- | | |
|----------------------------------|---------|
| 9. Call to Order | Heirman |
| 10. Installation of New Officers | Heirman |
| 11. Review of Standards Status | Traver |
| STD 139 | |
| STD 140 | |
| STD 187 | |
| STD 213 | |
| STD 299 | |
| STD 376 | |
| STD 377 | |
| STD 473 | |
| P475 | Denny |
| STD 1128 | |
| STD 1140 | |
| STD 1302 | |
| STD1309 | |
| P1530 | Hoeft |
| 12. New PAR Proposal on Filters | Phipps |
| 13. Action Items | Traver |
| 14. Next Meeting | Heirman |
| 15. Adjournment | Heirman |



IEEE

**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS DEVELOPMENT 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@cmail.sgo.sony.com

Date: 99.8.1
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 by REVCOM 1999
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 Will not renew LISN after expiration in 2003
STD 299-1991 IEEE Standard Method of Measuring the Effectiveness of Electromagnetic Shielding Enclosures (ANSI recognized)(ISBN 55937-108-0)	Published 1998 - Svetanoff New PAR approved; WIP
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 - Secretary

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)	NESCOM approved PAR Hugh Denny
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	Re-Affirmed 1999 Ballot Comp. At REVCOM - 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 1996 - 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 WIP

Best regards,

David L. Traver
IEEE EMCS SDCOM Secretary

IEEE EMCS STANDARDS DEVELOPMENT COMMITTEE MEMBERS 99.8

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 Phone 512 / 990-6147 work 512 / 869-8430 home Fax 512 / 990-6335 work email sberger822@aol.com</p>
3	<p>Dave Traver - SECRETARY IEEE Membership # 00511246 Sony Electronics Inc, M/Z 5050 16450 W. Bernardo Drive San Diego, CA 92127-1898 Phone 858 / 673-2601 work 619 / 985-8287 cell 858 / 451-2197 home Fax 858 / 674-5967 work email david_traver@cmail.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>Joe Butler IEEE Membership # 5330915 Parker Chomerics 77 Dragon Ct., Woburn, MA 01888 Phone 781 / 939-4267work 978 / 468-0080 home Fax 781 / 938-5071 work Email jbutler@parker.com</p>	6	<p>Hugh Denny (P1302/475) IEEE Membership # 05782941 2528 LaVista Road, Decatur, GA 30033 Phone 404 / 894-3522 Fax: 404 / 894-7358 Email hugh.denny@gtri.gatech.edu</p>
7	<p>Prof. Risaburo Sato IEEE Membership # 15953339LF Electromagnetic Compatibility Research Laboratories Co., Ltd. 6-6-3, Minami-Yoshinari, Aoba-ku, Sendai 989-3204 JAPAN Phone (011-81)-22 / 279-3777 Fax (011-81)-22 / 297-3777 email sato@emc-l.co.jp</p>	8	<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 Email showers@pender.ee.upenn.edu</p>
9	<p>Edwin L. Bronaugh IEEE Membership # 6014849 EdB EMC Consultants 10210 Prism Drive, Austin, TX 78726-1364 Phone 512 / 258-6687 work 512 / 990-6673 home Fax 512 / 258-6982 work Email: edwin.bronaugh@siemenscom.com</p>	10	<p>Donald L. Sweeney IEEE Membership # 04181178 D.L.S. Electronic Systems Inc. 1250 Peterson Dr. Wheeling, IL 60090 Phone 847 / 537-6400 work 847 / 724-3044 home Fax 847 / 537-6488 work email dsweeney@dlsemc.com</p>
11	<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>	12	<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>
13	<p>Andrew Drozd - POLICY & PROCEDURE IEEE Membership # 02266807 ANDRO Consulting Services 7755 Turin Road, Rome, NY 13440 Phone 315 / 337-4396 Fax 315 / 337-4396 Email andro1@aol.com</p>		

**IEEE EMCS STANDARDS DEVELOPMENT COMMITTEE
CHAIRMEN AND VICE CHAIRMEN OF WORKING GROUPS**

99.8

<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, Inc. 400 High Grove Blvd., Glendale Heights, IL 60139 Phone 630 / 307-7200 ext. 1054 Fax 630 / 307-7571 Email svetanof@mc.net</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 / 848-5120 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 Chardonway Ogdensburg, NY 13669-4221 Phone 315 / 393-4277 email jperini@syr.edu</p>

IEEE EMCS STANDARDS DEVELOPMENT 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 425/ 868-2558 Fax 425/ 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 573 341-6069 Fax 573 341-4532 email t.hubing@ieee.org</p>