



**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS COMMITTEE CORRESPONDENCE**

PLEASE REPLY TO:
Donald Heirman
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Date: August 23, 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 IEEE EMC BoD meetings on April 26, 1998 at Seattle, WA.
2. The first two pages of the meeting minutes, which includes the attendance and Final Agenda.
3. A two page copy of the August 24, 1998 EMCS Standards Status Report.
4. A copy of the proposed Agenda for the August 24, 1998 EMCS SCOM meeting.
5. An updated two-page listing of the SCOM membership and Working Group Chairs based on 1998 reconfirmation.

Respectfully,

Donald Heirman
IEEE EMCS Standards Committee - Chair

ELECTROMAGNETIC COMPATIBILITY SOCIETY STANDARDS COMMITTEE CORRESPONDENCE

PLEASE REPLY TO:

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July 29, 1998

SUMMARY OF THE IEEE

EMCS STANDARDS COMMITTEE MEETING.

April 26, 1998

Westin – Seattle, WA

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, 8 SCOM members and 5 Guests. There were 7 SCOM proxies.
- Standards 139, 140, 187, 377, 473, 1140 and 1309 are current with no W/G activity.
- Standards 213 and 376 have passed 4 years since reconfirmation.. The SCOM Secretary completed 376 ballot without comment and 213 with one negative comment/ballot. Both standards now are being processed for final re-affirmation after resolution of the negative comment is completed. Both Standards need the action completed by the December 1998 IEEE Standards Board meeting. Dave Traver is looking to form a new W/G to begin the activity of updating 213 before its expiration by new FCC rules in June of 1999.
- Standard 299 is current, reconfirmed in 1991. Dale Svetanoff has resolved all of the negative ballot comments. He has now submitted the Proposed Standard Form to the IEEE.
- Standard 475 has not made further progress. Negative comments received on the 4th Draft and were not resolved in an acceptable “documented” manner. John Osburn is the new interim W/G Chair and has the action item to clear negative comments and re-circulate the standard if necessary before the May 1, 1998 target date and the Oct 30, 1998 RevCom date. The standard was re-affirmed in 1994.
- PAR 482-1992 was cancelled. Mr. Hoeft submitted a new PAR, which was approved by the IEEE as PAR 1530.
- PAR 1128 has completed the re-circulation and ballot activity successfully and was approved by RevCom on January 13, 1998..
- PAR 1302 had a passing ballot in early August, 98 and negative ballot comments were resolved. There was a motion to allow the IEEE the ability to resolve reference to a copyrighted figure (DEF STAN59-103) before the May 1, 1998 deadline. The W/G chair, Hugh Denny, has now submitted to the IEEE Standards Board for final action.
- PAR 1530 is the new work led by Bud Hoeft for establishing cable connector shielding measurement guidelines.
- The SCOM is working on improving documentation in preparation for potential IEEE audit.
- Clarification of SCOM Coordination activities with other national and inter-national standards bodies are ongoing.

Respectfully Submitted,

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MINUTES OF THE IEEE
EMCS STANDARDS COMMITTEE MEETING.
Sunday - April 26, 1998
Westin, Seattle, WA

MEMBERS PRESENT

Donald N. Heirman	Chair	David Traver	Secretary
Donald Sweeney	Email/Coordination	Andrew Drozd	
Joe Butler	Policy/Procedures	Dan Hoolihan	Awards Co-Chair
Thurman Ritenour	Awards Co-Chair	John Osburn	W/G Coordinator

MEMBERS ABSENT

Stephen Berger	Vice Chair (Proxy)	Risaburo Sato	(Proxy)
John Kraemer	(Proxy)	Ed Bronaugh	(Proxy)
Ralph Showers	(Proxy)	Hugh Denny	(P1302)(Proxy)
Bill McGinnis	(Proxy)		

OTHERS PRESENT

Henry Benitez	Tektronix	Kimball Williams	Education
H. R.Hoffman	Lucent Technologies	Warren Kesselman	
Takeo Yoshino	Fukui University		

ADDITIONAL MINUTES DISTRIBUTION

Sue Vogel	IEEE Liaison	Janet O'Neil	EMCS Sec.
Bill Gjertson	EMCS Pres.	Leo Makowski	RAC
Todd Hubing	TAC	Kimball Williams	Education

ELECTROMAGNETIC COMPATIBILITY SOCIETY STANDARDS COMMITTEE CORRESPONDENCE

Seattle, WA - SCOM Meeting April 26, 1998- *Final Agenda*

0.0	Call to Order -		Heirman
1.0	Introduction		Heirman
2.0	Approval of Minutes – Atlanta, GA, Nov. 7, 1997		Heirman
3.0	Policy & Procedures / Operations Manual		Butler
4.0	General SCOM Operation Issues		
4.1	SCOM 1998 Re-Confirmation		Traver
4.2	Coordination & Liaisons		Heirman
4.3	Distinctness of SCOM		Heirman
5.0	1998 Budget		
6.0	Review of Standards Activities		Traver
6.1	STD 139	-Rec. Meas. of RF from ISM Equip	(Current)
6.2	STD 140	-Interference from Radio Htg Equip	(Current)
6.3	STD 187	-FM and TV Broadcast Receivers	(Current)
6.4	STD 213	-Cond. Emissions TV & FM Receivers	(Current)
6.5	P299	-Effectiveness of Shielded Enclosures	(Current)
6.6	STD 376	-Meas. of Impulse Strength/Bandwidth	(Current)
6.7	STD 377	-Land Mobile Communication Xmtrs	(Current)
6.8	STD 473	-Site Survey	(Current)
6.9	P475	-Meas. for Field Disturbance Sensor	(Gisin/Osburn)
6.10	P485/New #	-Connector Shielding (PAR1530)	(L. Hoeft)
6.11	P1128	-RF Absorber	(Perini)
6.12	STD 1140	-ELF/VLF VDT	(Current)
6.13	P1302	-Gasket Effectiveness	(Denny)
6.14	STD1309	-Cal. of EM Probes & Sensors (Errata)	(Kraemer)
7.0	New Standard Requests		
7.1	Digital TV / FCC Measurement		
7.2	Coordination		
8.0	New SCOM Committee Membership		
8.1	August Elections- Officers SCOM		
8.2	Audit of SCOM P&P - November		(Drozdz)
8.3	Standards Association Membership – Required for ballot		
9.0	Next Meeting		
9.1	Denver Symposium August 24, 1998 (8 am-12 noon) & 26, 1998 (7:30am to 8:30am).		
10.0	Adjournment		

**ELECTROMAGNETIC COMPATIBILITY SOCIETY
STANDARDS COMMITTEE CORRESPONDENCE
Denver, CO – August 24 & 26
PROPOSED AGENDA**

MONDAY AUGUST 24, 1998

0.0	Call to Order -	Heirman
1.0	Introduction & Approval of Agenda Part 1 & 2	Heirman
2.0	Approval of Minutes – Seattle, WA April 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 – SCOM Relationship	Heirman
6.0	SCOM Officer Nomination Committee & Mail Ballot	
7.0	SCOM P&P Audit Part 1	Drozd
8.0	Next Meeting	Heirman
9.0	Adjournment	Heirman

WEDNESDAY AUGUST 26, 1998

10.0	Review of Standards Activities	Traver
	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	(Svetanoff)
	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	(Perini)
	STD 1140 -ELF/VLF VDT	(Current)
	P1302 -Gasket Effectiveness	(Denny)
	STD1309 -Cal. of EM Probes & Sensors	(Kraemer)
	P1530 -Cable & Connector Cal. Artifacts	(Hoeft)
11.0	Action Items	Traver
12.0	Next Meeting	Heirman
13.0	Adjournment	Heirman



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IEEE

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Date: 97.11.7
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)	Completed Work W/G Chair D. Svetanoff STD at IEEE
STD 376-1975 IEEE Standard for the Measurement of Impulse Bandwidth (ANSI recognized)	Reaffirmed 1998 - Secretary Submitted Re- Affirm ballot

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
PAR 1128 IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz	Completed Work W/G Chair J. Perini STD at IEEE
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
PAR 1302 Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18GHz	Completed Work W/G Chair Hugh Denny STD at IEEE
STD 1309-1996 IEEE Standard Method for the Calibration of Electromagnetic Field Sensors and Field Probes, Excluding Antennas, from 9 kHz to 40GHz	IEEE STD - 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	New PAR W/G Chair –L.Hoeft (replaced P485)

Best regards,

David L. Traver
IEEE EMCS SCOM Secretary

IEEE EMCS STANDARDS COMMITTEE MEMBERS 98.8

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**IEEE EMCS STANDARDS COMMITTEE 98.8
CHAIRMEN AND VICE CHAIRMEN OF WORKING GROUPS**

	SEE COMMITTEE SECRETARY FOR STANDARDS 139, 140, 187, 213, 376, 377, 473, 1140, 1309		
	Dale Svetanoff (P299) IEEE Membership # 08597346 Lindgren RF Enclosures 400 High Grove Blvd., Glendale Heights, IL 60139 Phone 630 / 307-7200 ext 1054 Fax 630 / 307-7571 Email svetanof@mc.net		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
	Lothar "Bud" Hoeft (P482) 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		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

IEEE EMCS STANDARDS COMMITTEE - LIASONS

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