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MINUTES OF THE IEEE EMCS STANDARDS COMMITTEE

FEBRUARY 8, 1991  
8:00 to 10:00 A.M.  
Hyatt Riverwalk Hotel  
San Antonio, Texas

MEMBERS PRESENT

Don Heirman, Chairman  
Gene Knowles  
Dan Houlihan

Ed Bronaugh  
Gene Cory

MEMBERS ABSENT

Leonard Thomas, Sr.  
Dave Traver  
Jim Parker  
Risaburo Sato

Stephen Berger  
Hugh Denny  
Ralph Showers

OTHERS PRESENT

Bob Hunter  
Don Clark

David Staggs  
John Osburn

ADDITIONAL MINUTES DISTRIBUTION

George Kunkle (P509)  
Bob Egan (P1190)  
Anatoly Tsalovich (P1128)

Dhenna Moongilan (P1140)  
John Osburn (P626)

## MINUTES

- 1.0 Call to Order - The chairman opened the meeting at 8:00 A.M. and welcomed the attenders to the meeting. (See attachment A - Agenda)

The Chair announced that Mr. Berger, the Secretary, will not be able to continue to act as Secretary to the Committee due to job and personal constraints. After discussion of the tasks and the demands on the secretaries time, the Chairman requested support for Mr. Berger.

Mr. Knowles acknowledged a major demand on the Secretary was the monitoring of voting on standards. He suggested that Sue Vogel might be able to aid in this task. The Chair deferred the discussion until the end of the meeting.

- 1.1 Nominees for Balloting Membership for 1991 - The Chair requested nominees, and led the discussion. Volunteers were invited to contact the Chair.

- 1.2 Reconfirmation of Balloting membership for 1991 - A letter had been mailed to the members of the committee and a report on the responses has been prepared by the secretary. (Attachment B) Mr. Knowles said he is willing to continue. There had been no response from Mr. Parker, Dr. Showers, Mr. Thomas and Mr. Wall. (Sec. note: subsequent to the meeting Dr. Showers, Mr. Thomas, Mr. Parker and Mr. Knowles reconfirmation of participation was received. To date Mr. Wall's response has not been received.)

- 2.0 Review of Minutes of the Last Meeting - Deferred to the next meeting, due to the absence of the Secretary.

- 3.0 Review of Standards Activities - The Chair announced that project P140 & P187 were now fully adopted and had been published. They are available for \$35.00 for non-members, and \$24.50 for members.

The Chair said that he would ask the IEEE to publish a compendium of EMC specifications.

Mr. Knowles was commended by the Chair for his reporting of standards activities.

- 3.1 Standard 299 - (Knowles and Bronaugh) Will be approved in March. Mr Knowles submitted a report (Attachment C) to be appended to the Minutes. A letter to Mr. Ben Johnson regarding the draft of 299 is attached. (Attachment D).

<<ACTION ITEM: A new PAR is needed for further work.>>

Mr. Bronaugh requested his name be removed as Vice Chair of this committee. Accepted.

Mr. Bronaugh spoke to the need for excellence in standards. He also stated that there was a need for determining user satisfaction with industry input.

The Chair stated that the new standard will be available for use in two months. He added that there should be a test plan prepared for each test. (See PAR submission).

- 3.2 Standard 475 - (Kerns and Secretary) The Board approved the PAR with an additional coordination with SCC 28 (75 members). Copy of correspondence is appended (Attachments E and F).

Standard P478 - (Parker) The Board approved withdrawal of this project. Correspondence is attached. (Attachment G).

- 3.3 Standard P482 - (Parker) The Board has withheld approval (Attachment H) of this PAR, with comments on the scope, range of interest added coordination. The PAR is to be revised and resubmitted.

<<ACTION ITEM: The Secretary is to contact the Chair of P482 and determine his response to the Board comments, and report to the Committee.>>

- 3.4 Standard P509 - (Parker and Kunkel) Correspondence to and from the chair of the WG is attached. (Attachment I).

- 3.5 Standard P626 - (Osburn) There was a request for resubmission of the PAR with additional information, change in the stated scope and revised recommended coordination. (Attachment J). There was a summary of activities and a statement of general lack of interest in the continuation of effort of this PAR by the WG Chair. He stated that He did not think this was a viable PAR. There was discussion about the options available: to withdraw or answer the Board questions and continue. It was moved by Mr. Cory to withdraw the PAR. This was approved by unanimous vote.

- 3.6 Standard P1128 - (Tsaliovich) There was a report from the WG Chair (Attachment K).

Draft 1128.1 has been reviewed. First information received was revised and added to the draft. There is no change in the PAR needed.

- 3.7 Standard P1140 - (Moongilan) There was a report from the

Chair of the WG, P1140 (Attachment L).

There was discussion of the approval of P1253 by the Computer Society giving two groups working on essentially the same topic and application. A joint group had been suggested by the EMC-S and the suggestion was rejected by the CS. There was correspondence from the WG Chair (Attachment M) describing the situation and asking for the EMC Standards Committee to contact NESCOM and provide direction to the Chair of P1140 on how to proceed. There was correspondence from the Chair of the EMC-S Standards Committee to NESCOM (Attachment N). After discussion on the possibility of the transfer of the PAR to 1140.1, there was a motion by Mr. Cory to communicate the EMC-S Standards Committee position to the President of the IEEE. The motion passed unanimously.

<<ACTION ITEM: Chair of the EMC-S Standards Board to prepare correspondence to the President of the IEEE.>>

3.8 Standard P1190 - (Egan) There was a report on WG activities (Attachment O) and of the members of the Working Group. (Attachment P). This WG has an approved PAR.

4.0 New Standards - The Chair stated that the coordination with ANSI C63 is going well. He expressed thanks to ANSI for sharing and not duplicating effort.

5.0 Old Business

5.1 Review of MUG, mailing addresses, ballots, attendance data and filling out status reports by W/G Chairmen. Deferred due to absence of Secretary. Mr. Knowles provided a list of 299 W/G (Attachment Q).

5.2 Review of Action Items from the last three meetings.

There was a review of Action Items from the last three meetings. Disposition and status are shown in the attached Action Item Lists which are appended to these minutes.

5.3 TC-1 Task on EMC Symbols

Remains Open.

5.4 EMC Standards Seminar This should be a seminar on the development of standards that is developed and presented by persons who have actually prepared standards.

5.5 How to Get involved With Standards - Remains under consideration.

- 5.6 Standards Award Committee - Report by Mr. Cory:  
There has been contact with Sue Vogel. There are no criteria, it is up to the Standards Committee to nominate.

There are a number of potential nominees:

Len Thomas	Gene Knowles	Dr. Sato
Ralph Showers	Ed Bronaugh	Art Wall
Don Heirman	Gene Cory	

The Chair asked M. Cory to prepare a ranked balloting list for the committee. Past contributors can be recognized. Ed Bronaugh stated that there should be a prioritized list. Don Heirman stated that there should be no posthumous awards. Gene Knowles stated that an outside committee should vote on the list, or rank three for the award. After further discussion, the committee proposed the following priorities:

1. Len Thomas
2. Bud Taggart
3. J. Bridges
4. R. Showers.

Ed Bronaugh moved, with Gene Knowles seconding that submissions be prepared on the above list. Carried unanimously. (See attachment R)

## 6.0 New Business

- 6.1 Reaffirmation of IEEE Standard 377 and 473 - Ballots were mailed January 17th. There has been correspondence from the standards Board stating that the Committee must take action immediately, otherwise the standards will be withdrawn (Attachment S).

<<ACTION ITEM:The Secretary is to call all who have not responded.>>

- 6.2 Quarterly Status Report on all IEEE Standards - Remains Open.
- 6.3 Standards Activities for the 1991 EMC Symposium - There will be a Standards Committee Meeting on Saturday, August 17 at the EMC Symposium.
- 6.4 W/G Participation - Discussion omitted.
- 6.5 Standards board Activity - Standards Office is advertising jobs in the newspapers. The Chair listed his IEEE commitments.

7.0 Next Meeting - The next meeting of this committee is May 17, 1991 in Chicago.

There was discussion regarding the ways the committee could best aid the secretary in the more time consuming aspects of the job. One way would be to delegate the telephone contact of the members when balloting dates approach.

It was proposed that the Secretary contact Gene Knowles, Dan Houlihan and/or Gene Cory and give them names for members to contact. This was acceptable to the members concerned, and should be put into practice.

8.0 Adjournment - The meeting adjourned at 9:59

[Secretary's Note: The secretary would like to express since thanks and appreciation to Mr. John Osburn for taking and preparing these minutes.]

ADDITIONAL ATTACHMENTS:

ATTACHMENT T - February 8, 1991 Board Report  
ATTACHMENT U - Address List

ACTION ITEMS  
 ARISING AT THE  
 MAY 19, 1990 EMCS STANDARDS COMMITTEE MEETING

MIN SEC	RESPONSIBLE PERSON	ACTION ITEM	COMPLETION DATE /COMMENTS
6.3	Carstensen	Respond on TC-1's interest in the EMC drafting symbols project.	

AUGUST 20, 1990 EMCS STANDARDS COMMITTEE MEETING

1.2	Chair/Sec	Develop Stds. involvement package.	
3.4	Chair.	Write a description of the correct working relationship between the TC's, W/G's and Std. Com.	
3.4	W/G Chairmen	Consider preparing a Newsletter article on W/G project and how others can get involved.	
3.5	TC-4	Report to chair regarding direction of P509 by 1 qtr. 1991.	
6.9	Chair.	Contact S. Vogel on EMC Std. Compendium	

NOVEMBER 9, 1990 EMCS STANDARDS COMMITTEE MEETING

3.2	Chair	Write Standards Office inquiring about current process to gain feedback on standards.	
3.7	Chair	Write NESCOM protesting the CS proposal regarding P1140.	

ARISING AT THE  
 FEBRUARY 8, 19910 EMCS STANDARDS COMMITTEE MEETING

MIN SEC	RESPONSIBLE PERSON	ACTION ITEM	COMPLETION DATE /COMMENTS
3.0	W/G Chairmen	Submit report for minutes.	
3.1	Chair of W/G	A new PAR is needed for further work on Standard 299.	
3.3	Secretary	Contact the Chair of P482 P482 and determine his response to the Board comments, and report to the Committee.	
3.7	Chair	Prepare correspondence to the President of the IEEE regarding the status of PAR 1140.	
6.1	Secretary	Call all who have not responded to the ballot on IEEE 377 & 473.	