

# ADSCOM Meeting Minutes

September 30, 1997

Mexico City Mexico

## Introductions

### OFFICIAL BUSINESS

1. Revisiting the spring 1991 ADSCOM directive concerning duplication of standards. "When a switchgear device is used in an assembly or enclosure, or pad mounted gear the base standard for the device (switch, Circuit Breaker, fuse, recloser, sectionalizer etc.) shall be referenced wherever possible". The desire is to avoid duplicate standards for the same equipment. Much of the furor which generated this agenda item has settled down based on resolution efforts of the disputing parties. Perhaps the best way to keep the "spirit" of the spring 1991 ADSCOM directive is to make common clause efforts a top priority.
2. Determine the status and future course of action for the proposed "Standard for Interrupter Switches" C37.39 D13. This standard has been successfully balloted in Switchgear with a few unresolvable negatives. The document was delayed because a concurrent ballot of C37 was not taken. Comments from NEMA were received 2 days prior to the Williamsburg meeting. The negatives from the NEMA delegation to C37 have been resolved. The only outstanding question seems to be the position of the EEI delegation. one EEI delegate has voted negative on a LIWL dielectric test issue on C37.34 (test code for switches). Since the proposed C37.39 contains the same test code for LIWL (which by the way has been this way for many decades) there is concern that the EEI delegation may "stonewall" C37.39 also. The C37 committee is working towards resolving this "stonewalling" behavior. If the "stone walling" occurs, Switchgear will consider publishing C37.39 under its IEEE PAR # P1247.

The issue of the C37 process, especially the EEI delegation's unresponsiveness became a major discussion topic. It was suggested that a late EEI response to a C37.13 ballot be a test case to see if the C37 committee can restore appropriate order to the EEI delegations.

3. Clarify the mission of the interrupter switch coordination working Group. With progress made between the C 37.20.4WG and the C37.39 WG, the C37.20.4 WG will take the responsibility of coordinating the C37.20.4 document with the proposed C37.39 document. The Interrupter switch coordination WG will become a task force under the Common Clause WG and work towards getting the "generic" load switching requirements (including capacitive current switching, loop switching, transformer switching, etc. { basically most non-fault switching operations} into common clauses.
4. Consider proposal for "Technical Discussion Groups" as proposed by Harvey Bowles (First session Ft. Lauderdale FL May 1998) After some lively discussion, it was decided to encourage Harvey Bowles to pursue the technical discussion idea proposed in His attached letter, on a 3 meeting trial basis, beginning with the spring 1998 Ft. Lauderdale FL meeting. The scheduling could be either Sunday evening before the WG sessions begin, or in the Thursday 10:00 - 12:00 technical session after the main committee meeting. Several ADSCOM members believe we should expand our horizons more beyond standards making.
5. Consider proposal for a presentation on the state of the art of solid state switchgear, and the need for standardization. Mietek Glinkowski will arrange for a member of the Power

Electronics Society to give us a presentation. This will be a topic for our Tuesday luncheon presentation and in the Thursday 10:00 - 12:00 technical session.

6. Value/Need of the Main Committee meeting. Should a new format be considered? While the "business value" of the main committee has been diminished by the new balloting procedures, we still believe the main committee meeting has a valuable informational purpose. It serves to tie together all of the diverse activities under the Switchgear "umbrella".
- It was decided that the main committee meetings should have a maximum 2 hr duration and that the subcommittee reports should be on an exception basis only. The reporting of meeting attendance etc. would be dropped. The remaining 2 hours on Thursday mornings would be devoted to technical sessions. These could include Harvey Bowles' discussion group idea, paper presentations, other technical presentations, etc.

Since the balloting pool now goes well beyond the main committee membership, it is no longer necessary to restrict main committee membership based on a ballance among member "categories" (user, producer, general)

7. Vision for the future of IEEE/ANSI Switchgear standards in light of greater IEC dominance in N. America.
- IEC is more application specific where ANSI as been more general purpose. Many didn't believe the C37 series of standards would be swallowed, or overcome by IEC in the foreseeable future.
- Anne O'Neill informed us that it is possible for us (Switchgear Committee) to get a PAR and create a document "modifying" an IEC standard with additions and deletions. for example for Common clauses, IEC 694 could be used as a starting point and used in conjunction with an IEEE/ANSI modification document. OR portions of the IEC document could be incorporated in a new IEEE document.

#### FUTURE Meeting Plans

- Ft Lauderdale FL RADISON Bahia Mar Resort May 4 - 7 1998
- Calgary Alberta Ramada Downtown Calgary September 21 - 24 1998
- Charleston SC? Spring 1999
- Roanoke VA Fall 1999 (probably mid October to catch the spectacular fall color)
- St. Petersburg Beach FL? Spring 2000
- Southern Cal? Fall 2000

#### TECHNICAL COUNCIL

(see attached)

Dean Sigmon will begin revising the operations manual in light of the new balloting procedure and in line with the Technical Council operations manual.

The STANDARDS ASSOCIATION is here and it is pointless to gripe about it.

**TO have a vote on standards, one must become a member of the Standards Association** (and pay the \$10. annual fee.) for info Email via [ieee-sa@ieee.org](mailto:ieee-sa@ieee.org)

**ONE** Failure to return a ballot gets you **removed** from the balloting pool. Only respond affirmatively to ballot invitations that you **really** will ballot on!

PES is way under its paper budget Please encourage quality papers to be submitted.

### Subcommittee Updates(attached)

- I. Education, Recognition, and Planning..... Larry Schmidt  
Ed Ververka is fully retiring John Brunke will be approached to assume the Fellow recommendation position
- II. High Voltage Fuses..... Tim Royster  
C37.48 is being held up by C37 because of a negative from the EEI delegation.
- III. High Voltage Switches ..... Alec Monroe  
Don Lott has resigned from all Switchgear activities. We thank Don for his many years of participation.
- IV. High Voltage Circuit Breakers (including balloting pool troubles) {We will rebalot C37.04 , .09, .010 with the new pool} ..... Ruben Garzon  
Ruben Garzon will step down as HVCB chair to be succeeded by Jeff Nelson. Bill Long will become HVCB secretary.
- V. Low Voltage Switchgear Devices ..... Bob Puckett
- VI. Reclosers and Sectionalizers ..... John Wood(Dave Kumbera)
- VII. Switchgear Assemblies ..... Ted Burse

### ADSCOM Working Group Reports

- C37.100.1 Common Clauses Larry McCall(Alan Storms)
- C37.59 Conversion of Switchgear no meeting
- Coordination of Interrupter Switches Chuck Ball

### OTHER BUSINESS

ADSCOM meeting conflicts with other WG meetings --- so it goes.

Subcommittee Chairs: PLEASE get your meeting room and schedule requirements to the secretary as soon as possible. To contain meeting costs it is important to minimize the # of rooms used. If sessions shorter than 2 hours are known, we can share a room 4 hour time slot between committees or WGs.

C37 to ask for IEEE coordination on NETA standards which "overlap" switchgear committee standards.

Concern was expressed about IEEE 693 "Recommended Practices for Seismic Design of Substations" specific requirements for circuit breakers to operate *during* seismic events.



Roy Alexander  
Secretary Switchgear Committee



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May 6, 1997

Mr. Ray Capra  
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Dear Ray:

As I discussed at the Switchgear Committee meeting last week in Williamsburg, I am a former member of the Insulated Conductors Committee (ICC). The ICC, in addition to having working groups, also has discussion groups. The format of a discussion group meeting varies not only from group to group, but also from meeting to meeting. There may be a formal presentation on a particular topic or a general discussion with a particular type of equipment.

I would like to start such a group within Switchgear to discuss problems with distribution voltage equipment (and possible solutions). This is not meant to be a "manufacturer bashing" as mentioning of manufacturer's is discouraged. Rather it will be a forum for users and manufacturers to discuss problems, whether it is application (or mis-application), operational problems, or maintenance problems. A possible by-product would be the identification of areas that need to be covered in the standards, but that is not the primary focus. Those attending the discussion group meeting would relay this information to the appropriate subcommittee, instead of a formal recommendation. The group would also assist both users and manufacturers in determining if a problem is an isolated case, or if it is the tip of an iceberg.

In order to put some limits on the group, it would initially focus on distribution voltage equipment (not exceeding 35 kV) and cover areas such as reclosers switches (pole-top and padmount), and fuse cutouts. In order to accommodate those involved in HVS, R&S, and HVF, a suggested time would be late Wednesday afternoon, prior to the social.

Your guidance is requested. Those who have attended the ICC meetings have found the discussion group meetings very informative. I would expect that Switchgear Committee members will as well. As I will not be at the fall meeting in Mexico, I plan to start the discussion

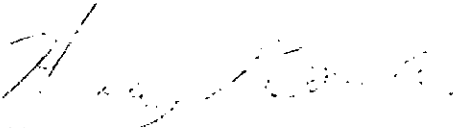
Mr. Ray Capra

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group at the meeting next spring in Ft. Lauderdale. Although my original intention was for the group to be informal and not fall under the jurisdiction of any subcommittee, it will probably require approval from ADSCOM.

If there are any questions, please contact me. My telephone number is (202) 720-5082.

Sincerely,



HARVEY L. BOWLES  
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