

**SWITCHGEAR ASSEMBLIES SUBCOMMITTEE
MINUTES OF THE Fall 2010 MEETING**

**Tropicana Las Vegas
Las Vegas NV**

The meeting was called to order by Chair, A. Morgan, at 3:45 PM on September 29, 2010 with the introduction of the following members and guests:

Members: (17)	C. Ball P. Barnhart T. A. Burse D. J. Edwards L. Farr	K. Flowers S.S. Gohil D. Lemmerman F. Mayle D. Mazumdar	A. Morgan A. Morse T. W. Olsen J. E. Smith A. Storms	P. Sullivan M. Wactor
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Guests: (18)	G. Arce R. Bugaris R. Cohn J. Earl M. Flack	R. Hartzel H. Josten M. Lafond T. Lagerstrom D. Moser	A. Patel R. Parthasarathi A. Rowell C. Schneider J. Shullaw	C. Tailor J. Toney R. Warren
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Excused: (1) E. A. Peters

Absent: (2) E.R. Byron A. Livshitz

The IEEE-SA rules on Patents were reviewed prior to further discussions. All five slides were shown. An opportunity was given for participants to identify patent claims, patent applications, and/or holders of patent claims/patent application claims that may be essential for the use of a standard. There were no responses. The IEEE-SA patents policy must be reviewed during every working group meeting. The rules can be accessed on <http://standards.ieee.org/board/pat/pat-slideset.pdf>.

MINUTES

The minutes from the spring 2010 meeting in Myrtle Beach were approved. Moved by F. Mayle and 2nd by L. Farr

WORKING GROUP & TASK FORCE REPORTS

The following working group reports were presented:

- PC37.20.8 Task Force - T. Burse and D. Groves –The PC37.20.8 project was put on hold due to lack of resources by the Vehicular Technology Society Rail Group.
- PC37.20.2 Standard for Metal-Clad Switchgear - M. Wactor – Draft 4a was reviewed and Draft 5 will be sent to WG for comments in Dec. The document will go out for ballot before spring 2011 meeting.
- PC37.20.3 Standard for Metal-Enclosed Interrupter Switchgear – C. Ball – Flammability, proposed changes to paint finish tests, which would include other finishes and the addition of fixed and draw out breakers were discussed. P. Barnhart to head a task force to address finishes and E. Byron and C. Tailor to revise text on fixed and draw out breakers. Goal is to have document ready for ballot by fall meeting. A change in par may be required. T. Burse asked if draw out breaker inclusion was doable and response by C. Ball was it should be doable.
- PC37.20.4 Standard for Indoor AC Switches (1kV – 38kV) for Use in Metal-Enclosed Switchgear – C. Ball – Next draft will be issued to WG by end of October for review and document will be ready for ballot by spring 2011 meeting.
- C37.20.7, Task Force for Guide for Testing Medium-Voltage Metal-Enclosed Switchgear for Internal Arcing Faults - M. Wactor. –Task force is still looking for more data. The request from NEMA to consider MV MCC was approved by task force. Also discussions as to including LV MCC, Non Seg bus, etc. There are a lot of issues to discuss before Task Force is ready to define the scope or request a par.

The request for interpretation of Accessibility Type 2BC was discussed and the response was reviewed. It was moved by T. Burse and 2nd by A. Morse to accept the work of the task force. Approved.

- PC37.121-1989 Unit Substations - J. Smith – Reviewed Draft 5 of document and will issue Draft 6 for review by end of November. Target is to complete revisions and be ready for ballot after spring 2011 meeting.

Old Business:

- a) IEC activities – T. Burse (Liaison D representative of the IEEE PES Switchgear Committee to SC 17C MT 14) 62271-200 - IEC MT14 met in Istanbul September 14 and 15, 2010. The purpose of the meeting was to create an RVC including a discussion of National Committee (NC) comments received on 17C/473/CDV. As a result, 17C/490e/RVC was created and circulated to the NCs in September. The current schedule for circulation of the FDIS is November, 2010 with close of voting in January 2011.
- b) ASC C37 – General update – T. Olsen - Successfully reaffirmed C37.50, C.51, C37.54, C37.55, C37.57, C37.58 and C37.85. Comments were resolved on the Operating Procedures and will be submitted for a recirculation ballot. T. Olsen was re affirmed as chair.
- c) C37.21 Standard for Control Switchboards - A. Morgan – There was 1 negative ballot to be addressed (on metric dimensions), which has been responded to and document was sent 9/2010 to REVCOM for reaffirmation.
- d) C37.23 Standard for Metal-Enclosed Bus - A. Morgan – Request was made to add an Annex to C37.23, which would add Cable Bus back to the scope of C37.23. Action not required immediately, but we may want to look at working on it if we free some time as C37.20.3 or C37.121 wrap up.
- e) ADSCOM – It is critical that a Switchgear Committee Organization and Procedure Manual (O&P) be developed for approval by the Standards Board by December 2010 or we will not be able to develop Standards. Program and Process manual (P&P) will also be required for all working groups in the Switchgear Committee. O&P was rejected by the Standards Board. Will be discussed at ADSCOM meeting.

New Business:

- a) If you have not registered for the online Association Management System (AMS), please do so. You must be registered in this system to be added to the roster for the SA Subcommittee and any of the Working Groups. WG chairs to include affiliation.
- b) C37.23 Standard for Metal-Enclosed Bus - clarification of questions on maximum temperature rise on bus joints. Is not an official clarification request. We decided to be proactive and develop a response off line. A task force of D. Edwards, H. Josten, T. Olsen, A. Storm, D. Lemmerman, F. Mayle and C. Taylor was set up to create a draft and have SA committee approve.
- c) A. Morgan recognized our honorary members and said that we were moving them to a special list that would only be counted when they attend the meetings. R. Burgaris, A. Patel, M. Flack, C. Schneider and H. Song were recommended to be added to the membership. There were no objections.
- d) Procedure for Meeting Rooms - Meeting arrangements must be made through the Subcommittee Chair, rather than directly with the Switchgear Committee secretary. Working Group chairs, advise the Subcommittee Chair concerning your working group room requirements (preferred dates, number of sessions (one session = 1 hr 45 min), number of persons expected, and A/V needs) by March 31, 2011.
- e) Working Group chairs, please give changes to your working group memberships to Jim Smith by the end of the meeting.
- f) Working Group chairs, please provide electronic copies of WG reports to Jim Smith at the end of the meeting today.

Next Meetings:

- a) Spring 2011 – Orlando May 15 - 19
- b) Fall 2011 – Nashville, 10/9 – 10/15
- c) St Pete Beach (Spring/12), Vancouver (Fall/12), Galveston Spring/ 13)

The meeting adjourned at 5.05 PM.

Minutes submitted by: J. E. Smith, Secretary