

MINUTES - Switchgear Committee ADSCOM

8:00 AM 9 May 2006

Galveston Island, TX

Welcome and IntroductionsTed Burse

ATTENDANCE 19 Members and 28 Guests (See Attachments 1, 2 & 3)

Subcommittee Updates (by exception)

I. Education, Recognition & PublicationsMietek Glinkowski

ACTION: Sub-committee Chairs and ADSCOM WG Chairs –

PLEASE submit minutes by 26 May

Web pages are to be the “store-front” for each subcommittee – 3 received so far –

Please complete and Submit your Web Pages

II. High Voltage FusesTim Royster

C37.45 – forming ballot pool now

C37.42 – working on par is D2 now

John Leach to be new chair of HVS subcommittee.

III. High Voltage Switches..... Alex Dixon

Ballot for consolidated HV switch standards C37.30.1– expected to complete by year’s end.

Revision of IEEE 1247 is complete; expect to be published in June.

IV. High Voltage Circuit BreakersBill Bergman

Have strategy to implement errata, corrigenda, revisions required for:

- C37.04 (Rating Structure for HVCBs) – Jeff Nelson

- C37.09 (HVCB Test Codes for HVCBs) – Georges Montillet

It is noted that C37.04 and C37.09 will soon have two amendments, and therefore any further revisions will require a full revision.

- C37.06 (Preferred Ratings for HVCBs) – General revision to include new ratings for TRV based on concurrent work to develop 2-parameter and 4-parameter TRV envelopes in C37.04b and C37.09b

The main limitation in completing this work is limited resources. We need several new volunteers to step up and to take on parts of the work.

V. Low Voltage Switchgear Devices.....Doug Edwards

3 documents are out for balloted now

2 active WGs – trip devices (C37.17) and Preferred Ratings (C37.16)

VI. Reclosers and other Distribution Equipment..... John Wood

C37.66 cap sw switches now published

TF Solid Dielectric for equipment insulation – chairChris Ambrose

- voids can be extremely important

- need to know how to detect voids

- criteria for acceptance

- expect to depend heavily on IEC-201

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- VII. Switchgear Assemblies.....Ted Olsen
- C37.20.3 and C37.20.4 – are to be Reaffirmed
 - C37.121 (unit subs) – is to be Reaffirmed
 - C37.20.7 – at REVCOM – virtually complete
 - Michael Wactor to chair new WG, mostly same people to revise C37.20.2
 - C37.20.1b is nearly complete
 - Ted Burse to chair new WG for revision of C37.20.6

ADSCOM Working Group Reports

- C37.100.1 Common Clauses Dave Stone
Altitude Correction Factors – Main issue remains how to accommodate the purist approach – to correct from rated values at sea level, with the commonly accepted practice of making no correction for altitudes below 1000 m (3000 ft). Annex documents basis for correction, and gives examples – new suggestions received – next recirculation ballot – (W. Bergman reporting for Dave Stone) **(See Attachment 4)**
- C37.100 Definitions – each Sub Committee is responsible to send new definitions from standards it has developed to Randy Dotson, chair.
(See Motion below regarding changing C37.100 to a compendium of terms.)
- C37.59 Reconstruction of SwitchgearPete Dwyer
 - Cradle-in cradle is a big issue – ballot this summer **(See Attachment 5)**
- Task Force on Capacitor Switching..... Neil McCord
 - Focus is to develop a single design test code, by combining the best requirements from C37.09a, C37.66 and 1247 and C37.016
 - Result is intended to be a “Common Clause” for design tests to prove capacitor-switching capability.
 - Could be assigned a number like C37.100.2 or C37.302
- C37.301, formerly IEEE1291, Partial Discharge Measurement Marcel Fortin
 - conducted comprehensive literature search – complete
 - “pattern recognition” is the heart of the issue **(See Attachment 6)**

ACTION: Please sign up for and use **IEEE alias** e-address for Swgr Committee work – B. Long / M. Fortin

- Future Meetings (see below)..... Bill Long

Standards Coordinator Update

- Standards Report / Actions for ADSCOM Dean Sigmon
 - The following Switchgear Committee Standards require action to reaffirm, extend, or withdraw by 31 December 2006.
 - HVCB: .04, .09, .013, .015, 081, .083, 081a
 - LVSD: C37.13, C37.27

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- SA: C37.20.3, 20.4

ACTION SUBCOMMITTEE CHAIRS: Please contact Dean Sigmon, Standards Coordinator to make know your intentions for these standards by 1 October 2006

- The committee is seeking a new person to serve as Standards Coordinator.

ACTION: Please contact Jeff Nelson, Ted Burse or Bill Long if you would like to serve as Standards Coordinator.

- ADSCOM recognizes that to continue to maintain C37.100 as a “standard” is becoming impractical, because of the requirement that after two amendments, the entire document must be reviewed and balloted as a revision. However, definitions are rarely are changed, if ever.

Therefore, the following resolution was unanimously approved:

To change C37.100 from a “Standard” to a “Compendium of terms”, as had been done some time ago for IEEE standard No. 1 – Randy Dotson will work with Jennie Steinhagen and IEEE-SA staff to find the correct process for implementing this change of C37.100 to “Compendium of Terms”

- **CHANGES to MY BALLOT process are coming** – please pay attention to the announcements from IEEE-SA regarding the new procedures, “My Project”
(See Jeff Nelson’s slides on this subject **Attachment 7.**)

AGENDA ITEMS

- IEEE-SA requires the policies about patents no discussion on sales, marketing etc. to be presented at every WG meeting.
We must continue to do this to retain our ANSI accreditation.

ACTION Webmaster: Please POST Slides on the IEEE Switchgear Committee Website, containing the policy guidelines, as required by IEEE-SA, for:

- **Patent disclosure**
- **No discussion on sales, marketing etc.**
- IEEE SA Metrification Policy Issues **(See Attachment 8)**
 - Letter from Bill Chiu, TX Committee Chair, to IEEE-SA points out that “strictly metric” references can be especially problematic in our industry.
 - Keith Gray suggests – submit also Technical Council
 - Jennie Steinhagen suggests we should contact Rona Gertz – REV COM

ACTION: Jeff Nelson will contact Bill Chiu to advise that Switchgear Committee supports this effort, and offers to support the TX committee’s efforts in this area. He will offer to sign the letter on behalf of the Switchgear
- **IEEE Virtual Community** – Tom Field pointed out that members of the switchgear committee could benefit from participating in the Virtual Community. It is free to IEEE

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members and facilitates communication among members of working groups, for example. A show of hands revealed that about 5-6 people have registered for and have visited the virtual community for switchgear. This resource can be very valuable to standards work. Gives a place to archive comments and suggestions for future work. Provides a means for sharing comments and suggestions for draft revisions among active WG members, without the need to send attachments to e-mail messages. **The committee needs a volunteer to serve a moderator for the Switchgear Community.**

- MY BALLOT → My Project Jeff Nelson gave an explanation of the changes in the procedures when we move from My Ballot to My Project.
 - New Procedures Formerly, the Standards Coordinator designated the responsible person for each WG.
 - MOTION – NELSON: With My Project the Switchgear Committee will use the Sub committee Chairs to assign the work, and to give formal approval it as work progresses.
Unanimously approved
- Criteria for Membership in the Main Committee as given on the O&P Manual were reviewed.
- IEC References in Standards – Adscom/Main Committee Directive of Fall 2003

OLD BUSINESS

- Main Committee Meeting Quorum – (Proposal on Committee, Subcommittee and WG membership listing in the front of each published document sponsored by the Switchgear Committee)
 - Ted Olsen's Proposal for Front Matter on Swgr Stds. **(Attachment 9)**
- Revision to Switchgear Operations Manual (Jeff Nelson/Ted Burse)
 - MEMBERS of the Main meeting – Quorum – Honorary Members

ACTION: If anyone has historical (archival) copies of Minutes – Please contact Ted Burse.

- Companions to attend informal WELCOME RECEPTION on Sunday evening – at no additional charge. This has been good and we should continue.
- Breakfast buffet has been good too. Does help people arrive at 8 AM meetings on time.

NEW BUSINESS / ROUND TABLE

- Assistant Web Master
- John McDonald Chair of (PES Technical Council)
 - Tech Council Advisory Board – Nelson
 - Jeff will represent Swgr on this council – to PES Governing Board
 - Jeff & Keith will attend next Mtg in Montreal in June
- Subcommittees should have two officers, Chair and Secretary

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- A period of three (3) years was suggested as appropriate Rotation interval

FUTURE Meeting Plans

- 1 – 5 October 2006 – Hyatt Regency, Milwaukee, Wisconsin
- 6 – 10 May 2007 – St. Pete Beach
- 23-27 Sept 2007 – Philadelphia or 14– 17 Oct are most likely dates
- 4-8 May 2008 – Portland or Golden Nugget – Las Vegas (like San Luis)?

- Fall 2008 – Pittsburgh Pennsylvania [tentative]
- Spring 2009 – San Luis Resort, Galveston Island, Texas [tentative]
- Fall 2009 – Las Vegas, Nevada [tentative]

Adjournment

The meeting was adjourned at 11 AM.