

**Low Voltage Switchgear Devices (LVSD) Subcommittee  
Minutes of the Fall, 2003 Meeting  
Marriott  
Portland, Or – September 24, 2003**

The Low Voltage Switchgear Devices Subcommittee met on September 24, 2003, with 9 members and 4 guests present. There were 7 excused absences.

Members:	D. J. Edwards	D. Mazumdar	R. J. Puckett	
	S. S. Gohil	N. McQuin	S. Slattery	
	A. Livshitz	T. W. Olsen	A. D. Storms	
Guests:	P. Barnhart	P. Dwyer	J. Maurice	
Excused:	J. M. Jerabek	P. J. Notarian	M. D. Sigmon	S. H. Telander
	W. E. Laubach	G. R. Nourse	N. H. Simon	
Absent:	None			

1. The meeting was called to order at 8:08 AM by Shaun Slattery with Doug Edwards as secretary. Mr. Slattery welcomed the members and guests and introductions were made.
2. The minutes of the meeting in St. Pete Beach on May 7, 2003 were reviewed on screen and approved.
3. Reports:
  - a) **ADSCOM Committee Report:**  
Complete minutes will be posted.

Mr. Slattery reported the following items.  
Importance of reviewing papers is encouraged. Input is requested for article targets concerning Switchgear Committee.

Common Clauses needs a replacement chair for Alan Storms. Volunteers or nominees are requested.

Dual Logo for dual IEEE / IEC projects is being reviewed. After IEEE completes ballot, the document is forwarded as a draft to IEC for review (editorial). If accepted, document will carry a Dual Logo, if not accepted only the IEEE Logo would be used.

STLNA – N. McQuin reported that pre-conditioning concepts for vacuum interrupters focusing on dielectric testing.

Recommendation will be provided to Main Committee for standards not to use normative references to IEC documents when a reference exists within IEEE documents. Two reasons were discussed as the basis for this recommendation.

1. Ease of use – having the pertinent information readily available for the reader.
2. Coordination with in the IEEE

Metrification policy / Dual units: N. McQuin reported that the metrification policy changed. Standards are to provide dual units with metric/English format. This was approved September 11, 2003. The Metrification Policy will be updated.

- b) **IEC Report (IEC 17B/WG5)** – S. Slattery reported highlights. Complete minutes will be attached. Future amendments of IEC 60947-2 are needed. A new CD is to be initiated. Annex F – Alternative tests for electronic controls: Modifications concerning “dead-spots” are to be reviewed.
- c) **C37.108 Guide for the Protection of Network Transformers:** N. McQuin reported: Standard has been published. Transactions paper is submitted.
- d) **IEEE SCC21 - Fuel Cells, Photovoltaic: S. Slattery reported**  
Minutes will be attached.  
Standard 1547 is published.
- e) **C37.100.1:** Alan Storms reported:  
Minutes will be attached.  
Meeting was held. Target ballot out be end of 2003. There was discussion of ratings remaining within the various standards. The requirement for a maintenance team was identified. The goal is not to require balloters to review and accept the IEC standards; the IEC reference is only informative.
- f) Working Groups:
- **C37.13:** D. Edwards reported:  
Minutes are attached. Draft 8 was created during the WG meeting. D8 will be circulated for further working group review. Target is to resolve materials classifications and be ready for ballot submittal by January 2004.
  - **C37.13.1:** B. Puckett reported:  
Minutes are attached. The document was not submitted for ballot. P. Notarian will not be able to continue as WG chair. B. Puckett volunteered to take position as WG chair. Discussion of molded case circuit breakers and their appropriate use in current limiting applications was discussed.
  - **C37.26:** T. Olsen reported:  
Minutes are attached. Draft 3 was approved by the Standards Board, and submitted to IEEE-SA for ANSI recognition. Expected publication date is early 2004. Following formal publishing of the document, the WG will be disbanded.
  - **C37.27:** D. Edwards reported:  
Minutes are attached. Draft 1 was circulated for working group review. This standard will follow after actions on C37.13.
- g) **Document Status:** Document Status was circulated for updated. The document status will be updated and made a part of the minutes to be posted on the website.

#### 4. Old Business:

##### **C37.20.1 Status**

Pros and cons on having C37.20.1 organized under LVSD SC versus Switchgear Assemblies SC.

LVSD Pros – Promotion of Low Voltage products and having all LV products covered in one SC. Supporters of LVSD state that this would strengthen the interest and scheduling in LVSD.

SA Pros – Overall knowledge of switchgear issues (both MV and LV) covered.

Supporters of leaving C37.20.1 with Switchgear Assemblies SC state that Switchgear Assemblies has more participants with expertise concerning switchgear.

Problem: The basic problem is that overall LV participation has reduced (both for LVSD and Switchgear Assemblies).

Proposal: LVSD will not request transfer of C37.20.1 at this time. LVSD participants are to solicit membership by invitation as corresponding WG membership and ballot pool participation.

- An email invitation for request for participation in LVSD activities will be drafted by S. Slattery.
- Target recipients (with email address) shall be provided to D. Edwards – by October 15, 2003.
- Potential list will be distributed to members.
- Mass email will be provided – target is October 31, 2003.

Comments: The open structure under the SA balloting procedures eliminates some of the previous issues with opportunity to participate with these standards.

LVSD offers thanks to S. Telander for raising this issue which has prompted the development of a plan for wider participation in the LVSD and Switchgear Assemblies SC's and their working groups.

#### 5. New Business:

- a) Working group chairs, please provide an electronic copy of your report to D. Edwards by October 1, 2003.
- b) Working group chairs, please submit your WG room requests for the Spring 2004 meeting to T. Burse by February 1, 2004. Working groups are asked to carefully consider any audio visual equipment requirements, as A/V equipment is a major expense.
- c) N. McQuin reports that there has been turmoil within LOVAG. He questions if the LVSD members have seen any results from this turmoil. The response was that this tendency to not perform tests is recognized but a trend not recognized. LVSD supports that design tools should be used to reduce the risk for failure but testing is still required.
- d) P. Barnhart was added as member to LVSD.
- e) Switchgear Main Committee – items to be reported verbally during the main committee meeting were reviewed:
  - i. C37.26 - Guide for Methods of Power Factor Measurements for Low Voltage Inductive Test Circuits was approved for publication September 2003
  - ii. LVSD SC expresses concern with participation levels of those with LV interest. We developed a plan to recruit new participants. Based on input from SC members, mass email distribution will be made with description of current and future activities, benefits for participants and their companies and with a personal invitation to participate.

#### 6. Upcoming Meetings

May 3 - 6, 2004  
Fall, 2004

Galveston, TX  
Philadelphia, Pa / Tucson, Az

#### 7. Adjournment: The meeting adjourned at 11:59 AM.

8. Recognition Awards

LVSD SC meeting was reconvened on September 24, 2003 at 3:15 PM. Motion was approved for request for ERP action. Meeting was adjourned at 3:16 PM.

Minutes submitted by:

D. Edwards  
Secretary