

**Meeting Minutes
LVSD Subcommittee Meeting
Calgary, AB Canada
October 15, 2008**

Members:	P. Barnhart K. Flowers A. Livshitz T. Olsen	D. Edwards N. Gunderson D. Mazumdar D. Sigmon	M. Flack H. Josten J. Mizener A. Storms
Honorary Members:	H. Hess P. Notarian **	J. Jerabek S. Telander	W. Laubach
Guests:	J. Coomer C. Schneider	D. Hrncir P. Terry	F. Mayle J. Toney
Excused Absence:	D. Gohil G. Nourse	J.C. Maurice B. Puckett	A. Morse P. Sullivan
Absent:	N. McQuin		

*** Honorary member present at this meeting*

1. Introduction of members and guests

The meeting was called to order by Doug Edwards at 1:30 PM. Mr. Edwards welcomed the members and guests, and introductions were made.

2. Approval of the minutes of the Spring 2008 Orlando, FL meeting

The minutes of the May 21, 2008 meeting held in Orlando, FL were distributed via email, was reviewed on screen, and unanimously approved.

3. Working Group Reports

a. C37.13: Low Voltage AC Power Circuit Breakers used in Enclosures

A complete summary of the working group (WG) minutes will be posted (document S08LVSDa3.pdf).

The C37.13 recirculation ballot comments were reviewed and resolved by the working group. The resulting C37.13 draft contains only editorial changes, and can be submitted to REVCOM without another recirculation ballot.

The WG discussed potential future activities of reviewing the service conditions and the short circuit multiplication factors.

Given that the assigned task has been completed, the WG Chair motioned that the WG be dissolved. The motion was seconded, and passed unanimously.

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b. C37.14: Low Voltage DC Power Circuit Breakers used in Enclosures

The complete minutes for this task force (TF) meeting will be posted (document S07LVSDa4.pdf).

The TF compared and contrasted the performance and application of general-purpose and high-speed/semi-high-speed (used exclusively for traction power applications) circuit breakers. It was agreed by the TF that these two types of dc circuit breakers were very different, and that it was confusing to users that they were intermingled in the same standard. A motion was carried forward to the Subcommittee requesting to split C37.14 into two documents – C37.14.1, with a scope of general-purpose, and C37.14.2, with a scope of traction power circuit breakers. The motion was seconded, and unanimously approved by the Subcommittee.

The Subcommittee also formed two working groups (C37.14.1 and C37.14.2) with Keith Flowers appointed as chairman of both of these two working groups. C37.14.2 will be joint sponsored with the Vehicular Technology Society. Processes will be developed to facilitate input from the Traction Power S/C. Target of submitting PARs by March 2009.

The scope of general-purpose was determined to be 1500 vdc and below.

c. C37.16: Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635V and below) and DC (3200V and below) Power Circuit Breakers

The complete minutes for this meeting will be posted (document S07LVSDa5.pdf). The following items were brought to subcommittee attention:

- C37.16 recirculation ballot closed with five comments.
- WG meeting resolved all of the comments, and the draft will be submitted for a recirculation ballot.

d. C37.17: Standard for Trip Systems for Low-Voltage (up to 635 V) AC and General Purpose Low Voltage (up to 325 V) DC Power Circuit Breakers

Complete minutes will be posted (document S07LVSDa6.pdf). The following items were brought to subcommittee attention:

- The WG met to resolve the comments from the MEC review by IEEE. All IEEE comments were resolved.
- The ballot pool has been formed, and the ballot will be initiated in coming weeks.

e. C37.27: Application Guide for LV AC Fused Power Circuit Breakers Applied with Separately Mounted Fuses

C37.27 has been submitted to REVCOM for review.

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f. Update Document Status

Document Status was submitted to the WG Chairs for updates. The document status will be posted on the IEEE website (document S07LVSDa2.pdf). Working Group memberships were also reviewed and updated.

4. Old Business

a. Recruitment

No actions were taken for this meeting. With the work being initiated with dc circuit breakers (primarily C37.14.2), it was identified that there is a need to develop processes for working with the Traction Power S/C. Doug Edwards, Keith Flowers, and Dave Groves will work to develop those relationships and processes.

b. IEEE-SA Patent Policy

The IEEE-SA patents policy must be reviewed during every WG meeting. The patents materials are available at <http://standards.ieee.org/board/pat/pat-slideset.pdf>. The IEEE-SA Patent Policy was reviewed at all LVSD Working Group meetings.

No claims or issues were raised at any of the LVSD S/C's WG meetings.

c. IEEE Aliases

Aliases are preferred contact means for the main committee and subcommittee secretaries for correspondence to members and guests. The process for Guests who would like an IEEE alias, to set up an alias, is as follows:

- Note: You can review the IEEE Member E-Mail Alias Service Agreement - URL: <http://elecomm.ieee.org/service-agreement.shtml>
- Setup your IEEE Email Alias - URL: <http://elecomm.ieee.org/>
- Select the Link to "Register For An IEEE Alias" or as appropriate.
- Enter your data
- Test that new email address works by sending yourself and email. Note - some companies have Firewall protection that may filter out these emails. If this is the case, I wish you all the best but hopefully your IT department manager can be persuaded to all make allowance for use of this address.
- Submit your new alias to k.s.edwards@ieee.org (Main Committee Secretary) and keith.flowers@ieee.org (LVSD Secretary)

Also, as a reminder, be sure to keep your information current in the AMS system, which is the primary tool for the meeting announcements, and working group chairs.

d. C37.13.1

Bob Puckett reported that a PAR has been drafted, and is in the process of being submitted to REVCOM.

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5. New Business

a. LVSD Membership

Doug Edwards nominated Dave Dunne, Mike Flack, and Harry Josten for LVSD membership. The motion was seconded by Dean Sigmon. Nomination was unanimously approved.

b. LVSD Officer Rotation

Dean Sigmon nominated Paul Sullivan for LVSD secretary. The motion was seconded by Allan Storms. The nomination was unanimously approved.

c. Low Voltage AC Circuit Breakers with Voltage Ratings Above 635 V

It was suggested that there are circuit breaker applications greater than 635 vac. After some discussion, the S/C decided to form a TF investigate the topic further. Nancy Gunderson was appointed TF chair, with TF members of Keith Flowers, Dan Hrcir, Jeff Mizener, Paul Notarian, and Dean Sigmon.

d. Main Committee Meeting Items – Review items to be presented

The following items were requested to be brought to the Main Committee's attention:

- Ballot status for C37.13, C37.16, C37.26, and C37.27.
- C37.17 will be going to ballot this month.
- Creation of WGs C37.14.1 and C37.14.2.
- Creation of TF For Voltage Ranges.
- New officers.

e. Up-coming Meetings

- May 3-7, 2009 – Asheville, NC
- Fall 2009 – Denver, CO
- Spring 2010 – Myrtle Beach, SC
- Fall 2010 – Newport, RI

6. Adjourn

The meeting was adjourned at approximately 2:35 PM.

Minutes submitted by:

Keith Flowers
October 15, 2008