

MINUTES
LVSD Subcommittee Meeting
OMNI Mont-Royal Hotel, Montreal, Quebec, Canada
October 5, 2005

The Low Voltage Switchgear Devices Subcommittee met on October 5, 2005, with 11 members and 9 guests present. There were 4 excused absences.

Members:	P. Barnhart	A. Livshitz	J. C. Maurice
	D. Edwards	D. Mazumdar	T. W. Olsen
	S. S. Gohil	N. McQuin	R. J. Puckett
	N. Gunderson	J. Mizener	

Members	H. Hess	P. J. Notarian
Honorary:	W. E. Laubach	S. H. Telander

Guests:	D. Colaberardino	M. Flack	F. Mayle
	D. Dunne	K. Flowers	A. Morse
	P. Dwyer	H. Josten	T. Williams

Excused:	J. M. Jerabek	M. D. Sigmon
	G. R. Nourse	A. Storms

Absent: N. H. Simon

1. Introduction of members and guests

The meeting was called to order at 8:03 AM by Doug Edwards as secretary. Mr. Edwards welcomed the members and guests and introductions were made.

2. Approval of the minutes of the Spring 2005 St. Pete Beach, FL meeting
Edwards

The minutes of the May 11, 2005 meeting held in St. Pete Beach, FL were distributed and reviewed on screen and were approved.

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3. **New Business Item** D. Edwards
S. Slattery (LVSD Chair) passed on May 21, 2005.

Moment of silence in memory of Shaun was observed.

Chair

A new chair is needed for LVSD. The typical succession is for the secretary to move into the position as Chair. D. Edwards expressed his acceptance of the responsibility.

By unanimous vote, the members of LVSD, Doug Edwards is recommended for approval as Chair of LVSD.

Secretary

The position of LVSD secretary is thus vacated. Keith Flowers volunteered for position. With succession being within Siemens (Shaun Slattery to Doug Edwards to Keith Flowers), the issue of was brought forward by Chair for any objections. Support was expressed for Keith as secretary.

By unanimous vote, Keith Flowers was nominated and approved as secretary.

Note: Action due at the Spring 2006 meeting for approval of Keith Flowers as member in LVSD.

4. **Reports** D. Edwards
Complete minutes from the WG meetings will be posted.
Brief highlights as discussed in the LVSD meeting follow.

- a. **ADSCOM Committee Report:** D. Edwards

- Minutes will be posted separately.
- C37.100
- C37.59
- C37.29 is still in the process of being withdrawn. This process is on-going.

- b. **IEC Report (IEC 17B/MT15 – Formally IEC 17B/WG5):** D. Edwards

- IEC 17B/MT15 meeting was just held (Sept. 26 – 28, 2005 in Berlin). Minutes will be posted separately when available.

- c. **IEEE SCC21 Fuel Cells, Photovoltaic** N. McQuin

- Minutes may be reviewed at URL:
<http://grouper.ieee.org/groups/scc21/>

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Working Groups

Minutes will be posted on Website of each WG's report.

URL: <http://www.ewh.ieee.org/soc/pes/switchgear/index.htm>

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

D. Edwards

- The PAR required revision associated with the Scope and statement of Purpose on the PAR. PAR was approved on September 23, 2005.
- The ballot for C37.13 / D15a was initiated and opens on Sept. 26 and will close on October 26, 2005. Thus, no WG meeting was held.
- Subsequent to successful ballot, one open action item – Request to C37.50 (NEMA) to be made concerning frame grounding tests. Detailed text was removed from C37.13 and review of this will be requested of C37.50 for inclusion in their upcoming revisions.
- WG meeting will be held in the spring 2006 to review ballot and resolution of comments.

e. C37.13.1 Standard for Definite Purpose Switching Devices for Use in Metal Enclosed Low Voltage Power Circuit Breaker Switchgear

R. Puckett

- Was balloted with 36 affirmative and 9 negative.
- The Scope and PAR are being revised.
- Major issues were addressed and document is being revised for re-ballot.

f. C37.16 LV Power Circuit Breakers and AC Power Circuit Protectors – Preferred Ratings, Related Requirements, and Application Recommendations

N. Gunderson

- Scope and Purpose are being drafted.
- AC Tables were reviewed.
- DC tables were not addressed due to absences of “DC experts.”
- PAR is in process.

g. C37.17 American National Standard for Trip Devices for AC and General Purpose DC Low-Voltage Power Circuit Breakers

J. Mizener

- Voltages were added to the title.
- The Scope and Purpose were updated for the purposes of coordination with the PAR. PAR will be submitted.
- Definitions are being updated.

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- h. **C37.27 Application Guide for LV AC Nonintegrally Fused Power Circuit Breakers** D. Edwards
- The ballot for C37.27 / D9 was initiated and opens on Sept. 26 and will close on October 26, 2005. Thus, no WG meeting was held.
 - WG meeting will be held in the spring 2006 to review ballot and resolution of comments.
- i. **Update Document Status** D. Edwards
- Document Status was passed around room and for updates. The document status will be posted on the IEEE website.
 - Working Group memberships were discussed and updated.
 - PAR expiration dates to be added.
- 5. Old Business**
- a. **Membership recruitment** D. Edwards
- Local IEEE chapter and universities are to be contacted for each meeting.
 - McGill University – Engineering Department for Montreal but without participants.
- 6. New Business** D. Edwards
- b. Voltage details in LVSD standards.
What is recommendation for specifying voltages in the various titles of LVSD standards?
- Answer: Use device specific voltage(s), e.g. 635 Vac for C37.13 AC LV PCB's.
- c. New membership
- d. IEEE-SA MyBallot update. Discussion of initial experiences and Best Practices
- e. IEEE-SA patent policy. The IEEE-SA patents policy (<http://standards.ieee.org/board/pat/pat-slideset.pdf>) was presented at each WG meeting.
- f. Procedure for Meeting Rooms: From WG Chairs to Sub-committee Chair (not directly to Switchgear Committee secretary). WG Chairs, advise the Sub-Committee Chair concerning WG meeting room requirements (preferred schedule, number of participants, and A/V needs). Provide details no later than February 17, 2006. Requirements will be provided to Switchgear Committee secretary (Bill Long) by February 24, 2006.

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g. Main committee Meeting Items

- Report of standards out for ballot - C37.13, C37.27.
- C37.13.1 anticipated to be re-circulated by next meeting.
- Including voltages in various titles.
- Scheduling sub-committee meetings (coordinating with SA for Wednesday afternoon) opening up Wednesday for WG's.

h. Next Meetings

D. Edwards

- Spring 2006, May 7 – 11, 2006 (tentative – may change schedule due to re-scheduling of IEEE T&D show) San-Luis Resort Hotel, Galveston Island, Texas
- Fall 2006 –Milwaukee (updated after meeting)
- Spring 2007 – Vancouver (updated after meeting)
- Fall 2007 – Pittsburgh, PA

7. Adjourn

The meeting adjourned at approximately 9:58 AM.

Minutes submitted by:

D. Edwards
2005 October 5