

**C37.13 Working Group**  
**MINUTES OF THE Fall 2013 MEETING**

Hilton Palacio Del Rio, San Antonio, TX USA  
September 16, 2013

The meeting was called to order by Chair, D. Edwards, at 1:30 PM on September 16, 2013.

**Attendance**

Members: Total 16 present, 6 absent, 2 excused. Quorum was met.

Guest: 12

Members Present (Representing):

D. Dunne (Schneider)	D. Hrncir (Eaton)	D. Moser (ABB)
D. Edwards (Siemens)	A. Jivanani (GE)	O. Parks (ABB)
K. Flowers (Siemens)	H. Josten (Siemens)	D. Sigmon (Eaton)
L. Grahor (Eaton)	M. Lafond (GE)	M. Valdes (GE)
T. Hawkins (Siemens)	J. Mizener (Siemens)	
J. Hidaka (UL)	C. Morse (Eaton)	

Members Absent:

P. Barnhart (UL)	T. W. Olsen (Siemens)*	* Excused Absence
C. Kennedy (Schneider)	C. Schneider (Schneider)	
A. Livshitz (Schneider)*	P. Sullivan (Dupont)	

Guests (Representing):

S. Benson (Volta)	J. Kaminski (Siemens)	R. Rohr (Powell)
T. Burse (Powell)	P. Molson (CB&I)	A. Rowell (Eaton)
M. Flack (Southern Co)	S. Patterson (USBR)	M. Seabrook (GE)*
A. Jur (Eaton)	D. Riffe (Westinghouse)	R. Santosh (Powell)

\* Membership and attendance status updated in AMS system.

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1. Approval of Meeting Agenda

Agenda was discussed and approved by consensus.

2. Introduction of members and guests

Completed

3. Approval of the minutes

This step was missed. Minutes from C37.13 Spring 2013 Galveston meeting were not discussed or reviewed.

This will be reviewed at Spring 2014 Orlando meeting.

Link: <http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2013s/S13LVSDa1.pdf>

4. Standard Status

- a. PAR approved 01-Feb-2013. PAR Expiration 31-Dec-2017.
- b. C37.13-D6 provided to WG just before meeting and Comments Creating C37.13-D6a.
- c. Meeting – Draft D6 creation initiated during the WG meeting.

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5. Draft Update / Comments

- a. The revisions to C37.13 creating Draft D6 were summarized on a Comments Form. Chair made personal judgment and highlighted changes that were more needed review or being brought to the attention of the working group for review.
- b. Instantaneous Setting Task Force comments were reviewed during as going through the Comments Form. This included the previous discussions of “hidden” tripping characteristics.
- c. Main discussions included:
  - Dielectric voltage groups – Introduction updated to have Voltage Group of 600V nominal and below and 1000V nominal and below but above 600A.
  - Reference to IEC standards updated to reference IEC 60947-2 instead of IEC 60417. This change is made as IEC 60947-2 includes text concerning the Stored Energy mechanism which is adopted.
  - Definition of frame size updated to included “sensors for direct-acting trip devices.
  - Remote relay tripping – Discussed that the options for remote relay tripping are allowed but specific sections are not added.
  - Title for Table 3 updated for clarity.
  - Table 3 updated to clarify that short-time and short-circuit current preferred ratings are the same for breakers without instantaneous direct-acting phase trip elements.
  - Table 5 updated to introduce a designation of “O” for components which are optional. This is similar to the similar table from C37.14.
  - Power Frequency – Document updated to basically state, “50 Hz, 60 Hz, and 50/60 Hz and applied at 50 Hz or 60 Hz (one cannot apply at both frequencies at the same time.
  - Inst Task Force: Added text that published time-current characteristics should be clearly stated.
  - Inst Task Force: Long discussion concerning so-called use of “commit time” versus minimum clearing time. Use of term “commit time” was added in section 9.3.2.3 but is not yet defined. The anticipation is that this will drive additional comments and discussions.

6. Action Items

- a. Complete update of document creating Draft 6a and Comments Form.
- b. Add definitions
- c. Updated to current IEEE template.

Meeting adjourned ~ 5:00 PM.

Reported by:

Doug Edwards

Chair C37.13

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