

C37.13 Working Group
MINUTES
On-Line Meeting
September 1, 2015

The meeting called to order by Chair, D. Edwards at 2:00 PM (EDT) on September 1, 2015.

Attendance

Quorum: 12 total members present of 26 total members, thus Quorum not met.
0 guests participated.

Attendance is listed at bottom of this document. Membership and attendance status are updated in AMS system.

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- 1) Approval of Meeting Agenda
Review of comments and resolution so that Re-circulation Ballot (10-day) can be initiated
Agenda was reviewed – no issues.
- 2) Roll-call
Roll-call of participants was taken
- 3) Agenda Review
 - a) Colors & Text for Indicators
 - i) Standards Referenced: IEC 60947-2: LV Swgr & Controlgear – Part 2: Circuit Breakers
 - ii) Colors: No change from St. Pete Beach
 - iii) Text: No change from St. Pete Beach
 - iv) Symbols: I & O – No change. Spring Charged/Discharged – 6.5 Added last sentence, "Guidance on the symbols should be taken from IEC 60073."

All changes as presented in Draft D11.3 (primarily Sections 6.3, 6.4, and 6.5) were review and agreed to without change. Agreement reached on concept of referencing IEC 60073 for guidance but not creating specific symbols.

IEC 60073 will be added to the Reference Section 2.

- b) References: Minor issue was with UL 248-1. Comment i-92 was that UL 248-1 was only informative, not normative and thus should not be in the Reference Section 2. My position is that in Section 5.2 UL 248-1 is used in Normative manner.

Agreed to.

- c) Definitions: Any issues?

Review is that the added definitions (listed below) are in C37.17. As these definitions are in C37.17, they are not needed here and are therefore deleted. This includes:

- direct-acting overcurrent trip device (electromechanical)
- direct-acting overcurrent trip device (electronic)
- direct-acting trip device
- direct-acting

- d) 1200A Frame Size: Any issues? 1200A Frames are deleted through-out.

1200A Frame Size had been requested to be added into ~~C37.14~~C37.16 but when this was moved to C37.13 and based on negative ballot comments, the direction was to remove this as a Preferred Rating.

Agreement reached not to add (yes to delete) 1200A Frame Size at this time. This will be noted in the comments for future consideration.

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- e) "Remote Relay" changed to "protective devices not integral to the circuit breaker" (5.6.4, Table 4, Note c, A.2.2)

The change of text to "protective devices not integral to the circuit breaker" is agreed to. The document has additional changes (specifically in the appendix for this text). Chair shall make these changes.

- f) Short-time current and short-time current duration (5.7): Text added (5.7.1) and nameplate rating (6.2). Any issues?

The revision and details for short-time current and short-time current duration was reviewed and agreed to.

- g) Insulating Materials (performance-level Categories): Section 7.3.1.2 editorial revisions. Any issues?

The revisions and details for editorial changes to "performance-level categories" was quickly reviewed and agreed to.

- h) Published time-current characteristics (A3.2.2): Any issues?

The revisions and details associated with published time-current characteristics was reviewed and agreed to.

4) Action Items Review

- Item 3 a) Add IEC 60073 to references.
- Item 3 e) Update texts for "protective devices not integral to the circuit breaker."
- Update Comments form to remove the long history statements and only provide details associated with the resolution.
- Update Comments for "Accepted" items – Do not have any comment.
- Initiate recirculation ballot (10-day)
- Organize comments from upcoming ballot for San Diego WG meeting.

5) Roster Update (end of call)

Repeated Roster Roll-call to confirm attendees.

6) Adjourn

Meeting adjourned at 2:50 PM.

Reported by:

Doug Edwards

Chair C37.13

E: doug.edwards@ieee.org

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Attendance

Role	First Name	Last Name	Company
Chair	Doug	Edwards	Siemens Industry, Inc.
Member	David	Dunne	Schneider Electric
Member	Keith	Flowers	Siemens Industry, Inc.
Member	Lou	Grahor	Eaton Corporation
Member	Tom	Hawkins	Siemens Industry, Inc.
Member	Jeffrey	Hidaka	Underwriters Laboratories
Member	Harry	Josten	Siemens Energy & Automation
Member	Michael	Lafond	General Electric
Member	Jeffery	Mizener	Siemens Industry
Member	Charles	Morse	Morse Ventures, Inc.
Member	Darryl	Moser	ABB
Member	Dean	Sigmon	Eaton Corporation