

**C37.13 Working Group**  
**MINUTES OF THE SPRING 2015 MEETING**  
Tradewinds Island Resort, St. Pete Beach  
April 27, 2015

The meeting called to order by Chair, D. Edwards at 1:30 PM on April 27, 2015.

**Attendance**

Quorum: 19 total members present or 27 total members, thus Quorum met.  
25 guests participated.

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

- =====
- 1) Approval of Meeting Agenda  
The goal for this 4/27/2015 meeting to target resolution of key issues (listed in agenda) and comments which with "Rejected" disposition based on the C37-D10 1st Ballot Comments and Draft C37.13-D11.2.  
  
Agenda was reviewed and approved by consensus.
  - 2) Patent Slides  
No issues – Slides were approved via registrations to the Conference.
  - 3) Introduction of members and guests – Completed
  - 4) Minutes
    - a) Minutes from Fall 2014 Asheville meeting – Approved by consensus.
    - b) Minutes from March 20, 2015 Telephone Conference – Approved by consensus.
  - 5) Review of C37.13-D10 (1st Ballot) Comments and Draft C37.13-D11.2 key issues and items with Rejected comments reviewed as follows:  
Comments references to i-# are to the Comments form C37.13-D10 creating D11.2 Comments (Ballot D10) (2015-03-15).xlsx.
    - a) PAR Revisions (i-28, i-73, i-64, and i-38)  
D. Edwards reported that there was no need for a PAR change. The word "enclosed" is kept as was originally in the PAR for "enclosed low-voltage..."  
The word "respectively" relating the list of maximum and nominal voltages is considered editorial thus no PAR change is required for this change. The typo (misspelled) integrally was correct in the PAR but not correct in the document drafts, thus no PAR change is needed as the PAR does not need to be corrected.
    - b) Clearing Time (i-106)  
WG agreed with proposed resolution comments. Comment rejected, no change made. That is, that clear times as was detailed was correct and no additional text was needed.  
  
New Short-Time Rating or not? (i-39, i-113, i-43)  
Discussed that improving the details for how to conduct tests for non-preferred 0.5 s Short-time current duration test. For comment i-39, revised various sections (detailed in Comment Resolution) based on discussions.  
  
Summary of addition is:  
Test: Two periods of short-time current separated by 15 s is the tests.  
Preferred Rating: The preferred rating of 0.5 s is detailed.  
Rating: Rating is detailed

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Nameplate: Short-time current duration is added to nameplate.

- c) Manual Releases & Indicators - Colors and Wording  
Conclusion reached that Colors should be standardized and there should not be an option for flexibility listed in the standard should be not be allowed via working "preferred colors." The wording can be flexible including the option to as an alternative to just using the I and O symbols.

This issue will be reviewed in St. Pete Beach in the LVSD and AdsCom S/C meetings. Recommendations for resolution of this issue with be conclusion reached during this telephone conference, "standardized colors and flexible text including allow Symbols."

WG would reconsider if AdsCom recommendations are different from these recommendations.

- d) Limiting Remote Protection relays?  
Commenter withdrew comment. No change made.

- e) Published T-C Curves  
Commenter withdrew comment. No change made.

6) Action Items / Schedule

- a) Updated document C37.13-D11.2 and Comment Resolutions Spreadsheet to be provided with discussed updates – as summarized under section 5 of these minutes.  
b) Schedule is for re-circulation in NLT June 30, 2015.

7) Adjourn

Meeting adjourned at 10:15 AM.

Reported by:

Doug Edwards

Chair C37.13

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**Attendance**

<b>Role</b>	<b>First Name</b>	<b>Last Name</b>	<b>Company</b>
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	Dan	Hrncir	Eaton
Member	Anurag	Jivanani	General Electric
Member	Harry	Josten	Siemens Energy & Automation
Member	Chad	Kennedy	Schneider Electric
Member	Michael	Lafond	General Electric
Member	Jeffery	Mizener	Siemens Industry
Member	Charles	Morse	Morse Ventures, Inc.
Member	Darryl	Moser	ABB
Member	Ted	Olsen	Siemens Industry, Inc.
Member	Owen	Parks	ABB
Member	Dean	Sigmon	Eaton Corporation
Member	Paul	Sullivan	DuPont
Member	Marcelo	Valdes	GE
Guest	Thomas	Blair	Tampa Electric Company
Guest	James	Bowen	Aramco Services
Guest	Ted	Burse	Powell Industries, Inc
Guest	Clint	Carne	Schneider Electric
Guest	Daniel	Delfino	General Electric
Guest	Tanner	Esco	Eaton Corporation
Guest	Michael	Flack	Southern Company Generation
Guest	Anne	Good	Netshape Technologies, Inc.
Guest	Jeffrey	Hidaka	Underwriters Laboratories
Guest	David	Jackson	ABB
Guest	John	Kaminski	Siemens
Guest	Frank	Mayle	Technibus, Inc.
Guest	John	McClelland	Technibus
Guest	Casey	McCollum	ABB Inc
Guest	Shawn	Patterson	US Bureau of Reclamation
Guest	Dave	Riffe	Westinghouse Electric Company
Guest	Richard	Rohr	Powell Electrical Systems
Guest	Tim	Rohrer	Exiscan
Guest	Amy	Rowell	Eaton
Guest	Todd	Sauve	Rockwell Automation
Guest	Victor	Savulyak	DNV GL KEMA Laboratory
Guest	Erin	Spiewak	IEEE
Guest	Richard	Tanner	Schneider Electric
Guest	Robert	Warren	DNV GL - KEMA Laboratories
Guest	Larry	Yonce	Eaton Corporation