

C37.59 Working Group
MINUTES OF THE Spring 2016 MEETING

Sonesta Resort, Hilton Head, SC USA
8:00AM-12:00PM, April 25, 2016

April 25 2016: The meeting was called to order by Chair, M. Dean Sigmon at 8:00 AM.

Attendance

Quorum: 32 total members thus Quorum required 16 members.
Members: 22 members were present, thus quorum was met for meeting.
Guest: 11 Guest participated
Total: 33 total present

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

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1. Introductions and attendance

Introduction of attendees made.
Attendance roster distributed.

2. Approval of Meeting Agenda

Agenda was reviewed.
Motion by A, Morse
2nd by Jeff Mizener
Unanimously approved

3. Fall 2015, St. San Diego Working Group minutes

Minutes was shown and discussed.
No changes were identified.
<http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2015-2/F15ADSCOMa6REV1.pdf>

4. Reports from Active Task Groups

a. Metal Enclosed Conversion Task Force

Metal-Enclosed Conversions Task Force Team:

A. Patel (Chair)
M. Valdes
J. Thayalan

L. Yonce
M. Whitney

New text was added to C37.59-D6.1 based on details provided by Task Force. Lead paragraph is similar to:

Possible conversions of metal-enclosed interrupter switchgear include:

- a) addition of fuses to equipment not originally designed to have power fuses substitution of power fuses of a different type or rating than that for which the equipment was designed,
- b) replacing fuses with a stationary circuit breaker,
- c) replacing load break switch and fuse combination with a stationary circuit breaker,
- d) replacing a load break switch and fuse combination with a drawout circuit breaker, or
- e) replacing a non-load break switch with a drawout circuit breaker. All of these conversions require design verification.

Metal-Enclosed Conversions Task Force has completed their task and is disbanded.

b. Viewing Windows and Ports Task Force

Viewing Windows and Ports Task Force Team:

P. Barnhardt (Chair)
T. Rohrer

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M. Valdes

New text was added as provided by Task Force.

Revision highlights:

- a) Replacement references to NEMA enclosure classifications and replaced with “applicable for the equipment type and ratings.”
- b) Revised text to provide generic references to applicable standards versus providing a detailed list of standards.
- c) Revised text associated with covers.
- d) Added text for conversions associated with Arc Resistant Switchgear.

Metal-Enclosed Conversions Task Force has completed their task and is disbanded.

c. Remote Racking Device Task Force

Remote Racking Task Force Team:

A. Livshitz (Chair)	P. Sullivan	D. Delfino
T. Burse	J. Thayalan	A. Patel
D. Edwards	P. Barnhart	L. Yonce

Text and definitions added associated with:

- Temporarily mounted remote racking devices
- Permanently mounted external remote racking devices
- Permanently mounted internal remote racking devices
- Added definitions for terms associated with remote racking systems
- Text added in Section 6.1.7.3 (and sub-clauses) and Annex A.3.12

Remote Racking Task Force is not disbanded. Action items include:

- Review and update wording
- Add validation/test details

d. Compartment Adaptors Task Force

Compartment Adaptor Task Force Team:

D. Delfino (Chair)	D. Edwards
R. Rohr	M. LaFond (added)

Remote Racking Task Force is not disbanded. Action item include:

- Number of racking operations
- Interlocks verification tests
- Operational requirement
- Securement (fasteners) requirements

5. Review of C37.59-D6 and C37.59-D4 Comments creating draft D6.1

Comments form, although issues were discussed, was not reviewed.

6. Action Items Summary

- a. Document updates from Hilton Head discussions to be made.
- b. Draft C37.59-D6.1 (“dirty” draft – not cleaned up with all details from Spring 2016 meeting) will be distributed to WG for review and use.
- c. Request input from all Task Force for added text for creation of future drafts by May 31, 2016.

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7. Standard Status

PAR expires December 31, 2018.

8. Adjourn

Meeting was adjourned at 11:47 AM.

Reported by:

Doug Edwards

Vice-Chair C37.59

E: doug.edwards@ieee.org

Attendance

Role	First Name	Last Name	Company
Chair	Dean	Sigmon	Eaton Corporation
Vice-Chair	Doug	Edwards	Siemens Industry, Inc.
Member	Paul	Barnhart	Underwriters Laboratories
Member	Ted	Burse	Powell Industries, Inc
Member	Stephen	Cary	GE Energy Management
Member	Robert	Cohn	Powercon Corp.
Member	Daniel	Delfino	General Electric
Member	Tanner	Esco	Eaton Corporation
Member	Lou	Grahor	Eaton Corporation
Member	Paul	Grein	Circuit Breaker Sales, Co, Inc, - GroupCBS
Member	Anurag	Jivanani	Schneider Electric
Member	Michael	Lafond	General Electric
Member	Albert	Livshitz	CE Power Solutions
Member	Jeffery	Mizener	Siemens Industry
Member	Charles	Morse	Siemens Industry, Inc.
Member	Darryl	Moser	ABB
Member	Richard	Rohr	Powell Electrical Systems
Member	Tim	Rohrer	Exiscan
Member	Daniel	Sims	Eaton Corp.
Member	Paul	Sullivan	DuPont
Member	Jey	Thayalan	Schneider Electric
Member	Larry	Yonce	Eaton Corporation
Guest	Jeffrey	Hidaka	Underwriters Laboratories
Guest	Jose	Jarque	AZZ Switchgear Systems
Guest	Ryan	McClarnon	Utility Relay Company
Guest	Rahul	Pawar	ABB
Guest	Alan	Peterson	Utility Service Corporation
Guest	Dave	Riffe	Westinghouse Electric Company
Guest	Julian	Rizo	Xcel Energy
Guest	John	Shullaw	Retired
Guest	Jordan	Snider	Pacific Gas & Electric Co.
Guest	Michael	Titus	Schneider Electric
Guest	Helmut	Weiher	Utility Relay Company