

**C37.13.1 Working Group**  
**MINUTES OF THE SPRING 2015 MEETING**  
**TRADEWINDS RESORT, ST. PETE BEACH, FL USA**  
**APRIL 27, 2015 8:00 – 9:45 a.m.**

The meeting was called to order by Chair, Dan Hrcir at 8:01 a.m. and adjourned at 9:32 a.m.

**Attendance**

Quorum: 19 total members thus Quorum required 10 members.

Members: 19 members were present, thus quorum was met for meeting.

Guest: 7

Total: 26

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

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1. Dan Hrcir opened the meeting and welcomed those in attendance.
2. The attendees each introduced themselves and identified their affiliation.
3. Agenda was discussed and approved by consensus.
4. The minutes were emailed to those in attendance at the first task group meeting in Asheville prior to the meeting. Hrcir asked if there were any corrections or amendments, hearing none he asked for a motion to approve the minutes. Motion by Jeff Mizener to approve minutes as emailed, second by Allan Morse. Motion carried.
5. Standard Status
  - a. PAR was approved 12/9/2014; PAR expires December 31, 2019.
  - b. C37.13.1 and C37.13.1a creating D1 circulated prior to meeting.
  - c. C37.13.1 Draft 2 started during meeting.
6. Allan Morse suggested that IEEE Std C37.16 be removed from the reference list as the contents of this standard are being incorporated into IEEE Std C37.13, which will be accomplished before IEEE Std C37.13.1 is balloted and published. This was approved by consensus.
7. There was a discussion about the use of the word 'withstand' in the standard. After some discussion, the consensus was that the term should be removed where it is used referring to "short circuit current".
8. As in other Spring working group meetings, the color of the backgrounds of mechanical close and trip operators was discussed. Doug Edwards indicated that this discussion is to be held in the ADSCOM meeting on Thursday and requested that the matter be tabled in this meeting. By consensus, this matter was tabled until such time as there is a report and recommendation from ADSCOM.
9. Dean Sigmon asked for guidance on how the working group defines the phrase, 'definite purpose switching device'. Ongoing revision of IEEE Std C37.59 has adopted this phrase to describe both low and 5 kV medium voltage AC fused contactor devices. There are others who contend that the 'definite purpose switching' refers only to low voltage devices. After some discussion, Keith Flowers suggested that the definition should be added to IEEE Std C37.20.10. Then both C37.13.1 and C37.59 can both refer to these devices in the context of both low and medium voltage. From this discussion, "low-voltage definite-purpose switching device (LV-DPS device):" these proposed changes were made to the definition term.
10. There was some discussion related to the title of this standard. The title as we received the Microsoft Word version of the draft in the IEEE template inserted the words (1000

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volts and below) to the title. Noting that these particular fused devices have fuses that are rated for applications 600 volts and below. Hrnrcir indicated that the PAR was written correctly and did not insert the 1000 volt reference. With the understanding that the title could be corrected to 600 volts, discussion nevertheless continued on whether 1000 V fuses are available and whether the title should remain 1000 V. After some additional discussion, there was general but not unanimous agreement that the standard should not lead development of yet to be defined applications. Doug Edwards moved that the voltage should be changed to 600 v. Paul Sullivan seconded. The motion passed, 14 to 2, with the negatives being Jeff Hidaka and Darryl Moser. This change will require a revision of the approved PAR.

11. Hrnrcir requested a motion to adjourn. Art Jur made that motion, Darryl Moser seconded. The motion carried. We were adjourned at 9:32 a.m.

**Attendance**

Role	Type	First Name	Last Name	Company	City	State	Country	4/27/2015
Member	Member	Keith	Flowers	Siemens In	Eules	TX	USA	X
Member	Member	Doug	Edwards	Siemens In	Wendell	NC	USA	X
Member	Member	Charles	Morse	Morse Ven	Arden	NC	USA	X
Vice-Chair	Member	Dean	Sigmon	Eaton Corp	Greenwoo	SC	USA	X
Member	Interested Individual	Michael	Flack	Southern C	Birmingham	AL	USA	X
Member	Interested Individual	Amy	Rowell	Eaton	Asheville	NC	USA	X
Member	Member	Jeffery	Mizener	Siemens In	Ft. Worth	TX	USA	X
Chair	Interested Individual	Dan	Hrnrcir	Eaton	Arden	NC	USA	X
Member	Member	Paul	Sullivan	DuPont	Cassatt	SC	USA	X
Guest	Member	Sahadev	Gohil	AZZ/Centra	Fulton	MO	Other	X
Member	Interested Individual	Tanner	Esco	Eaton Corp	Greenwoo	SC	USA	X
Guest	Member	Deepak	Mazumdar	Central Ele	Fulton	MO	USA	X
Member	Interested Individual	David	Dunne	Schneider I	Cedar Rapi	IA	USA	X
Member	Interested Individual	Jeffrey	Hidaka	Underwrite	Northbrook	IL	USA	X
Member	Interested Individual	IEEE PES Swi	.	IEEE	Vancouver	WA	USA	
Member	Interested Individual	Michael	Lafond	General Ele	Plainville	CT	USA	X
Member	Interested Individual	Darryl	Moser	ABB	Wichita Fal	TX	USA	X
Member	Interested Individual	Lou	Grahor	Eaton Corp	Moon Tow	PA	USA	X
Member	Interested Individual	Clint	Carme	Schneider I	Cedar Rapi	IA	USA	X
Guest	Interested Individual	Ben	Rosenkrans	Eaton Corp	Horsehead	NY	USA	X
Guest	Interested Individual	Paul	Grein	Circuit Bre	Gainesville	TX	USA	X
Member	Interested Individual	Richard	Rohr	Powell Elec	North Cant	OH	USA	X
Member	Interested Individual	John	Kaminski	Siemens	West Chice	IL	USA	X
Guest	Interested Individual	David	Dart	NOJAPowe	Brisbane	Other	Australia	X
Member	Interested Individual	Robert	Warren	DNV GL - K	Chalfont	PA	USA	X
Guest	Interested Individual	Jose	Jarque	AZZ Switch	Fulton	MO	USA	X
Member	Interested Individual	Victor	Savulyak	DNV GL KE	Chalfont	PA	USA	X
Guest	Interested Individual	Todd	Sauve	Rockwell A	MILWAUKE	WI	USA	X
Member	Interested Individual	Arthur	Jur	Eaton Corp	Cleveland	TN	USA	X