

PC37.17 Working Group Minutes
IEEE STANDARD FOR TRIP SYSTEMS FOR LOW-VOLTAGE (1000 V AND BELOW) AC
AND GENERAL PURPOSE (1500 V AND BELOW) DC POWER CIRCUIT BREAKERS
JEFF MIZENER, CHAIRMAN
CLINT CARNE, VICE-CHAIRMAN

Meeting Date: 11 October 2021

Meeting Time: 10:15AM-12:00PM, CDT

Meeting Date: 13 October 2021

Meeting Time: 8:00AM-9:45AM, CDT

Location: IEEE SA WebEx

<https://ieeesa.webex.com/ieeesa/j.php?MTID=ma20172c830144712f2698709601611b7>

Meeting number (access code): 2343 198 3308

Meeting password: Sz6AX3EGm3X

Join by phone: +1-408-418-9388 (US Toll)

Access code = Meeting ID

A. Call to order

The 1st session meeting was called to order at 10:20AM CDT.

The 2nd session meeting was called to order at 8:05AM CDT.

B. Introductions

Roll call logged in the chat window to document attendees. 13 of 22 members and 10 guests were present at Session 1, 13 of 22 members and 8 guests were present at Session 2. Quorum threshold was met.

C. Approval of agenda as amended

The agenda was approved by unanimous consent. There were no Nay votes.

D. Approval of the minutes from the previous meeting

The minutes from the last meeting were approved. 1st Albert Livshitz, 2nd Richard Rohr. There were no Nay votes.

E. Instructions for Chairs of Standards Development Activities and IEEE SA Copyright Policy

The slides for "[INSTRUCTIONS FOR CHAIRS OF STANDARDS DEVELOPMENT ACTIVITIES](#)" and "[IEEE SA COPYRIGHT POLICY](#)" were shown to the working group.

F. Rules and guidelines for conducting working group meetings

Slides below were presented during meeting.

<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

G. Working group P&Ps

Slides below were presented during meeting.

[http://www.ewh.ieee.org/soc/pes/switchgear/O-and-P/PES_WG_PP-Switchgear--approved-\(2013-09-19\).pdf](http://www.ewh.ieee.org/soc/pes/switchgear/O-and-P/PES_WG_PP-Switchgear--approved-(2013-09-19).pdf)

H. Instructions for Chairs of Standards Development Activities and IEEE SA Copyright Policy

The slides for "[INSTRUCTIONS FOR CHAIRS OF STANDARDS DEVELOPMENT ACTIVITIES](#)" and "[IEEE SA COPYRIGHT POLICY](#)" were shown to the working group. These slides can be downloaded from the links.

I. Document status report

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- Current document: PC37.17_D05.0_2021.03.05_V4, circulated on 2021-09-24.
- Draft 4 was circulated prior to the meeting; 0 comments were received.

J. New business

- It was shared that "ANSI certification of C37.17 will expire in 2022. Exactly when the expiration will occur is not known". To minimize risk of losing ANSI certification, it was recommended to remove the uncompleted text on software updates as there is quite a bit of work yet to completed.
 - A motion to "leave the text of C37.17-2012 section "12 Software process verification" as is was made. The updates around software process verification will be withheld with intent to bring in at a future revision" was made
 - Albert Livshitz 1st, Keith Flowers 2nd
 - Request for motion by acclamation did not pass – Darryl Mosser
Opposed
 - Motion was then performed by roll call
 - Motion carried: 7 approved, 5 opposed, 0 abstentions
- The summary of below changes/topics was reviewed
 - Old definitions moved to an appendix
 - Changed "calibration marks" to "pickup settings" in section 7
 - Added section on Instantaneous (for electronic devices) to section 7
 - Moved GF definition 6.6 per WG recommendation
 - Added definition of "inverse-time delay"; and some minor wording changes per WG recommendation. .
 - The Scope and Purpose of the Draft was updated to match that of the PAR
 - The WG reviewed a strawman proposal to limit calibration marks for electromechanical devices and use pickup settings for electronic device.
- Actions
 - A next draft to be shared with the WG in the coming weeks.
 - WG asked to review section 7 to confirm that the range of settings as defined in the next draft are acceptable
 - Recommended that an informative annex be created that document historical trip system architectures
 - WG is requested to return all comments by November 5th, 2021.
 - Ballot pool to be formed

K. Conclusion

- Wrap-up and discussion of next steps was noted in actions above
- The PAR closes in 2022.
- The next meeting: April 10-15, 2022 in Hilton Bonnet Creek, Orlando, FL
- Session 1 meeting ended at 12:00 PM CDT
- Pause was taken between sessions Monday to Wednesday
- Session 2 meeting ended at 9:45 PM CDT

Meeting minutes respectfully submitted by Clint Carne

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Attendees List:

Last name	First name	Affiliation	Role
Bohrer	Christopher	URC	Guest
Carne	Clint	Schneider Electric	Secretary
Delfino	Daniel	ABB	Member
Edwards	Doug	Siemens Industry, Inc.	Member
Flack	Michael	Southern Company Services, Inc.	Member
Flowers	Keith	Siemens Industry, Inc.	Member
Garcia	Kaylor	Utility Solutions Inc	Guest
Grahor	Lou	Eaton Corporation	Member
Hook	Daniel	Western Electrical Services	Member
Hrcir	Dan	Eaton	Member
Lafond	Michael	ABB	Member
Lagree	James	Eaton	Member
LEVI	JOZEF	DOBLE ENGINEERING	Guest
Livshitz	Albert	CE Power Engineered Services	Guest
McClarnon	Ryan	Utility Relay Company	Guest
Mizener	Jeff	Siemens Industry, Inc.	Chair
Moran	Ashley	IEEE Standards Association (IEEE-SA)	Guest
Moser	Darryl	ABB	Member
Parks	Owen	ABB	Guest
Perrin	Damian	Entergy Services, LLC.	Guest
Rakus	Paul	Eaton	Member
Rohr	Richard	Powell Electrical Systems	Member
Sigmon	Dean	Eaton Corporation	Member
Sullivan	Paul	DuPont	Guest
Thomas	Christo	SCHNEIDER ELECTRIC USA INC	Guest
Tiwari	Dhirendra	ABB	Guest
Wiese	Greg	Schneider Electric	Guest
Xu	Chunmeng	Georgia Institute of Technology	Guest
Yu	Li	EATON	Guest
Zia	Danish	UL LLC	Member