

**IEEE C37.100.1 Working Group
Meeting Minutes
San Diego, CA
October 11th 2023**

1. Welcome

The meeting was called to order by Chairman John Webb, at 3:45 PM PST. The Chairman welcomed everyone both guest and working group members.

2. Introduction of members and guests

The chair requested all attendees to introduce themselves including both name and affiliation. 19 of 25 working group voting members and 49 guests were in attendance. Quorum was met.

3. IEEE-SA Patent Policy

The Chairman reminded attendees that the IEEE copyright slides, and IEEE patent policy slides were provided with the meeting invitation and thus would not be presented in detail absent a request to review. The chair called for any knowledge of essential patents required to implement the standard, no claims or issues were raised this meeting.

4. Approval previous meeting minutes and meeting agenda

Meeting minutes were shown for F'21, S'22, F'22, S'23. Due to quorum not being met at previous meetings. Motion to approve the minutes was made by Pat DiLillo and seconded by Frank DeCesaro. Minutes for the past meetings were approved by acclamation.

5. Discussion Topics

- The iMeetCentral to be Project Repository & Coordination Members and guests were reminded to ensure their participation in the IEEE iMeetCentral system was active. [\[https://ieee-sa.centraldesktop.com\]](https://ieee-sa.centraldesktop.com)
- PAR set to expire 12/24. Chair anticipates going to ballot after the Spring meeting and requesting a PAR extension based on comments from the results of the ballot.
- Copyright Clearance Request
 - Previously approved material from IEC 62271-1 is still available for use, but IEC must be notified of any changes.
- Visible break
 - Working Definition from C37.74 (in revision) shown for discussion.
 - General agreement that the basic definition acceptable absent the NOTE which was specific to load interrupter type equipment.
- Gas tightness
 - C37.100.1-2018 has no common requirement; comparison table had been prepared by earlier task force without rec. for common values.
 - Task Force Table shown, but TF chair has not attended past several meetings.
 - New TF formed: George Becker, Karla Trost, & Jeremy Hensberger

- Pollution & Creepage
 - Table comparison shown for C37.100.1 - C37.04 - & 62271-1
 - Values for draft determined during previous WG meetings. These were presented to WG and no objections were voiced.
- Altitude Correction Factor (no 'step' at 1000m)
 - Previous WG meetings recommended to use historical values that starts at $\leq 1000\text{m} = 1.0$ without 'step' function. No objections were voiced.
- Chair reviewed other changes made to date without objections from WG.
- Test Location of radiation meter
 - Continue to point to C37.85
- Peak Factors
 - Rated Peak Withstand Current
 - Remove 16.7 and 25 Hz
- Temperature Limits Chart
 - Currently listed as "In SF6" switch to Reactive/Non-Reactive
 - Neil McCord to provide info
- Test Tolerances
 - Frank DeCesaro presented his work on the table

6. Next steps

John to schedule a virtual meeting before next face to face meeting. The next planned face to face meeting of the working will be at the Spring 2024 meeting in Ft. Lotterdale, FL. Notify John and/or Russell if any attendees want to be a member.
The presented content will be posted in iMeetCentral

7. Adjourn

The meeting was adjourned by the Chairman at 4:57 PM PST.

Reported by Russell Boyce,
Secretary

Attachments: (1) Attendance

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023
Chair	Webb, John	ABB	X	X	X	X
Secretary	Boyce, Russell	Eaton	X	X	X	X
VM	Bufi, Arben	Meiden America Switchgear, Inc.	X	X	X	X
VM	Chen, Steven	Eaton Corporation	X	X	X	
VM	Creach, Randy	AZZ Switchgear Systems	X	X		X
VM	DeCesaro, Frank	DeCesaro Consulting Services	X	X	X	X
VM	Di Michele, Federico	CESI S.p.A.		X		X
VM	Flores, Sergio	Schneider Electric Inc. USA	X	X		X
VM	Gohil, Dave	Avail Switchgear Systems		X	X	X
VM	Hurst, Bill	GE			X	X
VM	Irwin, Todd	GE Grid Solutions		X	X	X
VM	Jarnigan, Chris	Southern Company Services		X	X	X
VM	Leccia, Brad	Eaton		X	X	X
VM	May, Steve	Southern Company		X	X	X
VM	McCord, Neil	KEC Precision		X		X
VM	Meyer, Pete	S&C Electric Company		X		X
VM	Reigart, Carl	CDR Technical Services, LLC	X	X	X	
VM	Ricciuti, Anthony	Eaton Corporation	X	X	X	X
VM	Rokser, Ian	Eaton Corp	X	X		X
VM	Trost, Karla	G&W Electric	X	X	X	X
VM	Westerdale, Matt	Bureau of Reclamation			X	X
NVM	Alexander, Brian	S&C Electric Company		X	X	
NVM	Anderson, Tim	Aluma Form			X	X
NVM	Aristizabal, Mauricio	Hitachi ABB Power Grids		X		X
NVM	Becker, George	Power Engineers Inc.	X	X		X
NVM	Blake, Jacob	Hubbell Power Systems			X	X
NVM	Chovanec, Andy	GE Power	X	X		X
NVM	Cook, Tim	Pascor Atlantic	X	X	X	
NVM	Cunningham, Jason	Southern States, LLC		X	X	
NVM	Di Lillo, Pat	Consolidated Edison Co. of NY, Inc.		X	X	X
NVM	Door, Jeff	The H-J Family of Companies	X		X	X
NVM	Ekpoudom, Chris	Southern States LLC	X			X
NVM	Fleming, Brennen	Hubbell Power Systems			X	X
NVM	Glinsky, Ilya	Southern California Edison			X	X
NVM	Hanna, Robert	JST Power Equipment	X	X		
NVM	Hastreiter, Chris	Eaton	X	X		X
NVM	Hensberger, Jeremy	Mitsubishi Electric Power Products Inc.		X	X	X
NVM	Hermosillo, Victor	GE Grid Solutions		X		X
NVM	Hunter, Jen	MEPPI		X	X	X
NVM	Keels, Andy	kEElectric Engineering	X			X
NVM	Kowalik, Pete	Cleveland/Price Inc.	X	X		X
NVM	Kurinko, Carl	ABB Inc.	X	X		X
NVM	Lee, Changhoon	HYOSUNG	X	X		
NVM	Lopez, Leo	WIKA		X	X	

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023
NVM	Marshall, Vincent	Southern Company	X	X	X	X
NVM	Pattison, Mary	The H-J Family of Companies	X		X	X
NVM	Reid, Laura	Hubbell Power Systems	X	X	X	X
NVM	Ross, Rob	Cleaveland/Price	X			X
NVM	Schiffbauer, Dan	Toshiba International Corporation		X	X	X
NVM	Sharma, Devki	Entergy	X		X	
NVM	Skidmore, Mike	AEP		X	X	
NVM	Stemmerich, Joe	Trayer Engineering	X			X
NVM	Swing, Donnie	Powell Industries	X		X	
NVM	Toups, Vernon	Siemens		X	X	
NVM	Usner, Joe	AEP	X	X		
NVM	Weeks, Casey	Siemens Energy, Inc.	X	X		X
NVM	Weisker, Jan		X	X		X
NVM	Wolfe, Dan	MEPPI		X	X	X
NVM	York, Rich	Mitsubishi Electric Power Products Inc.	X	X	X	X
25	<- # Voting Members # Present ->					19