

**C37.23 Metal-Enclosed Bus Working Group
Meeting Minutes (by Mark Roberson, Secretary)
04/11/22 (Monday), 3:45 PM EST
Hilton Bonnet Creek, Orlando, FL**

1. Call to Order

The meeting was called to order by Jared Hines, Chair at 3:45 PM (EST)

2. Introductions and Attendance

Jared Hines introduced himself as the Chair and Mark Roberson as the Secretary for this Working Group (WG) and welcomed all members and guests. There were 22 total attendees (see end of this document for list) that were present. Each attendee confirmed their participation via verbal response as well as entering their name and affiliation via the attendance sheet:

- 22 total people were in attendance
- 13 of 28 (46.4.8%) WG members participated, thus quorum was not met
- 9 guests participated

3. Previous Meeting (Spring 2021) Minutes

Jared Hines noted that the Fall 2021 meeting was not held, and so presented the meeting minutes from the previous meeting (virtual) held on April 20, 2021. Carl Schneider moved to approve those minutes by consent and Paul Barnhart seconded.

4. Meeting Agenda

Jared Hines presented/reviewed the meeting agenda. Carl Schneider moved to approve it by consent with Paul Sullivan seconding.

5. IEEE Working Group Policies and Procedures/Copyright Policy/Patent Policy

Jared presented/reviewed the IEEE (SA) approved Working Group Policies and Procedures protocol, which can be found here: [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).

In addition, slides were reviewed that cover the IEEE-SA copyright and patent policies. Jared asked if there were any patent claims. ***No issues were voiced by the meeting attendees.***

6. Document Status Report

Jared Hines mentioned that the new C37.23 PAR, which was formally approved by NESCOM on September 23, 2020, expires on December 31, 2024.

7. Old Business

Jared noted that the Arc Resistance Ad Hoc group last met on 11/11/21.

8. New Business

Jared noted that he sent with this meeting's notice the latest C37.23 draft standard for review along with a blank "Comments" file. The WG was asked to review the standard, enter comments into the blank file, and submit to him/Mark (by August 2022) for discussion/review at the next WG meeting.

Jared also noted that our C37.23 WG now has a collaborative workspace within iMeet Central where all WG documentation will be maintained.

Other Topics:

• **C37.100.6 Liaison**

- Jared introduced Eddie Wilke, the Chair for C37.100.6 *Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications*, who asked if criteria for Metal Enclosed Bus (MEB) should be included in an Annex within that standard?
 - If any criteria will be added, it needs to be submitted by December 2022.
 - A comment was made that since MEB is not pad-mounted (like Switchgear), it would be difficult to define criteria.
 - Jared asked if there was a volunteer with the C37.23 WG who could lead this effort; after discussion, it was determined that no one in the meeting was qualified to assist at this time.
 - A comment was made that the Annex could still be added to C37.100.6 in time for the December 2022 deadline with a statement such as “this topic is under consideration” which would allow more time in the future for more qualified individual(s) to help develop MEB criteria.
 - A motion was made by Ted Burse to add the Annex with this type of wording
 - Tom Hawkins seconded the motion by consent with no opposition
- Since the latest C37.20.2 and C37.20.3 standards are close to being completed/released, Jared stated that he will obtain the latest drafts from the respective WG Chairs so that consistency can be maintained between those standards and C37.23.
- A question was asked as to whether verbiage could be added to the C37.23 standard that addresses how to avoid “hot-spots” in MEB.
 - A point was made that the purpose of the standard was to specify the testing requirements for ME, but not to specify how to design MEB to meet those requirements.
 - Another comment was added that a “normative reference” could potentially be added to help address this topic, if desired.

9. Next Meeting

The next meeting is currently scheduled to be held during the next Switchgear Committee meetings from October 16-21, 2022. Further details of this planned meeting will be forthcoming before that date via email notification.

10. Adjournment

The meeting ended at 5:00 PM EST.

**C37.23 Metal-Enclosed Bus Working Group Meeting
04/11/22 (Monday), 3:45 PM EST, Hilton Bonnet Creek, Orlando, FL
Attendee List**

Attendees:	Name		Affiliation (if known)	Role
	First	Last		
1	Jared	Hines	(Chair) Eaton	Member
2	Mark	Roberson	(Vice Chair/Secretary) AZZ Bus Systems	Member
3	Paul	Barnhart	Underwriters Laboratories	Member
4	Ted	Burse	Powell Industries	Member
5	Matthew	Claxton	Powell Industries	Member
6	Bob	Cohn	Powercon	Member
7	Randall	Creach	AZZ Switchgear Systems	Member
8	Jeff	Door	The H-J Family of Companies	Member
9	Sergio	Flores	Schneider Electric	Member
10	Paul	Gingrich	AZZ Switchgear Systems	Member
11	Dave	Gohil	AZZ Switchgear Systems	Member
12	Tom	Hawkins	Siemens	Member
13	Paul	Sullivan	DuPont	Member
14	Gary	Haynes	ABB	Guest
15	Ken	McKinney	Underwriters Laboratories	Guest
16	Chirag	Patel	Powell Industries	Guest
17	Al	Pruitt	Durham	Guest
18	Jeffrey	Ricker	Schneider Electric	Guest
19	Carl	Schneider	Schneider Electric	Guest
20	Matthew	Siena	Duke Energy	Guest
21	Jacob	Walgenbach	Siemens	Guest
22	Eddie	Wilke	Eaton	Guest
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