

**IEEE C37.20.4 Working Group  
Meeting Minutes  
Web Meeting (Reno, NV Canceled)  
USA May 5, 2020**

**1. Approval of meeting agenda and previous meeting minutes**

The agenda was presented by the Chairman. Garrett Sims motioned, and Ron Hartzel seconded the approval of the agenda as presented. There were no objections.

Chand Taylor motioned, and Garrett Sims seconded the approval of the meeting minutes from the last meeting. There were no objections.

**2. Welcome and member attendance**

The meeting was called to order by Bob Cohn, Chair at 8:05 AM. Ron Hartzel motioned, and Garrett Sims seconded. Bob welcomed the members and guests. 15 of 21 working group members of C37.20.3 and 3 guests were present. Quorum threshold was met.

**3. Introduction of members and guests**

Introductions were made by calling role for working group members and guests were asked listed their name and affiliation in the chat box.

**4. IEEE-SA Patent Policy & Copyright Policy**

The Chairman presented the IEEE-SA patent policy & copyright slides to the group. The policy was reviewed and acknowledged during the meeting. No claims or issues were raised at the C37.20.4 Working Group meeting.

**5. Update C37.20.4 Roster and Document Status**

C37.20.4 Roster of working group members and guests present was taken by secretary Russell Boyce.

**6. Technical Topics**

- Possible addition of testing criteria for switch used to disconnect fixed mounted auxiliary devices (i.e. CPTs & VTs)
  - It was discussed that it would be useful utility metering compartments
  - There was an agreement that most switches used now in these conditions are over kill due to not having a specific type and standard.

- A comment was made that mechanical endurance test, number of operations, and other design parameters must be identified
    - Task force to investigate Chand Taylor to lead, Bob Cohn, Dave Gohil, Garrett Sims, Russell Boyce, and Mina Youssef to assist.
    - Task for to submit first pass by 7/6/20
  - Bob shared his updates removing 100.1
    - Section 5.8 keep add tables 4 & 5 w/o 480V
    - Task force to compare Annex B of 30.4 Bob Cohn to lead, Ron Hartzel, Chand Taylor, Paul Barnhart, Andrew Peterson, Chris French to assist.
      - Summation due 7/6/20
    - 6.1.1 Look at 7.1.2 annex D and make decision during SA if necessary. Bob to send copy to SA for review
    - Remove wet test sections
    - Remove PD testing on assembly
    - Remove 100.1 sections that were labeled “does not apply”
    - All sections that apply will need to be evaluated
    - Possibly harvest language from C37.20.9-6.16 for guidance on x-ray and GIS reference
      - Pad mount switches not a good reference
      - Vacuum interrupters shall comply with ANSI (NEMA) C37.85.
      - Note from attendee DEU131603 to everyone: 7.11 X-Ray procedure for vacuum interruption
    - 6.18.2 remove as we did in C37.20.2
    - 6.18.4.3 and 6.18.4.4 Remove
    - Remove 7.8 & 7.13 & 7.15
    - Note that if we have a test requirement, we should have a construction requirement

## 7. Next steps

Chair Bob Cohn to circulate draft 1 to working group members after cleaning up, revising areas needing input from other standards, and getting response from SA. An additional web meeting will be held before the Fall IEEE meeting in Fort Worth, TX.

## 8. Adjourn

Chair Bob Cohn called for a motion to adjourn. Ron Hartzel motioned, and Garrett Sims seconded to Adjourn. The meeting was adjourned at 10:47 AM.

## 9. Attendance

| <u>Last name</u> | <u>First name</u> | <u>Company Name</u>                                | <u>Role</u> |
|------------------|-------------------|--|-------------|
| Cohn             | Robert            | Powercon Corp.                                     | Chair       |
| Boyce            | Russell           | Eaton  | Secretary   |
| Ambrose          | Chris             | Federal Pacific (Div. of Electro-Mechanical Corp.) | Member      |
| Barnhart         | Paul              | Underwriters Laboratories                          | Member      |
| Creach           | Randall           | AZZ Switchgear Systems                             | Member      |
| French           | Christopher       | Eaton Corporation                                  | Member      |
| Gohil            | Sahadev           | AZZ Switchgear Systems                             | Member      |
| Hartzel          | Ronald            | Eaton Corporation                                  | Member      |
| Hollander        | Jason             | CHA Consulting, Inc.                               | Member      |
| Peterson         | Andrew            | ABB  | Member      |
| Phouminh         | John              | PEPCO HOLDINGS, INC.                               | Member      |
| Sims             | Garett            | Eaton Corp.  | Member      |
| Taylor           | Chand             | Eaton Corporation                                  | Member      |
| Wirz             | Torsten           | ABB  | Member      |
| Youssef          | Mina              | Eaton  | Member      |
| La Terreur       | Monique           | STACE  | Guest       |
| Wisnewski        | Joe               | UL   | Guest       |
| Door             | Jeff              | H-J  | Guest       |

Reported by Russell Boyce, secretary of C37.20.4 Working Group.