

C37.100.1 WG

Common Requirements for HV Power Switchgear Rated Above 1000 V

May 6, 2014 – Orlando, Florida

The Working Group for the revision of C37.100.1-2007 held its 5th meeting on May 6, 2014 in Orlando, Florida. 14 WG members and 14 guests were present.

Meeting was called to order at 4:15 PM by David Stone (Chairman)

Oral Introductions of meeting members followed and attendance sheets were circulated.

The agenda was reviewed and approved. In like manner, the minutes of the previous meeting were reviewed and approved. It was noted that the last meeting was one year ago in Galveston, Texas; no meeting was held in San Antonio in September 2013.

All attendees were reminded of the process and access requirements to retrieve information from the IEEE document archives at the following URL:

<http://grouper.ieee.org/groups/c37/100/1/private>.

Username and password were shown at the meeting and may be requested by WG members from the Chairman.

Working group objectives: The Chairman stated that the purpose of the project was to prepare the normal five-year review and revision of the standard. This involves general updates and technical revisions submitted by IEEE members. However, since not changes have been proposed by the Switchgear members, the revision effort is being directed toward further harmonization with the IEC 62271-1 Common Specifications standard that is currently under revision by the IEC MT34.

IEC 62271-1:

IEC MT34 is expected to issue a second CD in early June. An unapproved but nearly final draft was made available to the working group to use until the official CD is available.

Task Force Review: The task force membership for each clause was reviewed and reaffirmed. Each Task group was asked to begin their review as soon as possible with proposals sent to the Chairman for inclusion in a revision draft for the September meeting.

IEC editors are requiring the elimination of “hanging paragraphs” in all their standards. MT34 is complying with this directive with the result that several new subclauses are being introduced and many other renumbered. In order to stay in step with this clause ordering, WG C37.100.1 will follow suit in this process. Note that the IEEE Style manual does not allow hanging paragraphs either although this requirement has not been enforced.

The Chair reviewed several “guidelines” that IEC MT34 has been following and asked the

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Task Force members to use them as appropriate. These guidelines are included in the Introduction to the latest IEC CD draft.

The new IEC draft was reviewed briefly to conclude the meeting.

Next meeting: September 23 or 24, 2014 Asheville, NC

David Stone, Chair

Annex A: Attendance: C37.100.1-2007 WG Meeting May 1, 2013
X = present at meeting

| Role | First Name | Last Name | Company | Country | 5/3/2014 |
|----------------|-------------|--------------|---------------------------------|-------------|----------|
| Chair | David | Stone | DTS Technical Services | USA | X |
| Secretary | Larry | Yonce | Eaton Corporation | USA | excused |
| Member | Chris | Ambrose | Federal Pacific | USA | X |
| Member | George | Becker | The United Illuminating Company | USA | X |
| Member | Robert | Behl | ABB | USA | X |
| Member | W.J. (Bill) | Bergman | PowerNex Associates Inc. | Canada | excused |
| Member | Antone | Bonner | Eaton | USA | X |
| Member | Anne | Bosma | ABB AB | Sweden | excused |
| Member | Russell | Boyce | Eaton | USA | X |
| Member | Ted | Burse | Powell Industries, Inc | USA | excused |
| Member | Frank | DeCesaro | Eaton's Cooper Power Systems | USA | excused |
| Member | Denis | Dufournet | Alstom Grid | France | excused |
| Member | Donald | Elliott | ABB | USA | absent |
| Member | Leslie | Falkingham | Vacuum Interrupters Limited | UK | X |
| Member | Lawrence | Farr | Eaton Electrical | USA | X |
| Member | Edward | Jankowich | Representing ABB/T&B | USA | X |
| Member | Hua Ying | Liu | Southern California Edison | USA | X |
| Member | Albert | Livshitz | CE Power Solutions | USA | absent |
| Member | Peter | Meyer | S&C Electric Company | USA | excused |
| Member | Gerard | Schoonenberg | Eaton | Netherlands | excused |
| Member | Robert | Smith | Eaton Corporation | USA | excused |
| Member | James | Swank | Eaton's Cooper Power Systems | USA | X |
| Corresp Member | Arun | Arora | Consultant | USA | |
| Corresp Member | Arben | Bufi | Hitachi HVB, Inc. | USA | |
| Corresp Member | Gilbert | Carmona | Southern California Edison | USA | X |
| Corresp Member | Steven | Chen | Eaton Corporation | USA | |
| Corresp Member | James | Collins | CRC Industries | USA | |
| Corresp Member | Larry | Davis | Reuel Inc | USA | |

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|----------------|-------------------|-------------|---------------------------------|-----------|---|
| Corresp Member | Ken | Edwards | Bonneville Power Administration | USA | |
| Corresp Member | Charles | Hand | Southern California Edison | USA | |
| Corresp Member | Kenneth | Harless | Pascor Atlantic | USA | |
| Corresp Member | Harold | Hirz | Thomas and Betts | USA | |
| Corresp Member | Jingxuan (Joanne) | Hu | RBJ Engineering Corporation | Canada | |
| Corresp Member | David | McMullen | Southern Company Services | USA | |
| Corresp Member | Steven | Meiners | GE | USA | |
| Corresp Member | Muhammad | Omer | ABB Inc | USA | |
| Corresp Member | Larry | Putman | Powell Electrical Systems Inc. | USA | X |
| Corresp Member | Carl | Reigart | Hubbell Power Systems/USCO | USA | X |
| Corresp Member | Hugh | Ross | Ross Engineering Corporation | USA | |
| Corresp Member | Carl | Schneider | Schneider Electric | USA | |
| Corresp Member | Paul | Sullivan | DuPont | USA | |
| Guest | Jean-Marc | Biasse | Schneider Electric | France | X |
| Guest | Christopher | Borck | Eaton's Cooper Power Systems | USA | X |
| Guest | David | Dart | NOJAPower | Australia | X |
| Guest | Edgar | Dullni | ABB | Germany | X |
| Guest | Reid | Herzog | OG&E | USA | X |
| Guest | Jared | Hines | Eaton Corp. | USA | X |
| Guest | Travis | Johnson | Xcel Energy | USA | X |
| Guest | Matthew | Lawrence | Doble Engineering | USA | X |
| Guest | Bradley | Lewis | AEP | USA | X |
| Guest | Devki | Sharma | Consultant | USA | X |
| Guest | Donald | Swing | Powell Industries | USA | X |
| Guest | James | van de Ligt | CANA High Voltage Ltd. | Canada | X |
| Guest | John | Vartanian | National Grid | USA | X |
| Guest | Terrance | Woodyard | Siemens Industry Inc. | USA | X |