

Minutes of the Meeting held on  
April 28<sup>th</sup> and 30<sup>th</sup>, 2010 in Myrtle Beach, SC - US

Joint IEC/IEEE revision of IEEE C37.013: IEEE Standard for AC High-Voltage  
Generator Circuit Breakers Rated on a Symmetrical Current Basis

IEC TC 17 / SC 17A / WG 52

IEEE WG PC37.013

The Working Group met on April 28<sup>th</sup>, 2010 and on April 30<sup>th</sup>, 2010 in Myrtle Beach, SC - US.

The following people attended the meetings:

- Bergman Bill
- Bufi Arben (attended only the meeting on April 28<sup>th</sup>)
- Dufournet Denis
- Falkingham Leslie
- Kashima Junichi
- Long Bill
- Montillet Georges (attended only the meeting on April 28<sup>th</sup>)
- Oemisch Joachim
- Palazzo Mirko
- te Paske L.H.
- Willieme Jean-Marc
- Zehnder Lukas

Main points:

- Welcome
- Introduction of the WG members
- It is confirmed that IEEE-SA has given authorization for the WG to use the clause numbering system as in IEEE C37.100.1, which is identical to the system used in the IEC 62271 series of standards. In case different words are used by IEC and IEEE to identify the same item it was agreed to adopt the following structure: IEC term (IEEE term).
- The Dual Logo standard will have the IEC number 62271-112; however it is not yet clarified whether it will also continue to carry the C37.013 designation.
- The task to adapt the text of the current version of IEEE C37.013 to the IEC template is on going.

- The following comments have been reviewed (relevant documents have been uploaded to the “Library” section of the WG members website):
  - Comments received from countries following circulations of 17A 838 DC;
  - Comments received from working group members;
  - Comments received from IEEE-SA headquarters as result of reaffirmation ballot in 2008.
- The first draft of the clause 6 (i.e. design tests) of the document has been reviewed (relevant document has been uploaded to the “Current Working Document” section of the WG members website).
- The possibility to set the delayed current zero and out-of-phase switching current tests as mandatory tests has been discussed.

Next Steps and Agreed Actions:

- Editorial – Correcting style (finalize)
- Formatting to latest template (clause numbering) (finalize)
- References – expand and correct for latest versions
- Finalize the clause 6 (i.e. design tests) (LZ, HtP (cl.6.108, out-of-phase making and breaking tests))
- Provide a test value for the generator-source short-circuit current expressed as percentage of the system-source short-circuit current (MP).
- Propose wording for the description of the procedure to simulate the arc-voltage of the breaker (LZ, MP).
- Propose wording for clause 4.106, rated out-of-phase making and breaking current (RWL)
- Propose wording for clause 7, routine tests (JO)
- Propose wording for clause 10, tests after delivery (RWL)
- Propose wording for cable charging switching tests (JO)

Next Meetings:

- June 22<sup>nd</sup> and 23<sup>rd</sup> 2010 – KEMA's "Elektrum", Arnhem, The Netherlands.
- September 29<sup>th</sup> and 30<sup>th</sup> 2010 – Las Vegas, US.
- January 2011 Florida (US) or Georgia (US) - tentatively.