

IEEE Power Engineering Society  
Switchgear Committee  
C37.20.7 Working Group Report  
May 21, 2001

The working group met on May 21, 2001 to review revisions to address the comments received with recirculation ballots on D15. Attendance included 5 WG members and 10 guests. Excused absences were E. Byron, J. Smith, and M. Beard. The IEEE-SA ballot was successful (affirmative) but the C37 ballot did not get adequate return.

Mr. Swindler and Mr. Koepfinger had objected to issuing C37.20.7 until such time as an application guide could be added. The WG voted unanimously to proceed with issuing C37.20.7, with the intent of developing an application guide later. This application guide could be either an annex to the C37.20.7 document, or a separate document.

Mr. Telander has commented that the language of the document regarding Type 3 accessibility suggests that type 3 accessibility provides increased personnel protection compared to type 2. In reality, type 3 construction is intended to reduce the collateral equipment damage that occurs, and does not provide increased personnel protection. Because of this, he suggests that type 3 accessibility be reclassified and that the document be restructured to clearly distinguish type 3 from types 1 and 2. He also feels that the use of the indicators should be eliminated for the purpose of evaluating the difference between types 3 and 2. The WG discussed an alternative of using heavier fabric, but elected to keep the existing fabric for convenience in testing.

A vote to move type 3 to an annex resulted in 11 persons in favor, 1 opposed.

Allowance will be made for both types 1C and 2C, by appending a suffix "C" to either of the two types. The "C" designation is intended to indicate a type which demonstrates some measure of reduced collateral equipment damage compared to types 1 or 2, but this does not imply an increased level of protection for personnel compared to types 1 or 2.

The Scope will be reworded to specifically address the "C" enhancement, instead of allowing for more accessibility types beyond the "C" types.

Use of the term "accessibility" should be eliminated in the annex. Definitions of accessibility types will be modified appropriately, along with the description of indicator placement. Indicators will remain at 150 g/m<sup>2</sup> (the same as for types 1 and 2) as a convenience in testing.

A subgroup met after the meeting, and drafted new wording for a D15c to be distributed to the WG, followed by submittal to IEEE for a recirculation ballot with the intent of completing the process by the Fall IEEE-SA Standards Board meeting.

Report submitted by: M. Wactor  
WG Chair