

Switchgear Committee  
 C37.16 Working Group Report  
 May 8 2006

This was the second working group meeting for C37.16. We reviewed the first sections and the tables related to the ac power circuit breaker (Tables 1 to 5) of the draft version (V2). Attendance on May 8, 2006 (1:30PM to 5:10PM) included 11 WG members.

Attendance

Members	P/A	Guests	
Paul Barnhart	A	Mike Abrahamsen	
Don Colaberardino	P	Dick Cobbage	
David Dunne	P	Harry Josten	
Doug Edwards	P	Frank Mayle	
Tm Faber	P	Jeff Mizener	
Mike Flack	P	Paul Notarian	
Keith Flowers	P	Alan Wilson	
Nancy Gunderson	P	Jim Wiseman	
Ward Laubach	A		
Albert Livshitz	A		
Jean-Claude Maurice	P		
Deepak Mazumdar	A		
Allan Morse	P		
George Nourse	A		
Ted Olsen	A		
Charles Ross	P		
Paul Sullivan	A		
Dean Sigmon	P		

Discussions:

- Reviewed the patent slides per IEEE Policy.
- Reviewed and updated the PAR. The PAR will be submit to Ted Olsen for review.
- Have updated to the 2005 Style manual but will turn off line numbers.
- Decided to move Table 22 from this Standard to C37.17 and related notes on Tables 1 and 2.
- Deleted Table 6 related to motor loads because C37.13 has been revised and no longer references this Table.
- Tables related to C37.29 will be deleted since the Standard will withdrawn.
- Adding row in Tables 1 and 2 for 6000A AC circuit breaker. Some member discuss the possibility of removing 600A, but it was decided to leave it, as some manufacturer or user still use it.
- Doug Edwards will contact Stan Telander to discuss the format of Tables 1 and 2. The Working Group did not understand the intended relationship between frame rating and short-circuit current rating. Others models of those table where present to the meeting and unless Doug Edwards (or other members) come with some explanation the two table will change as the option 2 and the maximum voltage will be describe in a note.
- On Table 2 the expression Short-time refer to Long-time values, the expression will be change
- Tables 1 and 2 will have Dielectric Withstand column removed and changed to a note because it is the same value for the whole table.
- Table 3 will be revised to indicate overload endurance for 3000 – 6000A frame sizes are not applicable due to no motors at those ratings.

- Table 4 Endurance ratings. Long discussion regarding quantity of operations is much low compared to newly designed devices, but original quantities needed for legacy products. New Table proposed for "high endurance" ratings.
- DC Tables – Chuck Ross, Deepak Mazumdar, and George Nourse will review and revise appropriately for the next meeting.

Jean-Claude Maurice, C37.16 Chair, and Nancy Gunderson C37.16 Vice- Chair