

Switchgear Committee
 C37.16 Working Group Report
 2 Oct 2006

This was the third working group meeting for C37.16. We reviewed all Tables 1 through 22 of the draft (D5). Attendance on Oct 2, 2006 (1:30PM to 5:30PM) included 12 WG members.

Attendance

Members	P/A	Guests	
Paul Barnhart	A	Mike Abrahamsen	
Don Colaberardino	P	John C. Webb	
David Dunne	A	Joseph Marsko	
Doug Edwards	P	Allen Peterson	
Tm Faber	A	Teresa Hood	
Mike Flack	P		
Keith Flowers	P		
Nancy Gunderson	P		
Ward Laubach	A		
Albert Livshitz	P		
Jean-Claude Maurice	P		
Deepak Mazumdar	A		
Allan Morse	P		
George Nourse	P		
Ted Olsen	A		
Charles Ross	P		
Paul Sullivan	P		
Dean Sigmon	P		

Discussions:

- Reviewed the patent slides per IEEE Policy.
- Reviewed and updated the PAR. The PAR will be submit to NESCOM this week.
- Tables related to C37.18 will be deleted since the Standard will withdrawn. This is Table 7 and a reference to C37.18 from Table 14,
- Tables 1 and 2 – Decided to retain 600A frame ratings as some manufacturers or users still use it.
- Long discussion regarding formatting of Tables 1 and 2. There is general consensus to add more short-circuit ratings but not yet consensus on how to present the additional information. If Tables 1 and 2 are significantly changed, will put last revision into informative annex for historical information. Potential alternatives will be discussed at LVSD meeting.
- The table related to motor rating (tables 6,16 and 18) will be deleted if there's up to date information on another standard related to motor(NEMA). A reference to this standard have to be include if we deleted theses tables.
- Table 4 Endurance ratings. Noticed inconsistency between values in Table 4 and Table 5, and realized values in Table 4 had been changed from last revision. Values will be returned to original values. Idea of including a new table with higher endurance ratings will be presented to C37.13, since there is no value in adding a table unless the relevant Standard will address how to use that table.
- Columns in Table 5 will be re-ordered to correspond to Table 4.
- DC Tables – Chuck Ross, Deepak Mazumdar, and George Nourse presented some changes for the DC tables. We will delete Tables 11 and 12. The rows for 300V circuit breakers will be deleted from Table 11A. Other possible changes to Table 11A are still under review.

- Need others to review DC general purpose tables.
- Accepted Table 22 into this Standard back from the C37.17 Working Group.
- Table 22 will be expanded to add values for 6000A, 8000A, 10 000A, and 12 000A. The 8-12kA are specifically for the DC breakers presently made.
- Changed Table 17 to apply to integrally and also non-integrally fused circuit breakers. It had been noted that non-integrally fused circuit breakers were not adequately addressed. Table 17 will be expanded to include ratings at 3000, 4000, 5000, and 6000A.
- The Annex A have been remove because now is it part of C37.13. But because we also use for dc breaker the annex will be put back for dc breaker only.

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