

**IEEE Working Group D-7
IEEE Fall Working Group Meeting
Nashville Meeting Minutes (October 10, 2012)**

Summary

The working meeting of Working Group D-7 was held in Nashville, TN. There were 29 members and 15 guests in attendance.

Members in Attendance

Hanna Abdallah	Bryan Beske	Steve Brown	Robert Brown
Jorge Cardenas	KS Chan	Dennis DeCosta	D. Lane Garrett
Steve Greenfield	Charles Haahr	Martin Havelka	Rich Keil
Dave Kelly	Henri Lemeilleur	Reginaldo Maniego	Cary Mans
Mike Noori	Pathik Patel	Christian Robles	Jesse Rorabaugh
Hamid Sharifnia	Will Sheh	Doug Smith	Curtis Stidham
Brian Story	CeCe Syarif	Keith Wallace	Alexander Wong
Shashi Patel			

Guests in Attendance:

Mike Eads	Bob Nowell	Mike Rzasa	David Stamm**
Ryan Stargel	Peter Burd**	Kenneth Strahl	Jim Macroglo
Carson Day**	Jon Martin**	Shashikant Patel	Erin Spiewak
William Lively**	Michael Mattera	David Cady**	

** Requested membership status

The meeting began with introductions. An attendance list was passed around the room. Rich Keil gave a brief update of the proceedings from the previous meeting and the minutes were approved.

IEEE Standard 80

The industry ballot pool consisted of 159 participants and had a high percentage of members categorized as “Users”. The maximum number of users allowed is 33% per IEEE Standards so Rich worked to get the pool membership balanced so that balloting process could proceed.

A copy of the draft document to be balloted was submitted to IEEE Editorial staff and Rich has made changes as recommended. Many of the recommendations were in regards to using the word safety. Most were in an effort to soften the language but not change the meaning of the intent.

The ballot was sent out beginning of October and closes October 31, 2012. To date we have received 44 respondents; 41 affirmative, 0 negative, 3 abstentions. From the respondents there were 32 comments. The comments were basically editorial. We have 27% of the ballots returned and we are well on our way to getting the 75% return required.

We need to have the ballots resolved and the document completed by October 2013 to meet the requirements of the PAR. IEEE needs to approve by end of 2013 so it must get on the docket for the December 2013 meeting. As a means to resolve the ballot the following have volunteered at the Raleigh meeting to be part of the Balloting Resolution Committee: Steve Greenfield, Jesse Rorabaugh, Keith Wallace, Brian Story, Rich Keil, Lane Garrett, and Curt Stidham.

**IEEE Working Group D-7
IEEE Fall Working Group Meeting
Nashville Meeting Minutes (October 10, 2012)**

The Ballot Resolution Committee will work to get the comments addressed in advance of the working group meeting at the IEEE JTC Meeting in January 2013. Following the JTC meeting we will work to get all the changes completed to the documents by summer 2013 and finalize it at the Nashville meeting in the fall and then get it off to the Standards Committee so it can get on RevCom's agenda.

Guests from Commscope were in attendance and wanted to contribute information that they have as it relates to the Ampacity of bi-metallic conductors. The test data they have showing fusing current deviates a little from the results from the formulas in IEEE Std80. Commscope's test data shows results where the actual values are about 5%-8% higher than the current calculated. Commscope would like to add a note to the section on copper-clad steel stating that the results may be higher than calculated. Since Commscope does not have anyone in the balloting pool they will have to submit comments as Rouge comments.

Pete Burd will propose recommendations that will be included in the meeting notes and included into the ballot comments. See following page for comments provided.

2013 Meeting Schedule:

IEEE Joint Technical Committee Meeting Jan 13-17, 2013
Annual Substations Meeting, Pittsburg, PA April 28 – May, 2013
Fall Meeting Oct 7-10, 2013 Nashville, TN

Curt Stidham
D-7 Secretary

**IEEE Working Group D-7
IEEE Fall Working Group Meeting
Nashville Meeting Minutes (October 10, 2012)**

Commscope recommended changes to 80-2010

Add to section 11.2.2:

Independent testing shows the actual short term fusing currents for copper clad steel exceed those calculated by equation 37 because of the phenomenon of variable heat capacity of steel explained in note d of Table 1.

Also add to note e on Table 1:

Manufactures of Copper Clad Steel may be able to provide test data to help guide a decision as to which size product is appropriate for a particular situation. Refer to section 11.2.2.

Change to page 46 - line 23

The line reads; Example 2: To calculate the thermal capacity of a 19 No 9 Copperweld® 40% IACS copper clad steel.

The Copperweld® should be omitted as it refers to a manufacturer. It is our understanding that IEEE discourages the use of product manufacturers in the standard(s).

Thank you for your support.

Pete Burd
Commscope Technology Manager
Bimetals Products
Tel: (704) 589 4623
Email: pburd@commscope.com