

Working Group D5 – IEEE 998 Meeting Notes

Portland, OR

Spring 2014

- **Introductions**
 - 17 members in attendance
- **Show minutes from 2013 Fall meeting in Nashville, TN**
- **Tutorial**
 - Bob Nowell mentioned that people complained that a half day tutorial was too short.
 - Brian Cain raised suggested that a tutorial in the 2015 Spring Minneapolis meeting could be a half day tutorial with additional examples
 - Don and Brian will talk to Joe Gravelle to see if any other presentations will happen.
 - Don would like to see more assistance from universities during this next revision.
 - If the group has any suggestions for potential presenters or experts, email Brian or Don.
- **Open discussion on improvements to the Guide for the next revision**
 - Lane Garrett brought up the idea of creating a 998.1 guide with the examples from 998 annexes.
 - Chuck Haahr mentioned that Bill Chisholm and Franco agreed that Section 3 is outdated.
 - Franco could potentially add updated wording.
 - Lane: Gary Engmann referenced that BIL in EGM was not appropriate. Lane would like to see this issue investigated.
 - Brian Cain is investigating where Gary left off on Bill Chisholm's BIL, Z_s , and surge impedance striking distance
 - Bryan Beske would like to see simpler examples in the Annexes. Would like to see another survey of which methods substation owners worldwide utilize. The reason would be to make the guide more concise for the end user. It was suggested that a second survey about what a consultant recommends should be conducted.
 - Lane would not know how to answer the survey. He mentioned that the examples are hit or miss, and would like to see EGM tables stating the probability of a hit with examples that miss.
 - Bryan Beske will ask if the ICLP, CIGRE, or IEC has conducted the similar survey. Franco should be copied on these questions.
 - Lane: in order to avoid an over-complicated process, we will need to come up with a more efficient process for processing survey results.
 - Chuck would like to figure out which examples we're keeping and to redraft figures in those examples.
 - Tom Proios: younger engineers need guidance as to which method to use.
 - Bob noted that IEEE does not recommend any specific method.
 - The previous tutorial is not available for review by the WG. It is available for \$35.
 - Meeting adjourned.