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1. Summary

A meeting was held by working group E9 to continue preparation for the future draft of the standard and continue to review feedback based upon the most recent late 2014 release of the standard. The meeting followed upon the agenda items set forth by discussions held Minnesota earlier in 2015. Please refer to the notes from that meeting for the specifics of the discussion. This meeting focused upon reviewing the findings of the individuals that combed the current release of the standard.

2. Agenda Officer's Announcement

A thank you to the team was offered and confirmation that this group will continue to meet at least annually to further review the standard acceptance.

3. Introduction of Members and Guests (all) / Sign-In Sheet

Attendees: 27 members and guests, 23 members (total membership: 31)

Membership Status	Role	First Name	Last Name	IEEE Member ID	10/6/2015
Active	Member	Mamoon	Abedraboh	Yes	X
Active	Member	Bryan	Beske	Yes	X
Active	Member	Dale	Boling	Yes	X
Active	Member	Jorge	Cardenas	No	X
Active	Member	William	Carman	Yes	X
Active	Member	David	Garrett	Yes	X
Active	Member	Steve	Greenfield	Yes	X
Active	Member	Martin	Havelka	No	X
Active	Member	Robert	Hobbs	Yes	X
Active	Member	Terri	Hopkins	Yes	X
Active	Member	Richard	Keil	Yes	X
Active	Member	JON	MARTIN	Yes	X
Active	Member	Carl	Moller	Yes	X
Active	Guest	Robert	Nowell	Yes	X
Active	Member	Shashi	Patel	Yes	X
Active	Guest	Anil Babu	Poda	No	X
Active	Member	Christian	Robles	Yes	X
Active	Member	Jesse	Rorabaugh	Yes	X
Active	Secretary	Michael	Rzasa	Yes	X
Active	Member	Will	Sheh	Yes	X
Active	Member	Doug	Smith	Yes	X
Active	Guest	Ryan	Stargel	Yes	X
Active	Member	Curtis	Stidham	Yes	X
Active	Vice-Chair	Brian	Story	Yes	X
Active	Member	Yance	Syarif	Yes	X
Active	Guest	Kamran	Tabarraee	Yes	X
Active	Member	William (Bill)	Tocher	No	X

4. Status of PAR

The PAR was successfully completed in 2014. Key members of the working group are continuing to review the standard and collect feedback so as to initiate a PAR at a future date. A targeted date PAR date has not been planned.

5. Discussion Summary

The meeting agenda covered three key topics with the following highlights listed below:

- Past Meeting Notes Summary Provided and accepted
- 837-14 Section Review
 - o Section 4, 5 and 6
 - It has been advised to further define Family Definition as well as a style definition and further clarify testing requirement and when certain tests may be transferred from design element to design element.
 - What is the buyer getting versus what they are expecting by purchasing an “IEEE qualified” design
 - Consider moving Annex D into the body of the standard
 - In 5.3.2.2 of the standard it mentions a “specified value”, yet it seems ambiguous, further clarify
 - Verify the units of the throughout the standard
 - o Section 7 and 8
 - To be covered at a future meeting
 - o Section 9 and 10
 - To be covered at a future meeting
 - o Section 11
 - To be covered at a future meeting
 - o Review of Figures
 - Figure 1 – Add clarity as to why 10 mm was selected for slippage
 - Figure 2 – No comments
 - Figure 3 – Resistance will not work with a Ground Rod for Total_Resistance_Calculated
 - Figure 4 – Recommended to offer a value as to how high the test should be off the ground
 - Figure 5 – Note 5 looks to have some artifacts from the publish process
 - Figure 6 – Clarify “typical” and further define the layout and loop setup
 - Figure C.1 – Possible consider aligning this to Copper
 - Figure E.1 – Has a different format than the rest of the document, align
 - Figure E.2 – Clear up publishing artifacts
- Future Standard Feature Brainstorm
 - o Qualification Section – Offer different levels of qualifications based on performance. Provide clarity to the levels for clear communications

- Test vs. Reality – Explain why certain tests are completed and how they relate to confidence in real world situations
- Further define the “dead-ends” in the test setup. How held and constrained
- Further corrosion testing
- Consider the testing above and below grade
 - Possible Design Of Experiments testing to verify impact
- Consider developing a mechanical analog to the EMF testing

6. Future Action Planning

	Description	Due	Owner	Status
1	Publish Notes	12/1/2015	Rzasa, Mike	Complete
2	Review Section 7 and 8	5/25/2016	Simha, Vinod	In Process
3	Review Section 9 and 10	5/25/2016	Palmer, Steve	In Process
4	Review Section 11	5/25/2016	Blanc, Jean	In Process
5	Collect the files used for the figures and get to the web site	12/1/2016	Trombley, Logan	In Process

7. Next Meeting

Next meeting will be held in Atlanta, GA to continue to review the present standard usage and visualize a future PAR. The meeting is scheduled for late May 2016.

Thank you to everyone for your help!