

Stray and Contact Voltage Working Group
Matthew Norwalk, Chair
Daniel Chen, Vice Chair
Scott Kruse, Secretary

Web-Based Meeting

November 22, 2016
11AM – 12PM (PST)

Approved Meeting Minutes

The Stray and Contact Voltage Working Group Chair held a web-based meeting to review a modified draft of the Table of Contents for the next revision of IEEE 1695. There were approximately 19 people connected at the beginning of the meeting.

The meeting began with attendee introductions and a posting of the obligatory slides.

The group began discussion of the drafted Table of Contents. There was concern that the livestock section was missing some specific animals i.e. horses, but it was stated that they were all considered confined livestock and that's how it was addressed in the guide. Matt added that, Section 4 Human and animal electrical sensitivity, needs to be taken over and a literature review done for various animals.

There was some discussion around 3rd harmonic at substations and it was suggested to add content under asset specific mitigation in section 8.

It was mentioned that some of the feedback received from Utilities indicates that the swimming pools and boat docks section needs content and case studies. Additionally, it was suggested holding focus groups with utilities that have licensed the guide may be the best way to get useful feedback. The discussion focused on the need to incorporate case studies into the new document. Anthony Cedrone will provide urban contact voltage case studies at the January meeting.

Two additional items that should be added to the document are pool float sensors in the test equipment section and concentric neutral testing in the test section.

Dave Kalokitis volunteered to be section lead for Test Equipment.

Before concluding the meeting, the floor was open for roundtable discussion. Larry Conrad updated the group with regard to the polling he had done to see if there was concern about 3rd harmonic in residential HVAC equipment. Due to the lack of response he feels the concern is not at the level which would require manufacturers to limit 3rd harmonic.

The next meeting will be at the 2017 IEEE PES Joint Technical Committee Meeting, January 8-12, 2017, in New Orleans, Louisiana.

The meeting concluded at 12:52PM (PST).