

Minutes for Working Group C37.30.1

October 5, 2020

“Virtual Ft. Worth” Videoconference

- The working group met for one session on October 5th beginning at 10:15
- 36 participants were in attendance. See the attached attendance roster.
- 20 out of 27 working group members were in attendance achieving a quorum.
- WG Chair Carl Reigart informed the WG that the meeting would be recorded to aid in generating the meeting minutes and asked for any objections.
 - No participants objected.
- Attendees introduced themselves with their affiliations.
- WG Chair Carl Reigart addressed the members and guests of the WG to identify any patent conflicts.
 - There were no members or guests that brought up any patent conflicts to the WG.
- WG Chair went through IEEE SA copyright slides and informed the WG the following from the PowerPoint slides:
 - IEEE SA’s copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual.
 - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy.
 - WG Chair went through Annex B.
 - Provided historical background and comments from ballot that produced task force of James Houston, Carl Reigart, Laura Reid, Devki Sharma, and Brett Boles.
 - Highlighted and walked WG through C37.36b-1990.
 - WG Chair shared how calculations started by David McMullen were computed and expanded upon with additional Annex B Task Force work.
 - Calculated maximum allowable arc reach, maximum resistive or transformer excitation current, maximum bus, line, or cable capacitive current and compared to IEEE C37.36b-1990 Table 2.
 - Invited comments from the working group.
 - James Houston discussed how adjusting currents would be easier than adjusting phase spacing and conservatively wanted to use the lower values. Concerned with raising current values with knowledge of field issues with interrupting too much current.
 - Discussions were brought up about the effect of a change to Annex B in 30.1.
 - WG Chair informed Minimum metal to metal distances allow proper maintaining of dielectric values.
 - Potential flash over could occur per James Houston if values are raised from current values and discussed how that has happened before with utilities trying to break too much current.

- Devki Sharma offered that he would share calculations he utilized for company with WG Chair.
- WG Chair informed the WG needs to review and make a decision about what to do with Annex B. WG needs to go out for recirculation by the end of this year.
- WG Secretary called on each WG member to determine if meeting in 2 weeks to individually review the discrepancies and decide how to proceed after the 2 weeks.
 - Decision to meet in 2 weeks was unanimous among members called on by WG Secretary.
 - WG Chair informed WG that survey would be sent out to WG to poll members about best time to reconvene in 2 weeks.
- WG Chair informed WG that we would proceed with ballot comments as is after reviewing in previous meetings and by e-mail.
- WG Chair informed WG that he would request PAR extension in hopes of going out for recirculation after Annex B resolution.
- The meeting adjourned 11:27 AM.

Jacob Blake
WG Secretary

Name	Affiliation	Member/Guest	Attendance Session 1
Brian Alexander	S&C Electric Canada	G	X
Richard Barber	Hubbell Power Systems	G	X
David Beseda		G	X
Jacob Blake	Hubbell Power Systems	M	X
Brett Boles	Southern Company	M	X
Steven Brown	Allen & Hoshall	G	X
Timothy Cook	Pascor Atlantic	M	X
Jeramie Cooper	Eaton	M	X
Charles Corley	Eaton	G	X
Frank DeCesaro	DeCesaro Consulting Services	M	X
Steven Donahue	Royal Switchgear Manufacturing	M	X
Daniel Ellison	Southern Company	G	X
Richard Frye	Eaton	G	X
Ilya Glinsky	Southern California Edison	M	X
John Hall	TVA	M	X
Gary Haynes	ABB	M	X
Danny Hoss	Southern States	M	X
James Houston	Southern Company	M	X
Bill Hurst	GE	M	X
John Kaminski	Siemens	M	X
Pete Kowalik	Cleveland Price	M	X
Jeremy Moore	Pascor Atlantic	G	X
Christopher Mortan	Powertech Labs, INC.	G	X
Dennis Neitzel	Electrical Safety Consultant	G	X
Bansi Patel	BRP Consultants	G	X
Laura Reid	Hubbell Power Systems	M	X
Carl Reigart	Hubbell Power Systems	Chair	X
Brent Richardson	Hubbell Power Systems	G	X
Caryn Riley	Georgia Tech/NEETRAC	G	X
Rob Ross	Cleveland Price	G	X
Devki Sharma	Entergy	M	X
Jon Spencer	Utility Solutions	M	X
Sushil Shinde	Mitsubishi Electric Power Products	G	X
Donald Swing	Powell Industries	M	X
Francois Trichon	Schneider Electric	M	X
Joseph Usner	AEP	M	X
Marcus Young	Mitsubishi Electric Power Products	G	X