

PSCCC E0 Subcommittee Meeting Minutes (WLS-2020-031-R002)

Designation: E0	Name: Wire Line Subcommittee (WLS) (Formerly SC6)			
Meeting Location: Virtual	Meeting Time: 13:00 (1 PM EST)	Meeting Date: 2020/11/18	Minutes Revised:	Minutes Approved: 2020/12/16
Presiding Officer: John Fuller (Chair)		Recorded by: Mark Tirio acting for Joe Boyles (Secretary)		
Attendance:				
Name		Affiliation		Attending via Phone (P) / Web (W) or Local (L) M/CM/G
Jean De Sève	Hydro Quebec	W	M	
Ernest Duckworth, Jr.	LPGI & Affiliates	P	M	
John Fuller	AT&T	W	M	
Ernie Gallo	Ericsson	W	M	
Robert Heinlin	Retired AT&T	P	M	
Del Khomarlou	Hydro One, OFSC (F0)	W	M	
Bill McCoy	Independent Telecom Consultant	W	M	
Randall Mears	RLH	P	M	
Percy Pool	Consultant	W	M	
Mark Tirio	Positron	W	M	
Larry Young	Retired CenturyLink	W	M	
Shamariah Jointer	AT&T	W	G	
Daniel Nordell	Xcel Energy (CO)	W	G	
Kurt Seeliger	AT&T	P	G	
M: Member CM: Corresponding Member G: Guest				

Item no.	Notes	Action by
CALL TO ORDER	Chair, John Fuller called the meeting to order at 1:05 PM Eastern Std time	Fuller
INTRODUCTIONS AND QUORUM	Introductions were made since several guests were in attendance. Certified that quorum was achieved, with eleven (11) members attending.	Tirio
CHAIR'S REMARKS	See Agenda Item 5.	Fuller
AGENDA APPROVAL	Review and Approval of the Proposed Agenda Agenda reviewed and approved without edit with motion by Bill McCoy and seconded by Mark Tirio.	Fuller
APPROVAL OF PREVIOUS MINUTES	Review and Approval of Previous Meetings Minutes Previous meeting minutes from 10/20/20 (WLS-2020-028) were reviewed, corrected, and subsequently approved as corrected with motion by Bill McCoy and seconded by Mark Tirio.	Fuller
AGENDA ITEM 4	Copyright Policy, Call for Patents and Essential Meeting Guidelines – No intellectual property items or questions identified. No concerns were raised by any of the members in attendance.	Fuller
AGENDA ITEM 5	Chair Comments: <ul style="list-style-type: none"> Reviewed a recent e-mail request from Chris Preuss encouraging formal reviews of submitted papers for the PES General Meeting Conference. The majority of these 21 papers deal with cyber security issues. No new reviewers were identified. WLS is seeking Technical Editor volunteers; these are needed immediately. 	Fuller
AGENDA ITEM 6	Liaison/PES Activity <ul style="list-style-type: none"> John noted that there will be rotation of leadership positions on the PSCC, soon to be announced. NFPA 70 (NEC) and SCC18 updates (McCoy/Gallo). McCoy reapplied under JTCC of PES/IAS in August, with results expected 12/2020. Significant efforts underway to move content to Chapter 7 including content from Chapter 8 and Class 4 limited power circuits requirements. Consideration of adding shielding requirements for house LAN-type wiring- generates equipment availability/evolution concerns; possible reference to Article 250 requirements. Ongoing Task Group meetings processing Public Inputs. Utility exemptions and independence of Chapter 8 are being challenged, with supporting recommendations from Task Group (next moving to Panel 1). Other Task Groups currently putting together recommendations, some ill-advised, dealing with CAT5/CAT7 metallic shields. IEEE C2 (NESC) updates (Gallo). Face-to-face meetings have been postponed indefinitely. NESC publication has been delayed for one year (now slated for 2023). Planned 2022 preprint is available, including attachments and 5G deployment issues. OFSC (OFSC) updates (Khomarlou). D2 Committee has new Chair and Vice-Chair. Dealing primarily with 525 and addressing grounding of communications cables. Want to expand into arena of grounding in substation. Minutes from 11/13/20 meeting to be shared in separate email. OFSC is progressing with IEEE 1138 and working through required voting protocols for 1595 (Optical Phase Conductor); target publication YE 2021. Also, a presentation addressing short-circuit fault currents using X/R will be shared via e-mail. 	Fuller/ Gallo/ McCoy/ Khomarlou

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AGENDA ITEM 7	Old/Continuing Business Part A Review of Standard 820-2005, <i>IEEE Standard Telephone Loop Performance Characteristics</i> . <ul style="list-style-type: none"> Draft revised standard documents <i>P820d2 marked.pdf</i> and <i>P820d2 clean.pdf</i> are available in iMC WLS Standard Development folder. Draft to be submitted to IEEE S.A. for Mandatory Editorial Coordination prior to balloting. Searching for new technical editor; Dan Ashton can no longer serve in this capacity going forward. 	Fuller/ Pool
AGENDA ITEM 8	Old/Continuing Business Part B Review of the GPR/ZOI guide, <i>IEEE Introductory Guide for Determining the Ground Potential Rise and Induced Voltages for the Design of Communications Installations at Electric Supply Locations</i> . <ul style="list-style-type: none"> P487a PAR approved 6/3/20 (See iMC WLS PAR folder). The P487a Annex J contribution overall was accorded an extensive overview by Ernie Gallo. Changes saved as 2020-022-R005. Mark Tirio contribution WLS-2020-029 Rev1 for Clause 2.5 Zone of Influence was reviewed, edited and incorporated. Jean De Sève committed to provide a contribution for Clause 2.5.1 related to the evaluation of multiple electric supply locations with overlapping ZOI's. This draft remains under development for proposed baseline content. Members are requested to review and give comments to the preliminary draft. 	Fuller/ Gallo / Tirio
AGENDA ITEM 9	Old/Continuing Business Part C Proposed changes to IEEE Std 487.3-2014, <i>IEEE Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of Hybrid Facilities</i> . <ul style="list-style-type: none"> P487.3a PAR approved 6/3/20. Baseline draft P487_3aD1.pdf available for viewing in iMC WLS Standard Development folder. Compliant draft is due from the Technical Editor; however, D. Ashton can no longer function in this capacity. John solicited for a new TE, and Mark Tirio volunteered to step into this role immediately. John will forward the requisite draft Word document to Mark Tirio without delay, so the needed updates may proceed. 	Fuller
AGENDA ITEM 10	Old/Continuing Business Part D Content review and possible changes to IEEE Std 367-2012, <i>Recommended Practice for Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault</i> . <ul style="list-style-type: none"> The Ad Hoc group has reached out for volunteers to participate. De Sève reported that 5-6 people now comprise this group. Reference Contribution WLS-2020-013 (De Sève). Other contributions are pending. PAR will be developed based upon output of this study group. 	Fuller/ De Sève
AGENDA ITEM 11	Old/Continuing Business Part E Review IEEE Std 1692-2011, <i>Guide for the Protection of Communication Installations from Lightning Effects</i> . <ul style="list-style-type: none"> Treatment due by YE 2021. Continued review of Contribution WLS-2020-019R004 (Pool), resumed at Item #44 and suspended after Item #51, due to time limitations. Saved revision as WLS-2020-019R005. Future contribution anticipated for rephrasing Item #13 (Ashton). Previously developed content to be used for the request for PAR. 	Fuller/ Pool

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AGENDA ITEM 12	Review of homework assignments (new and continuations from previous meetings) <ul style="list-style-type: none"> Baseline document for new GPR Guide continued- Gallo is continuing work on this document. The new P487.3a Technical Editor (M. Tirio) is preparing official draft by next WLS meeting. There are Style Manual details which must be incorporated in the improved draft. Fuller to reach out to IEEE 80 WG. Plans to email to officers requesting participation and/or liaison for P367. Ashton or Fuller preparing contribution for rephrasing Item #13 of WLS-2020-019. 	Fuller/ Gallo / Tirio
AGENDA ITEM 13	Future Meetings <ul style="list-style-type: none"> Next meeting on-line 12/16/20 1-4p EST. Will consider the feasibility of scheduling a January virtual meeting during the upcoming 12/16 meeting. Possible future WLS FtF Meeting venues indefinitely postponed due to travel expense challenges and duration of COVID-19 related restrictions. 	Fuller
AGENDA ITEM 14	Open Discussion/Other Business <ul style="list-style-type: none"> Reminder- Please request contribution number from Secretary Joe Boyles before submitting. 	Fuller
ITEMS REPORTED OUT OF EXECUTIVE SESSION	None.	
TIME OF FINAL ADJOURNMENT	Motion to adjourn was made by Ernie Duckworth and seconded by Ernie Gallo. Meeting was adjourned at 4:03 PM EST.	Fuller
NEXT FACE TO FACE MEETINGS	None planned.	
FUTURE MEETING ROOM REQUIREMENTS	None (online meetings).	