Substations C0 Subcommittee Meeting Minutes

Meeting Location: Garden Grove, CA	Meeting Time: 4:30 PM	Meeting Date: 2015/01/14	Minutes Revised: 2015/05/18	Minutes Approved: 2015/09/17

Presiding Officer: Craig Preuss

Recorded by: Craig Preuss

Attendance:

Name	Affiliation	Phone/Web/Local	M/CM/G
Michael Dood	SEL	Local	M
Craig Preuss	Black & Veatch	Local	M
Timothy Tibbals	Schweitzer Engineering Labs Inc	Local	M
Eric Thibodeau	Gentec	Local	M
Brian Smith	EnerNex	Web	M
Ronald Landheer-Cieslak	Eaton's Cooper Power Systems EAS	Web	M
Marc Lacroix	Vizimax	Local	M
Anthony Johnson	SCE	Local	G
Allen Goldstein	NIST	Local	G
Jim Bougie	Global Power Technologies	Local	M
Jim Evans	St. Claire Group	Web	M
Dennis Holstein	OPUS Consulting Group	Local	CM
Richard Liposchak	POWER Engineers	Local	M
Allen Goldstein	NIST	Local	G
Theo Laughner	TVA	Local	G
Ron Farquharson	Consultant	Web	M
Marcus Steel	Steel Wave Power	Web	M

M:Member
CM: Corresponding Member
G: Guest

Item no.	Notes	Action by
CALL TO ORDER	The meeting was called to order by the chair.	None
CHAIR'S REMARKS		None
INTRODUCTIONS	All in attendance locally and remotely introduced themselves.	None
ESTABLISHMENT OF QUORUM	After reviewing the attendance sheet, the chair announced that quorum was not met.	None
APPROVAL OF PREVIOUS MINUTES	An email vote will be undertaken by the chair.	Chair to email minutes and request members approval via email
AGENDA APPROVAL	The agenda was presented. There was no quorum.	None
Working Group Reports	Those present at the meeting who had questions of the WG members present were allowed to ask their questions about the WG meeting.	None

Item no.	Notes	Action by
Presentations	There was discussion led by Dennis Holstein about CIGRE B.5 work in cyber security (CIGRE JWG B5-D2.46CIGRE B5.46 APPLICATION AND MANAGEMENT OF CYBERSECURITY MEASURES FOR PROTECTION AND CONTROL SYSTEMS) and D2.37 38 that includes cloud computing.	None
Old Business	The chair reported no unfinished business from last meeting.	
Action Item #1 from previous meeting	C0 to provide feedback to IEEE-SA on join.me experience.	Initiated but did not have time to spend with technical support to debug
Action Item #2 from previous meeting	C0 chair to schedule a meeting for a new WG on databases at the 2015 JTCM	Complete
Action Item #3 from previous meeting	C0 chair to look for individuals willing to chair databases WG	Done through 123Signup. No response.
Action Item #4 from previous meeting	Tony Johnson to provide C0 chair with vendor contacts to help support the databases WG.	Complete
Action Item #5 from previous meeting	C0 chair to contact other vendors who may be interested about this effort on databases	Not complete.
Action Item #6 from previous meeting	C0 chair to establish new WG for a joint WG effort and contact PSRC H23 chair (PC37.248 COMDEV)	Done. C18 is established.
Action Item #7 from previous meeting	C0 chair to look for individuals willing to chair this WG	Done through 123Signup. No interest
Action Item #8 from previous meeting	Marc Lacroix to provide draft of 62351-11	Received. Upon review, this work may be more relevant to SUBS C19 WG work on security of files
Action Item #9 from previous meeting	C0 chair to establish new WG for a joint WG effort and contact PSRC H27 chair	Done. C21 is established
Action Item #10 from previous meeting	C0 chair to look for individuals willing to chair WG C21 COMSET	Unsuccessful to recruit a chair so far – 123Signup not tried.
Action Item #11 from previous meeting	Marc Lacroix to contact WG C8 chair Kevin Easley about IPv6 content.	Not completed yet
WG Report	C19 participated in the joint meeting with H22 and offered to provide definitions of cybersecurity terms and acronyms. The list was sent to the H22 chair for distribution to members.	

Item no.	Notes	Action by

New Business Item #1	SG C01 Report
	How to split C37.1 into C37.1.x
	• Work not finished yet
	• Presently splits out
	  – Databases
	  – HMI
	  – Master station
	  – Testing
	  – Environmental
	  – Communications (RS232-485)
	• Expecting splits for the following
	  – The process of substation integration
	  – Characteristics
	  – General requirements
	  – There may be others
		SG C01 needs to complete work.

New Business Item #2	SG C02 Report Review of DNP.ORG AN2013-004a Validation of Incoming DNP3 Data SG reported during the meeting that there is no recommendation to use the document in standards development activities.	None

New Business Item #3	SG C12 Report
	• Recommendation to submit a new PAR to revise 1815
	  – Members of the DNP Users Group voted in early 2014 that a device is no longer required to support the reporting of events for the change of a value of a counter – this will require significant revision of the specification.
	  – Revision of the subset parsing tables (more than 60 individual tables), which are currently difficult to interpret. The revision of these tables is underway (almost complete), and now includes expected responses from the outstation.
	  – Secure Authentication – the recent EPRI demo revealed several areas that require clarification/update. Also, an issue was identified that may require SA changes that are incompatible with the current version (this is still under investigation).
		PAR to be submitted for new work.

Item no.	Notes	Action by
New Business Item #4	Update on P1894 Online Monitoring and Recording Systems for Transient Overvoltages in Electric Power Systems Working Group • The working group chair has requested a liaison to allow our working group access to their work. – There is no formal method governing how a WG liaison is initiated, maintained, and terminated. C0 chair sent email to IEEE-SA staff liaison for guidance on how to proceed.	C0 chair to wait for any additional direction from IEEE-SA on liaison process.

New Business Item #5	New Working Group C18
	• Common Format for Naming Intelligent Electronic Devices (COMDEV)
	• Joint with PSRC H23
	    – Based upon report
	    – Draft will be ready for ballot by May meeting
	A chair is needed. Reviewed docs provided to C0 chair. Tim Tibbals showed interest in the WG as chair. Theo Laughner would like to be a corresponding member.
		1. C0 chair to send out files received from PSRC H23 to C0.
		2. C0 chair to follow up with Tim Tibbals on being chair.
		3. Theo needs to be contacted and added as CM to WG when it forms.

New Business Item #6	New Working Group C21 • Common Protection and Control Settings or Configuration Data Format (COMSET) • Joint with PSRC H27 • According to brief discussion with PSRC Chair, the scope was modified at the JTCM Eric Thibodeau agreed to be chair.	C0 Chair to follow up with Eric on creation of working group.
New Business Item #7	Word Template • Version 7 is available as of April 2014 • No real description of changes appears to be available • See https://development.standards.ieee.org/myproject/Public/mytools/draft/wordtemp.zip This is the Word template for standards. WG chairs do not have to use this for work underway, but the C0 chair recommended that it be seriously considered. All new work starting should use it.	None

Item no.	Notes	Action by

New Business Item #8	IEEE PES Technical Committee
	• Based upon survey of technical societies
	• Much effort by the PES Technical Council
	• Several changes have been made in the plan to date
	• C0 is being relocated out of Substations Committee
	• The present plan is that a new committee will form called Grid Communications and Cyber Security Committee (GCCS) taking in several groups
	
	GCCS Committee
	
	SUBS C0 Substations Subcommittee C0 **PSR H** Power System Relaying Subcommittee H **PSC** Power System Communications Committee
	
	• PSR, PSC, and SUBS meeting on Thursday afternoon
	• Discuss latest updates and develop path forward
	• Schedule
	  – By PES GM get the reorganization finalized
	  – Present to Governing Board in Fall
	  – Not clear if what will be in place by end of 2015
		None

New Business Item #9	Allen Goldstein requested the C0 chair add him to the new WG C20 roster as a CM.	C0 chair to add him to the new WG C20 roster as a CM.
ITEMS REPORTED OUT OF EXECUTIVE SESSION	No executive session was held.	None

NEXT FACE TO FACE MEETINGS	• May 18-22, 2015
	  – SUBS Annual Meeting
	  – Minneapolis, MN
	• September 14-17, 2015
	  – PSRC September Meeting
	  – San Diego, CA
	• Jan 2016
	  – JTCM Meeting
		None