



PSCC Subcommittee Working Group S15 Meeting Minutes

Designation: S15		Name: Securing GOOSE and Sampled Values Protocols of IEC 61850 using IEC 62351-6 and IEC 62351-9 (P2030.100.2)			
Meeting Location: WebEx		Meeting Time: 01:10 PM	Meeting Date: 2021/01/12	Minutes Revised: [YYYY/MM/DD]	Minutes Approved: [YYYY/MM/DD]
PAR Output: New	PAR Output: P2030.100.2 guide	PAR Approval Date: [YYYY/MM]	PAR Expiration Date: [YYYY/MM] TBD	Target Sponsor Ballot Date: 2023/11	Target Completion Date: 2024/05
Presiding Officer: Jay Anderson, Chair			Recorded by: Dean Ouellette	Draft Number: TBD	
Attendance: NOTE: UPDATED 01-25-2021 WITH MEMBERSHIP PREFERENCES RECEIVED					
Name		Affiliation		Attending via Phone (P) / Web (W) or Local (L)	M/CM/G
Murty Yalla		Beckwith		W	
James Bougie		Global Power Technologies		W	M
Karen Leggett Wyszczelski		Schweitzer Engineering Labs		W	M
Ralph Mackiewicz		SISCO, Inc.		W	M
Sakis Meliopoulos		Georgia Tech		W	M
Craig Preuss		Black & Veatch		W	M
Deepak Maragal		New York Power Authority		W	CM
Herb Falk		OTB Consulting		W	M
Yuchen Lu		EPRI		W	G
Juan Carlos Urquijo		Beckwith		W	G
Eric Udren		Quanta Technology, LLC		W	CM
Dan Nordell		Xcel Energy		W	M
Bharat Nalla		SEL		W	M
Gayle Nelms		SEL		W	G
Jay Anderson		ComEd - Exelon Corp		W	M
Mital Kanabar		GE		W	M
Sirak Belayneh		DC Water		W	M
Jean-Sebastien Gagnon		Vizimax		W	CM
Jesse Silva		Southern California Edison- SCE		W	G
Shane Haveron		AMETEK Power Instruments		W	M
Jim Campbell		Southern Company Services		W	M
Nathan Wallace		Cybirical		W	CM
Farzad Khalilpour		Southern California Edison- SCE		W	
Anthony Johnson		Southern California Edison- SCE		W	G
Dean Ouellette		RTDS Technologies Inc.		W	M
Alex Apostolov		OMICRON electronics		W	M
Steven Blair		Synaptec		W	M
Maik Seewald		Cisco		W	
Christoph Lackner		Grid Protection Alliance (GPA)		W	M
Nestor Casilla		Doble Engineering Co		W	M
Jason Lombardo		S&C Electric Company		W	G
Colin Gordon		SEL Inc.		W	M

M: Member CM: Corresponding Member G: Guest			
Attendance:			
Name	Affiliation	Attending via Phone (P) / Web (W) or Local (L)	M/CM/G
Priyanka Nadkar	SEL	W	M
Christoph Brunner	it4power	W	G
Steven Kunsman	Hitachi ABB Power Grids	W	
Veselin Skendzic	SEL	W	
Marcos Velazquez	Doble Engineering Company	W	M
Charles Adewole	ERLPhase Power Technologies	W	M
Jalal Gohari	WSP	W	G
Harsh Vardhan	GE	W	
Jeff Pack	POWER Engineers, Inc.	W	CM
Xiangyu Ding	S&C Electric Company	W	
Tom Hofstetter	NERC	W	G
Nicholas Kraemer	NuGrid Power	W	M
Marc Lacroix	Marc Lacroix	W	M
Scott Mix (PSCCC Host)	PNNL	W	M
46 Total			
24 M			
9 G			
5 CM			
8 Not Captured			
Mike Dood			M
Jalal Gohari			CM
Eric Thib			M
Eugenio			M
Farnoosh			CM
Yuchen			CM
M: Member CM: Corresponding Member G: Guest			

Item no.	Notes	Action by
CALL TO ORDER	The Meeting was called to order and the Scope from the PAR was read.	J. Anderson
INTRODUCTIONS AND QUORUM	<p>Introductions: NA. Available by Participants list.</p> <p>Present officers were introduced:</p> <p>Chair: Jay Anderson</p> <p>Vice Chair: Shane Haveron</p> <p>Quorum: NA. Kickoff Meeting</p>	
CALL FOR PATENTS Review of Copyright Material	<p>Patent slides were viewed; no Essential Patent Claims or Patent Application Claims were reported.</p> <p>Copyright slides were reviewed. A discussion followed on the need to request access to relevant IEC material (i.e., 61850, 62351 sections). Copies of the some of the IEC standards have been requested by the Chair (through Erin); however, as discussed, copies for reference may be insufficient for the purposes of writing the Guide. Ralph Mackiewicz agreed to provide a sample Letter to the IEC used by the PSRC H44 WG to get usage rights. The Chair to use that Letter (received) as a template to request access to relevant IEC documents for WG use.</p>	
CHAIR'S REMARKS	<p>As part of the above conversation, concerns about file sharing and acceptable file formats were raised by the Chair. Specifically, some Entities' email systems routinely block any Microsoft Office documents with enabled macros. Consequently, files such as .DOC, .DOCM (preferred for IEEE-SA Standards templates, .XLS, .XLSM & etc. may not work via email; PDF, .DOCX and XLSX files will generally work. It was agreed to verify if there would be issues using the template documents via the iMeet site. Murty Yalla has also now raised this issue with the IEEE-SA.</p> <p>The S15 iMeet site will be used to share documents in preference to email. The Officers will work on getting the membership list in there up-to-date.</p> <p>S15 iMeet site: https://ieee-sa.imeetcentral.com/pfcc-s15/</p> <p>Not discussed (reminder): with the transition to using 123Signup to maintain membership records in the PSCCC, WG membership will need to be updated in that as well.</p>	
AGENDA APPROVAL		
APPROVAL OF PREVIOUS MINUTES	NA	
PRESENTATIONS	None	
OLD BUSINESS	None	
NEW BUSINESS Request for a Secretary	A request was made form members interested in becoming the WG Secretary. Dean Ouellette volunteered. Thank You Dean!	

Item no.	Notes	Action by
<p>NEW BUSINESS How to Proceed</p>	<p>PAR was submitted to NESCOM for their upcoming meeting later in January.</p> <p>Alex Apostolev suggested (following the reading of the Scope) that we propose a profile to be used in the guide. Ralph Mackiewicz, Craig Preuss, Herb Falk, and the Chair had some further discussion and it seems this is not out of scope and may be added.</p> <p>The target audience(s) for the guide were discussed. Herb Falk pointed out that the IEC62351 documents were generally written for other Standards bodies and Vendors; detailed familiarity with all other relevant Standards is assumed, and that may not be the case for many Users attempting to implement security systems using the elements of this Guide.</p> <p>As a start to address this, Herb Falk agreed to start out with a writing assignment to describe some of the basic security profiles (A and T Profiles) referenced in IEC62351-6, threat vectors, etc. Craig Preuss will try to assist.</p> <p>The potential need to reference other IEEE documents was discussed, particularly IEEE 1686 and IEEE C37.240 (both currently under revision). One possible tie point to 1686 might be key storage in IEDs. Chair/Vice Chair to investigate.</p> <p>The Officers will try to put together a few Webex meetings in the coming months between now and the next PSCCC meeting to try to start to bring the process together.</p> <p>Attendees were asked to specify their preferred affiliation (M/CM/G) via the Webex Chat. Results are recorded in the Attendance record, above.</p>	
<p>ITEMS REPORTED OUT OF EXECUTIVE SESSION</p>	<p>NA</p>	
<p>TIME OF FINAL ADJOURNMENT</p>	<p>2:10 pm</p>	
<p>NEXT FACE TO FACE MEETINGS</p>	<p>Will be Webex or similar. Dates TBD</p>	
<p>FUTURE MEETING ROOM REQUIREMENTS</p>	<p>Web space for 45. Avoid conflicts with P1, H50, H44</p>	

