



## PSCC Subcommittee [Working/Study Group, Task Force] Meeting Minutes

Designation: S0	Name: Cybersecurity Subcommittee
--------------------	-------------------------------------

Meeting Location: Hybrid – Reno, NV	Meeting Time: 5:30 PM ET	Meeting Date: 2022/05/11	Minutes Revised:	Minutes Approved:
--	-----------------------------	-----------------------------	------------------	-------------------

PAR Output: NA	PAR Output: NA	PAR Approval Date: NA	PAR Expiration Date: NA	Target Sponsor Ballot Date: NA	Target Completion Date: NA
-------------------	-------------------	--------------------------	----------------------------	-----------------------------------	-------------------------------

Presiding Officer: Scott Mix (Chair), Theo Laughner (Vice-Chair)	Recorded by: Theo Laughner	Draft Number: 1.0
---	-------------------------------	----------------------

**Attendance:**

Name	Affiliation	Attending via Phone (P) / Web (W) or Local (L)	M/CM/G
Scott Mix	PNNL	W	M
Theo Laughner	Lifescape Analytics	W	M
Jay Anderson	SEL	W	M
James Bougie	Albireo Energy	L	M
Ed Cenzone	SEL	W	M
James Formea	Eaton	L	M
Shane Haveron	Ametek	W	M
Dennis Holstein	Opus Consulting Group	W	M
Chris Huntley	SEL	W	M
Anthony Johnson	SCE	W	M
Marc Lacroix	Independent	W	M
Deepak Maragal	Eureka Power Solutions, LLC	W	M
Ryan Newell	TRC	W	M
Jeff Pack	Power Engineers	L	M
Eric Thibodeau	Hydro Quebec	W	M
Nathan Wallace	Cybirical, LLC	W	M
T W Cease	Consultant	W	M
Jesse Silva	SCE	W	G
Jose Ruiz	Doble	W	G
Deryk Yuill	iS5	W	G
Colin Gordon	SEL	W	G
Priyanka Nadkar	SEL	W	G
Ron Farquharson	Mount Victoria Consulting / DNP-UG	W	G
Stephen Trachian	Hitachi Energy	W	G
Nirmal Nair		W	G
Craig Palmer	Powercomm Solutions	W	G
Brittany Chapman	CAI	W	G
Erin Morales	IEEE SA	W	G
Randy Hamilton	Basler Electric	W	G
James Michaelis	Commonwealth Associates	W	G
Mark Adamiak	Consultant	W	G
Nicholas Kraemer	Nugrid Power	W	G
Markus Epting	S and C Electric	W	G
Gayle Nelms	SEL	W	G

**Minutes of meeting (continued)**

Chikashi Komatsu	Hitachi	W	G
Jason Lombardo	S and C Electric	W	G
Dan Nordell	Xcel Energy	W	G
Byungtae Jang	KEPCO	W	G
M: Member CM: Corresponding Member G: Guest			

Item no.	Notes	Action by
<b>CALL TO ORDER</b>	5:30 (ET)	Scott Mix
<b>INTRODUCTIONS AND QUORUM</b>	16/27 members present, quorum established.	Scott Mix/Theo Laughner
<b>CALL FOR PATENTS</b>		
<b>CHAIR'S REMARKS</b>		Scott Mix
<b>AGENDA APPROVAL</b>	Theo Laughner – Motion, Tony Johnson Second, Agenda Approved.	Scott Mix
<b>APPROVAL OF PREVIOUS MINUTES</b>	Theo Laughner – Motion, Marc Lacroix Second, Minutes Approved.	Scott Mix
<b>S1 Report</b>	<p>S1 met on Monday at 10:40 AM CST with 11 members out of 14, 1 corresponding member and 6 guests. Quorum was met.</p> <p>Recirculation 1 came back with 93% approval.</p> <p>The BRG will start revising the new comments (82 submitted).</p> <p>A special WG meeting will be organized when the new draft is ready for recirculation-2</p>	Marc Lacroix
<b>S2 Report</b>	<p>S2 met at 3:30pm 5/9/2022. 7 members present out of 10. Quorum achieved. Minutes from the January 2022 meeting were read and approved.</p> <p>Chair accepted a motion to submit 1711.1 for MEC review. WG voted to approve.</p> <p>Chair accepted a motion to request S0 to form a ballot pool for 1711.1 post MEC review with only editorial changes. WG voted to approve.</p> <p>Chair accepted a motion to submit 1711.1 to ballot contingent on only editorial edits returned from MEC review. WG voted to approve.</p> <p>Chair accepted a motion to list Andrew Wright as vice-chair on 1711.1 (posthumously). WG voted to approve.</p> <p>Also, Mike Dood volunteered to help as Secretary. Thank you, Mike!</p> <p>Chair accepted a motion to request S0 to let 1711 PAR expire. WG voted to approve.</p>	Scott Mix.
<b>S3/S4</b>	Inactive	
<b>S5</b>	<p>S5 met Tuesday with 25 persons in attendance either online or in person. Herb Falk made a presentation on what DOE is in the process of putting together. The presentation is available on iMeet.</p> <p>There was much discussion as to what S5 should do going forward. DOE claims that they will have results soon. The WG is in the process of deciding whether to proceed on the current path or wait for DOE results.</p>	TW Cease

Minutes of meeting (continued)

Item no.	Notes	Action by
<b>S6</b>	Inactive	
<b>S7</b>	<p>Approximately 15 Attendees / 10 of 13 Members present / 5 Guests,</p> <p>Notes: Quorum achieved. Discussed how to approach the standard's normative language around cyber content that is to be shown on an engineering drawing. Setting up informal monthly working meetings.</p>	Nathan Wallace
<b>S8</b>	<p>Approximately 16 Attendees / 10 of 11 Members present / 6 Guests,</p> <p>Notes: Quorum achieved. Discussed getting the momentum of the Working Group back up. WG voted and approved a motion to request a 2 year PAR extension as well as a minor modification to the scope. Setting up informal monthly working meetings.</p>	Nathan Wallace
<b>S9</b>	<p>The chair presented slides covering the progress and status of the S9 Task Force report. After introductions, chair reviewed the current draft (D3) of the document. A motion was made and approved to send the document to S0 for review. S9 would like to formally request S0 to review of D3 of the WG Report.</p>	Theo Laughner
<b>S10</b>	<p>Meeting started on time at 2:23 P.M. PST with approximately 15 attendees based on the WebEx attendee list. A full attendee list will be included in the minutes once the WebEx attendance report is provided.</p> <p>Six members were in attendance, so quorum was achieved.</p> <p>The vice chair position is open – the chair asked for any volunteers.</p> <p>January 2022 minutes were reviewed and approved.</p> <p>The roster of members was updated to reflect the changes in IEEE participation.</p> <p>Reviewed the status of the draft report.</p> <p>The chair mentioned ideas for making progress in between formal meetings. Several suggestions were provided, and the chair will start to implement.</p> <p>We reviewed the list of standards that are currently referenced and did not find any new standards that should be addressed.</p> <p>Meeting was adjourned at 3:02 P.M. PST</p>	Jeff Pack
<b>S11, S12</b>	Inactive	
<b>S13</b>	<p>Did not meet this week as the ballot is just concluding, May 11, 2022. We had a good approval rate 94%, but have to resolve 304 comments. Not an unexpected amount for this topic. IF anyone want to help with the ballot resolution, please feel free to contact <a href="mailto:anthony.johnson@sce.com">anthony.johnson@sce.com</a>.</p> <p>No meeting expected for September</p>	Tony Johnson
<b>S14</b>	<p>We have been approved as a Task Force but the name of our effort needs to be updated to reflect this. SG14 should be TF14 and in official documentation.</p> <p>We need to update the description of the group from “Study Group for the use of HTTP and TLS for devices in Electric Power Systems” to “Task Force for the use of TLS for Devices in Electric Power Systems”.</p> <p>At this meeting we formed a members list. We did not have an official member’s list before 5/9/22. The list includes nine voting and one non-voting members</p>	Colin Gordon

**Minutes of meeting (continued)**

Item no.	Notes	Action by
<b>S15</b>	<p>xx in attendance, including yy members (short of Quorum). Draft is still V1. Colin Gordon provided a presentation on MACsec, highlighting (among other things):</p> <p>Key Distribution with KMA (MACsec Key Agreement); may be able to use 62351-9 infrastructure</p> <p>How MACsec interacts with 61850 Architectures</p> <p>1588 PTP, IEC 62351-9, HSR/PRP considerations.</p> <p>Other key management considerations, including longevity of keys as a function of message frequency</p> <p>The US IEC National Committee will add a new work item for proposal for WG15 to add MACsec for SV</p> <p>The Chair again issued a plea for help with developing the structure of the document (table of contents, sections) and for additional future presentations. The Chair will be reaching out to the members.</p> <p>Upcoming meetings: Web meeting in June/July, details TBD. Doodle poll to follow.</p>	Jay Anderson
<b>S16</b>	<p>S16 met on Tuesday May 10 at 8:00 AM PST with 9 attendees. 5 members out of 7 were present at the meeting, quorum was met</p> <p>One member expressed his wish to be a member, we are now 8 members</p> <p>TF approved minutes of the January meeting</p> <p>TF continued to develop the outline and had members volunteering to write some of the sections</p> <p>An iMeet workspace should be available for this TF starting next week. All contributions will be shared through iMeetCentral after that.</p>	Eric Thibodeau
<b>New Business</b>	<p>S17 – Request to form TF S17 “Task Force on Use of SBOM in the Energy Sector”</p> <p>Deliverable: Report – Summary of Initiatives in the Industry</p> <p>Chair– Eric Thibodeau, Vice Chair - Marc Lacroix</p>	<p>Marc Lacroix Shane Haveron Motion Approved with 8 Yea, 2 Nay, 4 Abstain</p>
	Form ballot pool for 1711.1	<p>James Formea Eric Thibodeau Motion Approved with 14 yes.</p>
<b>New Business (Continued)</b>	Request standard 1711.1 go to ballot after MEC review contingent upon only editorial changes (no technical changes)	<p>James Formea Tony Johnson Motion Approved with 14 yes.</p>
	S8 Par Extension for two years (from 12/2022 to 12/2024)	<p>Nathan Wallace James Formea Motion passed with 13 yea, and 1 abstain</p>

Item no.	Notes	Action by
	<p>S8 Scope Revision - Change from “This document provides test guidance for cybersecurity controls used in electric power systems. The guide encompasses testing and verification of cybersecurity services, applications, and controls, including end-to-end testing.” To “This document provides test guidance for cybersecurity controls used in electric power systems. The guide encompasses testing and verification of cybersecurity services, applications, and controls, including end-to-end testing throughout their lifecycles.”</p>	<p>Nathan Wallace Eric Thibodeau Motion passed with 14 yes.</p>
	<p>Motion to request the Terminology Usage Task Force review the terms cyber security and cybersecurity to see if there is a need to maintain these as separate definitions.</p>	<p>Theo Laughner Eric Thibodeau Motion passed</p>
<p><b>Announcements</b></p>	<ul style="list-style-type: none"> <li>• S9 Report to sent out to S0 membership for comments. Comments due back on June 24, 2022. A special meeting of S0 will be called over the summer to approve the final report after considering comments submitted by S0 members.</li> <li>• Roster Cleanup for non-participating members (notice must be provided to non-participating members well ahead of removing them).</li> <li>• Steve Mark has left SEL, has not participated in a long time, and no forwarding contact information is available</li> <li>• 123Signup Retirement and Replacement (123Signup is dead! Long Live The Replacement!)</li> <li>• Chairs must provide full meeting minutes within 2 weeks (by 05/27/2022).</li> <li>• Meeting Minutes (draft .doc and approved .pdf) are to be uploaded to the PSCC Committee iMeet site in addition to individual SG/WG/TF sites.</li> <li>• Meeting notice and WG/TF/SG agenda to be sent to sub-group members and S0 Chair two weeks prior to any meeting.</li> <li>• Newly formed WG and TF (i.e., those migrated from SG) should issue a call for participation and establish a roster by the conclusion of their next meeting.</li> <li>• All sub-groups are expected to have Vice Chairs. Secretaries are optional (Vice Chair assumes role of Secretary if none).</li> <li>• Working Group chairs (standards activity) are now REQUIRED to take IEEE SA training. Training must be completed by the end of the year.</li> <li>• Understanding IEEE SA’s Antitrust, Competition, and Commercial Terms Policies</li> <li>• IEEE SA Standards Working Group Chair Fundamentals</li> <li>• New Participant Behavior slides to be shown at all WG meetings have been released by IEEE SA</li> <li>• Reminder: Task Forces also need to manage membership and have quorum to approve minutes, and at the completion of their task to approve the reports out of the TF to go to the subcommittee.</li> <li>• If anyone has published a paper in an IEEE Transactions journal, let the chair know so that it can be considered for an award.</li> </ul>	<p>Scott Mix</p>
<p><b>Membership Activity</b></p>	<p>Steve Mark left SEL and has been unreachable. He is being removed as a voting member.</p>	<p>Scott Mix</p>
<p><b>TIME OF FINAL ADJOURNMENT</b></p>	<p>6:48 PM ET</p>	

Item no.	Notes	Action by
<b>NEXT FACE TO FACE MEETINGS</b>	September 12-15, Sheraton Music City Hotel, 777 McGavock Pike, Nashville, TN 37214	
<b>FUTURE MEETING ROOM REQUIREMENTS</b>	[Room Size][Projector][Conflicts]	

