CALL TO ORDER: 11:02 AM US EDT

PARTICIPANTS: 6 voting members present, **7** needed for a quorum. All members of SAC, both elected and appointed, are voting members. Quorum is a majority of the voting members. Quorum is required for conducting business.

Key: P (Present); **A** (Absent); ***** = eVoted, ****** = sent regrets; ******* = eVoted & sent regrets

SAC Officers	Status	*Members At Large*	Status
Morse, Katherine – Chair	A**	Bailey, Grant	A**
David Ronnfeldt – Vice-Chair	P	Dillman, Brad	A
Marrou, Lance – Secretary	A**	Graham, David	A
		Le Leydour, Patrice	A**
Ex OfficioMember		McGroarty, Chris	A**
Rowe, Patrick – Executive Director (NV)	A**	McLean, Angus	P
Daly, John – CC Vice-Chair	A	Prignac, Laurent	A
Bailey, Grant – NATO Liaison	N/A	Ruben, Kathy	P
Bailey, Grant – OGC Liaison	N/A	Stevens, John	P

- **Next Meeting: Wednesday, 18 December, 2019, 1100-1200 US EDT**
  - Question regarding possible face-to-face meeting at I/ITSEC
  - Schedule for 2020 until SIW, 15 JAN, 5 FEB

PENDING EXCOM ACTIONS
- [11/20] SISO-REF-010 v27 remains outstanding.
- [11/20] CBMS SG Final Report – Katherine to submit to EXCOM. Remains outstanding.

REPORTS FROM OTHER SISO COMMITTEES
- [11/20] CC Report – N/A

Executive Director
- [11/20] No report.
- Working group schedule for SIW is being worked, plan to finish first cut today.

Outreach – N/A

EXCOM Report – N/A

OLD BUSINESS / ACTION ITEMS
Priority Key: 3) High priority - requires SAC action; 2) Medium priority - if time permits SAC will address; 1) Low priority - SAC waiting for information; 0) Completed

Action	POC	Status
Standards Roadmap	Brad Dillman	[11/20/19] No update. [11/6/19] Received data from SRML, VV&A. Missing data from: C2SIM, CIGI, DDCA, GDACL, RIEDP, TADIL TALES, UCATT [10/16/19] Working on several groups' data. Missing data from: C2SIM, CIGI, DDCA, GDACL, RIEDP, SRML, TADIL TALES, UCATT, VV&A [10/2/19] What we have right now is very small and self-contained, it should be easy to move to a new infrastructure, but the links may need to be updated. We still need content to fill out for data. [9/18/19] Small update ready to upload. Re-send link to reflector. Follow up phone call to Patrick Rowe: re: new SISO infrastructure. [8/21/19] No update.

Action	POC	Status
		• [8/7/19] Still working, hoping to get a small update end of the week. First thing to get up is a link to the standards. Someone suggested we organize the standards in a hierarchy rather than a list, but this is problematic due to implementation concerns and that there's no real consensus on the categorizations (it's a non-starter).
		• [7/3/19] No update.
		• [6/18/19] No update
		• [6/5/19] No update
		• [5/15/19] No update
		• [5/1/19] No update
		• [4/17/19] I made a presentation to NATO of the standards roadmap, I'll email the reflector later.
		• [4/3/19] No update
		• [3/20/19] Still working towards making modifications and updating content. Working on auto-email to Brad about requested updates. 4/9 NATO group meeting in Copenhagen, so looking at first view there.
		• [3/6/19] Received NATO AMSP 01 document where they map the standards into 8 categories. Reviewed it and found it very clear. Don't map standards to the DSEEP directly but do indirectly. They map the categories to the DSEEP. Appendix B has all the standards, it has short synopsis. David mentioned that taking this information directly would be the smartest. They want to present the work at their April meeting. We are doing basically the same thing best to work together.
		• [2/12/19] Live demo of current progress of the Standards Roadmap from the SISO web page. Any downside to putting this demo out to the public for review/comment? No, but perhaps bring this to the officers, etc. TADs to get more content and Brad to implement as needed. Share with NATO and DMSCO.
		• [1/16/19] No update.
		• [12/19/18] Katherine walked HLA PDG through Standards Roadmap and hoping to get some more feedback. Recommend TADs bring idea up to the groups and get some feedback in the F2F meetings at SIW.
		• [12/5/18] The content is embedded in the javascript, and Brad has access to edit it (all of it). Not sure this is the best approach, but it may work for new. Cannot create new widgets. Brad sent out email to SAC PVT reflector explaining and identifying prototype. Access request submitted to SISO-HELP.
		• [11/21/18] Update from Brad: I have been in contact with the SISO webmaster about questions regarding the standards roadmap. My understanding is work is progressing, but I don't have any target date yet.
		• [11/7/18] Status of prototype on SISO website? No update from IST
		• [10/17/18] Working on website implementation, perhaps something up on the SISO website in a couple of weeks to try out.
		• [10/3/18] NATO seems more interested in the s/w than providing content, but we need content from them and from the groups. Brad moving forward and working on implementation.
		• [09/11/18] Previously showed an example web page. How do we deploy that? We could put a webpage on the website that has the whole code embedded.
		• [09/11/18] Need to devise a process/agreement on how/who can update the website.
		• [08/29/18] No update.
		• [08/01/18] No update.
		• [07/11/18] No update.
		• [06/06/18] Brad to coordinate w/Mark McCall and IST to determine whether the SISO website can support the technology Brad's using to present the roadmap.
		• [05/02/18] Brad posted to reflector and Kevin has what he needs to go forward for C2SIM data.
		• [04/18/18] No update.

Action	POC	Status
		• [04/04/18] No update
		• [03/21/18] Submitting document to SAC reflector. Brad planning to work on document and separate out to XML schema. Katherine to send email to Kevin G to get data for C2SIM.
		• [03/07/18] Brad has a new format using HTML that requires access to the internet. He'll post it to the reflector for review and feedback. Discussion on hosting the roadmap interactively on the website to allow linking to group pages. Katherine to start a discussion on the reflector to identify 2-3 other standards to target for data collection to flesh out the roadmap.
		• [02/21/18] Discussion with Jeff Abbot regarding Std Acq group, and SISO-REF-066 should have good content. Additional discussions on diagrams, etc. Need input on how information should be categorized. Current plan is to just curate and organize existing information, not create new information.
		• Michael: In the standards landscape, what form is that in?
		• Brad: Not much more to it than that paper, just capturing information in PowerPoint slides. But, maybe that is not the right mechanism for capturing this information.
		• Michael: Look at SISO-GUIDE-005 for some additional information.
		• [02/07/18] No update.
		• [01/22/18] Brad presented slides on summary of responses. Confusion on layered view, so skipping for now (don't rush off into looking at the layered view). Reviewed NATO NMSSP AMSP-01 (perhaps this a taxonomic view).
		• [01/22/18] Perhaps standards are used through the life cycle, and maybe we could expand the dogmatic concept of where our standards fit.
		• [01/03/18] Brad discussed progress on the roadmap
		• This will be a major topic of discussion at the SAC meeting at the SIW.
		• Morse suggested that we might do some live data collection at that meeting based on the expertise of the SAC members.
		• [12/20/17] No update, no inputs received from last time. Waiting for TADs to get back for standards information (spreadsheets filled out). Coordinate with SAC TADs on the Monday SIW meeting for dissemination to groups.
		• [12/06/17] No update
		• [11/15/17] Brad is putting into UML as a convenient way to organize. He expects to have something draft by next meeting.
		• [11/01/17] Working, collating feedback.
		• [10/18/17] Hope to finish end of year 2017, got some feedback from four groups (Enumerations, FEAT, RPR FOM, WebLVC), but not all.
		• [10/4/17] Posted update to SAC reflector (10/4). Plan to collect data from SAC members as responded. TADs to fill out or request support from group. Anyone can fill in the forms.
		• [8/22/17] No update.
		• [8/10/17] Brad to update and resend to all the TADs (SAC).
		• [07/12/17] Discussion on layers and Missions and Means, not something to get consensus on in a single meeting. Could be too esoteric for broad acceptance. Defer layered view actions until later. To discuss at SAC FTF in Fall SIW.
		• [07/12/17] So, to be confident the spreadsheet form will collect the necessary information to populate the standards roadmap, I looked at the roadmap prototype, and the collection form, and traced which questions would populate which views. I think we're OK on all but the layered view, which I still don't completely understand. I've reached out to Jeff Abbott by email with some questions, but I'm still concerned that the original paper made some assumptions with which I'm not yet comfortable.
		• [06/14/17] No update.
		• [05/17/17] No update.
		• [04/19/17] Looking for feedback. Send comments to reflector.
		• [04/05/17] SAC to review the spreadsheet that is used to collect the data. Brad to re-post to reflector for comment.
		• [03/22/17] WebLVC first draft as an example posted to SAC reflector. Please review and comment. Plan to get groups to provide input on other standards.

Action	POC	Status
		• [03/08/17] Just emailed spreadsheet to reflector. Action to group to review and comment or concur. Then, to get it filled out by groups. • [02/08/17] Not in spreadsheet form, not full understanding of what we're starting from. How do you find a gap? Ned to ask groups to fill info. • [1/25/17] Brad still working the roadmap, plan to complete in 2 weeks. • [1/11/17] Brad Dillman has an action to produce a first draft of the standard roadmap spreadsheet. • [12/14/16] Ask for volunteers • [12/14/16] Simone Youngblood (a couple of hours, not leading the effort) • [12/14/16] No other volunteers
C/SI Working Groups P&P	Thom McLean, Katherine Morse	• [11/20/19] No update. • [11/6/19] No update. • [10/16/19] Working it. • [10/7/19] Lance updated SISO-ADM-17 to new template and emailed to Katherine with caveats and notes. • [10/2/19] Someone needs to work on SISO-ADM-17. Lance to update to new template. Katherine then to make final changes. • [9/18/19] Katherine replied, this only applies to SISO-ADM-18. We still have to clean up the Sponsor P&P which is SISO-ADM-17. • [8/28/19] Our WG P&P have been officially accepted by IEEE. Mark McCall recommends we withdraw SISO-ADM-018. • [8/21/19] No update. • [8/7/19] No update. • [7/26/19] We're still waiting to hear whether IEEE approved the font formatting changes. • [7/10/19] Our WG P&P for IEEE is complete and accepted. This applies to all our IEEE WGs / PDGs: HLA, DIS, and DSEEP. From IEEE: `Dear Katherine,` `On 13 June 2019, AudCom reported to the IEEE-SA Standards Board that it conditionally found no issue with the C/SI (Common - all C/SI Individual Working Groups) Working Group P&P document as currently edited [attached]. The condition that staff make minor edits as noted on the checklist has been met.`  `This audit is complete.` • [7/3/19] No word yet from AudCom. • [6/18/19] No update • [6/5/19] Conditionally approved by IEEE AudCom for review at their June meeting. • [5/15/19] Waiting for June meeting of IEEE Audcom. • [5/1/19] Approved by SAC. Sent to IEEE AudCom for review at their June meeting. • [4/17/19] Executive Director to sign form for non-exclusive license for IEEE to use content of SISO papers that wind up in a standard. • [4/10/19] Katherine clarified IEEE AudCom's position on our WG / PDG P&P. They've accepted our substantive changes wrt not having treasurers. The requested changes are fairly minor. … We'll take a vote at our telecon next Wednesday. • [4/3/19] Katherine Morse is coordinating with Tom Thompson to resolve a few outstanding issues. • [3/20/19] AudCom met in Germany and have provided some comments. Information from AudCom says that the vote has passed. Tom Thompson will work with Katherine on what to do next. No comments on the issue on treasurer. • [3/6/19] IEEE requires two separates PNP. One for PDGS (HLA, DIS, DSEEP); second in the sponsor PNP (e.g. SAC), this one is expired. New IEEE staff liason is helping break the log jam; at issue is the "requirement" to have a treasurer. Morse posted an updated P&P without mention of a treasurer for review on the SAC reflector. Mark McCall reviewed and noted several

Action	POC	Status
		recommendations for changes. Some have been accepted and changed. Some comments had no recommendation for change. We need to move this forward quickly because the P&P is expired. Need a new draft for the AUDCOM meeting on March 19. Morse suggests take the version as it stands now; forward to AUDCOM for review. We can ask to update later (before it again expires) to reflect the urgency of the situation. Discussion: David R agrees. John Daly thinks this is a reasonable approach.
		• [3/6/19] VOTE to take this action: passed unanimously.
		• [2/12/19] Met on 22 JAN, AudCom wants a separate working group agreement per group and they want a treasurer. Neither will be items we (SISO) want to support.
		• [1/16/19] Review with AUDCOM 22 JAN. IEEE has all data from Katherine.
		• [12/19/18] Working this, hoping IEEE can approve the PDG/WG part.
		• [12/5/18] Plan to finish this month and submit to AUDCOM, then Katherine et al to take on that battle.
		• [11/21/18] David and Katherine had a conversation with Robbie Robson, explained the issue, need a bit of latitude from AUDCOM, but IEEE wants us to write what they told us to write, but SISO does not operate that way. Plan to redline document and send to AUDCOM. Katherine, David, and Angus to get together to update (after I/ITSEC).
		• [11/7/18] Waiting to hear from Robbie Robson.
		• [10/17/18] Thom and Katherine working this; Katherine to meet with Robbie Robson.
		• [10/3/18] No update.
		• [09/11/18] Brief introduction on the topic, and summary of discussion slides intended for presentation to the IEEE. Two things to do: 1) brief the IEEE why there's a fundamental problem, 2) Send them a P&P that they will agree to.
		• [09/11/18] It appears to be a problem in that we (SISO) cannot work as the C/SI P&P requires.
		• [08/29/18] Ready to discuss at SIW. Looking to brief everyone, especially new members.
		• [08/01/18] Thom requests one more pass through with the group, specifically with the new IEEE model P&P and compare it to the old one. Katherine has prepared a response to the IEEE. These will be reviewed at SIW.
		• [07/11/18] (Thom) My best take: we are not conformant, but the P&P is approved and the IEEE says we can operate under it. Some editorial changes encroached on things that shouldn't have been updated. Need to review and discuss how to resolve several of the issues.
		• [07/11/18] Katherine needs to create a briefing to discuss things that need to be fixed at IEEE policy.
		• [07/11/18] Thom is will to continue working this issue, even beyond current SAC membership.
		• [06/06/18] No update. Thom on action to get info to Katherine.
		• [05/02/18] No update, but working it.
		• [04/04/18] Thom to help support some review/revision for Katherine.
		• [04/04/18] No update.
		• [03/21/18] No update.
		• [03/07/18] Katherine to develop slides describing the situation to forward to Robby Robson.
		• [02/21/18] No update.
		• [02/07/18] No update.
		• [01/22/18] Michael O'Connor, Mark McCall, Katherine Morse to meet with Robby Robson tomorrow to evaluate the relationship between SISO and IEEE.
		• [01/03/18] No update.
		• [12/20/17] No update. Thom and Katherine to discuss off-line.
		• [12/06/17] No update
		• [11/15/17] No update
		• [11/01/17] No update.

Action	POC	Status
		• [10/18/17] Plan to bring a draft to the Winter SIW for in-person discussion.
		• [10/4/17] No update.
		• [8/22/17] Plan to summarize, no additional threads are thought to be needed, but will be addressed if any threads break out.
		• [8/10/17] Need SAC to review and comment or agree. Ready to present final version at SIW if needed. Thom to plan to start individual threads on items.
		• [07/12/17] Thom posted markup to reflector. Would like everyone to review and provide comments back to Thom. Thom to circulate with WG chairs.
		• [06/14/17] Thom M. reading through and working it, no huge changes. Plan to complete in a week or so. Katherine to send IEEE template to Thom regarding what can/cannot be changed. Discussion of SAC being the IEEE C/SI WG and reporting to the SISO EXCOM.
		• [05/17/17] Okay with IEEE, Katherine working this.
		• [05/17/17] SAC is the authorized group by IEEE, with PDGs working under guidance of the SAC, not directly authorized by IEEE.
		• [5/17/17] Thom to review and provide comments to Katherine M.
		• [04/19/17] No update.
		• [04/05/17] No update.
		• [03/22/17] No update.
		• [03/08/17] No update, but we're okay with the IEEE so no urgency.
		• [02/22/17] No update. JL to look into it.
		• [02/08/17] Katherine to bring up at the next EXCOM.
		• [08/19/16] SAC Chair recommended EXCOM approves at 2016 SIW F2F mtg the revised draft C/SI Working Groups P&P.
		• [08/16/16] SAC voted unanimously (including 2 eVotes) to approve.
		• [08/12/16] Recommendation made to delete reference to letter ballots and background information provided.
		• [08/04/16] Please initiate review of the changes made to the draft C/SI WGs P&P. Be prepared to vote to approve on 8/16. Please use discussion forum to ask questions, provide comments in advance of the meeting.
		• [08/04/16] Marcy provided updated comment resolutions to Randy Saunders and proposed having a telecon if needed to understand any remaining issues; he declined.
		• [08/02/16] Marcy provided updated comment resolutions to Jeff and Simone.
		• [07/27/16] Jeff and Marcy discussed Randy Saunders' 2nd round of comments and how to address them.
		• [07/25/16] Coordinated responses with SAC Chair and provided to Randy Saunders. Randy responded with add'l statements. Will work with SAC Chair to respond prior to sending resolutions to SAC and continuing process to approve.
		• [06/21/16] Randy Saunders comments being worked.
		• [06/07/16] Randy Saunders inputs will be reviewed, the appropriate changes made, and then the changes will be processed thru SAC and EXCOM again before being provided back to the IEEE SASB Audit Committee.
		• [06/01/16] Received inputs from Randy Saunders only.
		• [05/16/16] Messages posted on all C/SI WG discussions (i.e., HLA PDG/PSG, DISR/PRFOM PSG, DSEEP/DMAO PSG, and VV&A Products PSG) requesting WG Contacts coordinate review of the draft P&P and provided comments by 5/31/16.
		• [05/13/16] SAC withdrew C/SI WG P&P from IEEE SASB AudCom processing.
		• [05/12/16] C/SI/1516_WG Contact (Randy Saunders) identified changes needed to quorum and voting sections.
		• [05/10/16] Submitted to the IEEE SASB Audit Committee.
		• [05/09/16] EXCOM approved unanimously with no abstentions.
		• [04/21/16] SAC Chair provided EXCOM recommendation to approve.
		• [04/19/16] SAC voted unanimously (including 2 eVotes) to approve.
		• [04/05/16] Be prepared to vote to approve at the 4/19 mtg.

Action	POC	Status
		• [03/24/16] Please initiate review of the C/SI SISO SAC Standards Committee Working Groups Policies & Procedures. Use discussion to post comments. • https://discussions.sisostds.org/index.htm?A2=ind1603&L=SISO-SAC-PVT&F=P&S=&X=D623B2D57821694051&P=20075
SRFOM Ballot	Chris McGroarty	• [11/20/19] No update. • [11/6/19] Working it, telecon tomorrow. • [10/16/19] No update. • [10/2/19] No update. • [9/18/19] SRFOM is moving along swimmingly. • [8/21/19] No update. • [8/7/19] Moving forward, still resolving comments. • [7/3/19] BRG setup. Planning to start resolving comments soon. • [6/18/19] Plan to setup BRG 26 JUNE. • [6/5/19] Ballot results and comments provided to PDG chair and TAD. • [5/27/19] Balloting is complete. 16/17 responded, all accept or accept with comments. PDG forming BRG. • [5/15/19] Balloting started and continues until 24 MAY. Approximately 25 comments received so far. • [5/1/19] No update • [4/17/19] No update. • [4/3/19] Chris McGroarty noted that the voting capability had not been properly set up but has now been fixed. • [4/1/19] Comment Tracking System (CTS) setup to allow voting and ready to go. Bjorn or Chris to send email to ballot members (Lance sent template for possible reuse). • [3/25/19] Lance updated PDG to include missing ballot members. • [3/20/19] Lance to add missing ballot members (if any) to the SRFOM PDG. Chris or Bjorn to send email to ballot group to start! • [3/6/19] No Update. • [2/12/19] Allow Katherine L. Morse and Chris McGroarty to join ballot pool. Motion by Chris M, seconded by David G, unanimous. Further action to update the BPDSP. • [2/1/19] Lance sent email to chair and TAD suggesting path forward. • [1/22/19] Ballot registration closed, Bjorn sent message to PDG reflector. • [1/16/19] No update. • [12/19/18] Filling ballot pool. • [12/18/18] SRFOM ballot invitation sent out to SISO-ADMIN. • [12/5/18] Ballot registration system opened. Chris or Mark to update invitation, then Mark to send out. • [11/21/18] No update. • [11/16/18] Chris M sent ballot group request to Mark M. • [11/7/18] Approved unanimously by those present. Chris to start ballot group process. • [10/25/18] Chris sent checklist, and Katherine sent out request for SAC to review for vote on 11/7. • [10/11/18] Chris sent request to initiate ballot, and Katherine requested the supporting information.
ADM Product ~~Template~~ Updates	David Ronnfeldt	• [11/20/19] Update to BPDSP posted by Lance Marrou; suggest closing review under the new SAC • [11/6/19] No update. • [10/16/19] Still delayed. • [10/2/19] 2 weeks out of office and hurricane threatening Florida caused delays. New draft ready 11 OCT. • [9/18/19] Patrick Rowe and Lance talked through the documents and Lance briefed Patrick on the (already) many updates to the BPDSP. We still plan to have a complete BPDSP draft ready for initial review by the end of SEP, but any further hurricane threats may push that off. • [8/21/19] No additional update.

Action	POC	Status
		• [8/19/19] David and Lance discussed changes and path forward. Lance is working edits and will pass them to the SAC for additional discussion and review before final edits are made. Expect this to be complete end of SEP. • [8/8/19] Patrick Rowe will coordinate the P&P update and will interface w/Lance Marrou and David Ronnfeldt on the BPDSP update. • [8/7/19] Major updates coming, Lance and David working this. • [7/3/19] No update. • [6/18/19] Dave and Lance to get together and discuss path forward. • [6/5/19] No update • [5/15/19] No update • [5/1/19] No update • [4/17/19] No update to document, but discussion ensued about corrigendum. • [4/3/19] David will work with Lance to post the updated version in the digital library. • [3/20/19] Need to discuss our process for making these updates. David to make first round of updates, then pass to Lance for further review/comments. Then to the SAC for CTS. • [3/6/19] David is moving it into the new template. We will need an Editor, keep this in mind to volunteer at a future meeting. • [2/12/19] Working on P&P and BPDSP updates. Recommend Word change tracking for administrative changes (1 or 2 people). Use CTS for substantive changes. • [1/16/19] No update. • [12/19/18] Lance offered to migrate the 002 and 003 to the new template (maybe all of them).
I/ITSEC Special Event	Katherine L. Morse	• [11/20/19] No update. • [11/6/19] No kiosk at the DMSCO booth. Patrick looking for another ITSEC home, perhaps NATO. Will look for help on administering the booth. • [10/16/19] Do we need volunteers for SISO kiosk at the DMSCO I/ITSEC booth (if there is a booth). • [10/2/19] Still missing C2SIM. Katherine to reach out directly to Laurent and C2SIM group. • [9/18/19] Still missing some slides. • [8/21/19] Morse to send reminder email to SAC reflector about slides. • [8/7/19] Katherine continuing to harangue participants to get the proponents and final status. Need the cross-pollination quad charts. SAC members, please review for your groups. Looking for solid first version by first week of SEP. • [7/26/19] awaiting confirmation of third proponent (for HLA). Also waiting to hear from Roy whether it was accepted • [7/3/19] Continue to work. HLA (established), GFL (current), Wargaming (new). Still working on proponents. • [6/18/19] No update. • [6/5/19] No word on HLA proponent. Still in planning. • [5/15/19] Standards picked, GOV identified, not complete yet • [5/1/19] No update • [4/17/19] Confirmed leadership rep from all three groups. Have proponents from one group, but still waiting on other two. • [4/3/19] Group leaders (Randy Saunders, Bob Lutz and Chuck Turnitsa) confirmed, and they are working proponents. Leigh Yu confirmed as DMSCO speaker. Roy Scrudder distributed a timeline of actions/milestones to the primary organizers. • [3/22/19] Katherine posted to SAC PVT reflector: Our next action on this is to identify the SISO standardization lead, and industry proponent or government sponsor to brief each activity. • [3/20/19] Working on another I/ITSEC Special Event. Successfully briefed and in planning, same format as last year except maybe having industry proponents about how standards might be used. Need to identify how the standards might be highlighted.

Action	POC	Status
Combining Groups	Lance Marrou	• [11/20/19] No update. • [11/6/19] No update. • [10/16/19] No update. • [10/2/19] No update. • [9/18/19] No update. • [8/21/19] No update. • [8/7/19] No update. • [7/3/19] No update. • [6/18/19] No update. • [6/5/19] Kathy R suggested an idea for a CCB for already published balloted products. Katherine is adamantly opposed to it, but also commenting that we will be clear that minor (administrative) changes will be possible outside a ballot, to be clarified (codified?) in the BPDSP. Thom completely agrees. Lance suggested that the SAC is supposed to be that CCB role. • [6/5/19] Planned part of BPDSP update. • [5/15/19] No strong objections, need to figure out some details in the BPDSP and P&P. Katherine to discuss with EXCOM. • [5/1/19] No update • [4/17/19] Some comments on reflector. Why did we have this group makeup in the beginning? Discussion ensued as Katherine provided a quick background on the SISO group evolution. • [4/12/19] Recommend combining PDGs and PSGs, across the board. This should reduce administrative burden.
AcqMS Ballot Phase	Chris McGroarty	• [11/20/19] Lack of quorum, no update. • [11/6/19] Not enough quorum, but took vote and got 5 yes votes and need 2 more from an evote. • [11/6/19] Ballot registration closed, sufficient balloters and balanced. Balance sheet sent to SAC for review and approval. • [10/16/19] Still getting additional people to sign up. • [10/3/19] Patrick Rowe sent out note to SISO-ADMIN. • [10/2/19] Thanks to everyone for voting to approve extension. No further updates. From Patrick R, 7 new people signed up and we currently have 22 people. Patrick to send out a note to SISO-ADMIN. • [10/1/19] Ballot invitation extended. • [9/18/19] AcqMSStds is about halfway through the sign up period for balloting. • [8/23/19] Ballot Group Registration form setup by IST. • [8/21/19] Invitation to join the ballot group will go out shortly. • [8/8/19] The Acquisition M&S Profile PDG ballot preparation checklist was sent yesterday; Katherine to notify EXCOM and then TAD/Chair to initiate balloting through request to siso-help • [8/7/19] Updated checklist. Vote conducted (unanimous) to pass to EXCOM. • [7/3/19] Group is working on updating the comment resolution. Chris to check with group and get status. • [6/18/19] Chris to check with group and get status on moving forward. • [6/5/19] Motion to move forward based on expected resolution of comment 20. Passed unanimously. • [6/5/19] Checking on final resolution of comment 20 after checking that not all comments marked "A?" have been resolved. • [6/4/19] checklist v3 updated per comments on reflector • [5/31/19] SAC Chair instructed SAC members to review in advance of vote at 6/5 telecon • [5/30/19] Posted checklist v2 for AcqMS to enter ballot phase
C2SIM Ballot Phase	Laurent Prignac	• [11/20/19] No update. • [11/6/19] No update. • [10/16/19] No update. • [10/2/19] No update. • [9/18/19] No update. • [8/21/19] Awaiting checklist, maybe next week.

Action	POC	Status
		• [8/7/19] Laurent is working the task and the balloting preparation by THU 8/8. • [7/3/19] Group is preparing the document for balloting. Can the GUIDE be a part of the STD? Likely no. • [6/18/19] No update. • [6/5/19] Recommend one ballot, STD and STD.1, GUIDE. Need a checklist (one). • [6/4/19] Posted plan for C2SIM ballot. One response. • [5/28/19] Notified SAC plan to start ballot.
UCATT REF Product	Grant Bailey	• [11/20/19] No update. • [11/6/19] No update. • [10/16/19] No update. Need to work with new chair to get the decision made and product out. Chair received spreadsheet with all the comments and is looking at how to make the final changes. • [10/2/19] Still working towards a Reference Product. • [9/18/19] No update. • [8/21/19] No update. • [7/3/19] You do not ballot REF products. The group just approves it for publishing, then passes to SAC via TAD and EXCOM through SAC Chair. • [7/3/19] Answer to 1: Lance to submit to request the number. Answer to 2: SISO doesn't recognize errata per se. Some manner of comment/PCR collection and tracking is what is recommended. • [7/3/19] UCATT PDG wishes to move towards a ballot with their new reference document – the UCATT Laser Engagement Interface Standard (U-LEIS) Test Plan. Two questions: (1) What SISO number? (2) Any regulations from SAC on the use of errata?
Link16 Product Balloting	Angus McLean	• [11/20/19] Evote conducted, closed 11/20/19. Verbal approval from David Ronnenfeldt, Angus McLean. 5 approve. Reminder to vote sent. • [11/6/19] Lance forwarded checklist to SAC to request evote. • [10/16/19] Lance sent email explanation to officers for next steps to ballot the product. This action item changed from a PN to initiating the ballot. • [10/2/19] No further comments, Angus to make last change and submit for vote. Vote (unanimous), with minor corrections. Angus to send out. • [9/20/19] Submitted new products and draft PN. Comments and feedback from Katherine, Angus to make updates.
C-DIS PN	Lance Marrou	• [11/20/19] Evote closed on 11/15/19; 8 approve, 0 disapprove. • [11/6/19] EXCOM punted to SAC for proposal. Options: Go ahead as a SISO standard, notify IEEE but do it as a SISO standard, and get an IEEE PAR. Discussion on options, but consensus to do SISO standard. • [11/6/19] Lance to post request vote to SAC. • [10/16/19] No response from EXCOM yet. Still under discussion. • [10/7/19] Lance sent prior work doc and updated PN to SAC PVT list. • [10/2/19] Can we make this a SISO standard? Lance to send the current document to the SAC, and Katherine to bring this issue up to the EXCOM. • [9/26/19] Lance submitted proposed PN for C-DIS
CBMS SG Final Report	Brad Dillman	• [11/20/19] Katherine Morse has forwarded to EXCOM. • [11/6/19] Report sent to SAC for approval. Currently in evote. Received enough votes per current votes. Katherine to forward to EXCOM. • [10/16/19] Still working this. • [10/7/19] Lance made administrative edits and submitted to SAC PVT list. • [10/7/19] Kathy Ruben made some technical comments that need to be addressed. • [10/3/19] SISO-REF-074 has been assigned to the CBMS Study Group Final Report • [10/2/19] no update on the report, they documented what they had done, and are looking for a standing study group. Lance to submit for product ID and make final admin
SISO-REF-010	Lance Marrou	• [11/20/19] No update. • [11/6/19] At EXCOM for review.

Action	POC	Status
		• [10/16/19] Submitted RC3 to SAC for approval. Kathy Ruben moved to vote now, Lance M seconded. Unanimous. Katherine to send to EXCOM.
RIEDP TAD	Lance Marrou	• [11/20/19] No update. • [11/6/19] Sent notice to RIEDP group. Grant transitioning to TAD. Action closed. • [10/16/19] Lance is resigning as TAD for RIEDP PDG. Grant Bailey willing to pick this up.

NEW BUSINESS / ACTION ITEMS

Action	POC	Status
	John Stevens	• [11/20/19] Stevens recommends discussion, assuming upgrade of the SISO website, regarding movement of content prioritization based on business continuity, processes documents, remainder of collateral/explanations of organizations.
Minutes	Lance Marrou	• [11/20/19] Lack of quorum. No vote on 11/6/19 minutes.
Elections	Patrick Rowe	• [11/20/19] Reminder to self-nominate for SAC officers. • [11/6/19] Grant Bailey and Peggy Gravitz were only elected members to SAC. Remaining members: David Graham, David Ronnfeldt, Brad Dillman, Patrice Le Leydour, Kathy Ruben.
ADJOURN		• There being no further business, this meeting is adjourned.

Table 1 — SAC Member Assignments

#	Acronym	Group Title	SAC Member
1.	ACQ M&S PDG	Acquisition Modeling & Simulation Standards Profile PDG	Chris McGroarty
2.	BOM PSG	Base Object Model PSG	Kathy Ruben
3.	C2SIM PDG/PSG	Command and Control Systems – Simulation Systems Interoperation PDG/PSG	Laurent Prignac
4.	CIGI PSG	Common Image Generator Interface PSG	Grant Bailey
5.	DDCA PSG	Distributed Debrief Control Architecture PSG	David Ronnfeldt
6.	DIS / RPR FOM PSG	Distributed Interactive Simulation / Real Time Platform Reference Federation Object Model PSG	Lance Marrou
7.	DSEEP/DMAO PSG	Distributed Simulation Engineering and Execution Process/DSEEP Multi-Architecture Overlay PSG	Katherine Morse
8.	DSEEP VVA Overlay PDG	DSEEP VVA Overlay	Kathy Ruben
9.	EDRS PSG	Environmental Data Representation Standards PSG	Grant Bailey
10.	ENGTAM SSG	Exploration of Next Generation Technology Application to Modeling and Simulation SSG	David Graham
11.	FEAT PSG	Federation Engineering Agreements Template PSG	Brad Dillman
12.	GDACL PSG	Gateway Description and Configuration Languages PSG	Patrice Le Leydour
13.	GSD PDG	Guideline on Scenario Development PDG	Patrice Le Leydour
14.	HLA PDG/PSG	High Level Architecture PDG / High Level Architecture-Evolved PSG	Katherine Morse
15.	HPML PDG	Human Performance Markup Language PDG	John Stevens
16.	RIEDP PDG	Reuse and Interoperability of Environmental Data and Processes PDG	Grant Bailey
17.	RPR FOM PDG	Real Time Platform Reference Federation Object Model PDG	Patrice Le Leydour
18.	SRFOM PDG	Space Reference Federation Object Model PDG	Chris McGroarty
19.	SRML PSG	Simulation Reference Markup Language PSG	John Stevens
20.	TADIL TALES PDG PSG	Tactical Digital Information Link-Technical Advice and Lexicon for Enabling Simulation PDG PSG	Thom McLean
21.	UCATT PDG	Urban Combat Advanced Training Technologies PDG	Grant Bailey

| #	Acronym	Group Title	SAC Member
22.	VV&A PSG	VV&A Products PSG	Kathy Ruben
23.	WebLVC PDG	WebLVC PDG	Patrice Le Leydour
24.	SAC SWG Enumerations	SAC SWG Reference for Enumerations for Simulation	Lance Marrou
25.	CBMS SG	Cloud-based M&S SG	Brad Dillman
26.	CyberMS SG	Cyber M&S SG	Chris McGroarty
27.	SW SG	Simulation and Wargaming SG	
28.	Appeals Board	SAC Representative to Appeals Board	David Ronnfeldt
29.	Award Board	SAC Representative to Award Board	John Stevens
30.	BPDSP Tiger Team	BPDSP Tiger Team (EXCOM)	David Ronnfeldt
31.	Conference Committee	SAC ex officio member of SISO Conference Committee	David Ronnfeldt
32.	Executive Committee	SAC ex officio member of SISO Executive Committee	Katherine Morse
33.	IEEE CS SAB (C/SI)	SAC Representative to IEEE Computer Society Standards Activities Board, Computer/Simulation Interoperability (C/SI) Standards Committee	Katherine Morse
34.	ISO/IEC JTC1/SC24/WG	SAC Liaison to International Organization for Standardization, Computer Graphics, Image Processing and Environmental Data Representation (ISO/IEC JTC 1/SC 24)	Katherine Morse
35.	NATO Liaison	Liaison to NATO Modelling and Simulation Group	Grant Bailey
36.	SAC List Manager	SAC Oversight List Manager	Lance Marrou
37.	Special Outreach Committee	SAC Representative to EXCOM Special Outreach Committee	Chris McGroarty
38.	SPS Manager	Shared Public Specifications Manager (Review submissions)	David Ronnfeldt
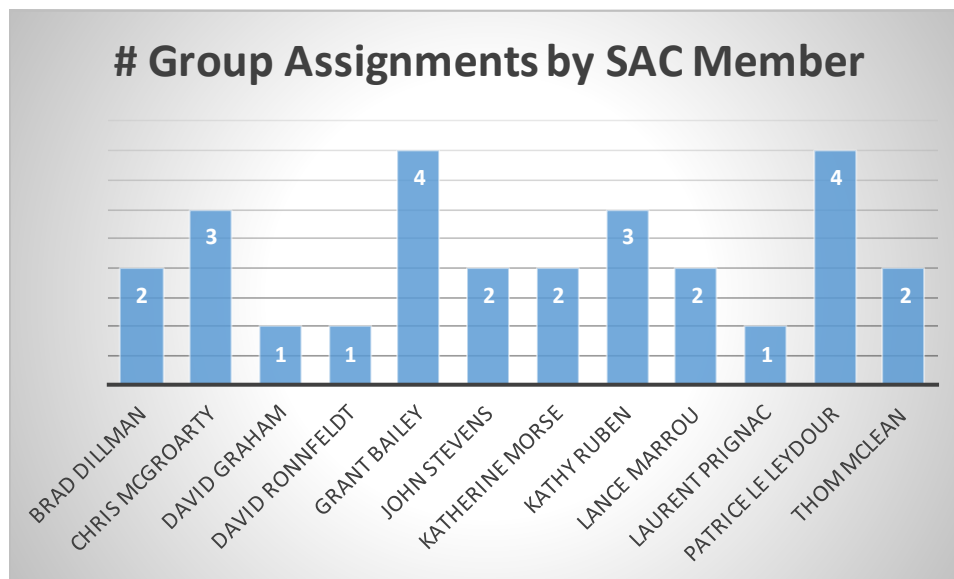
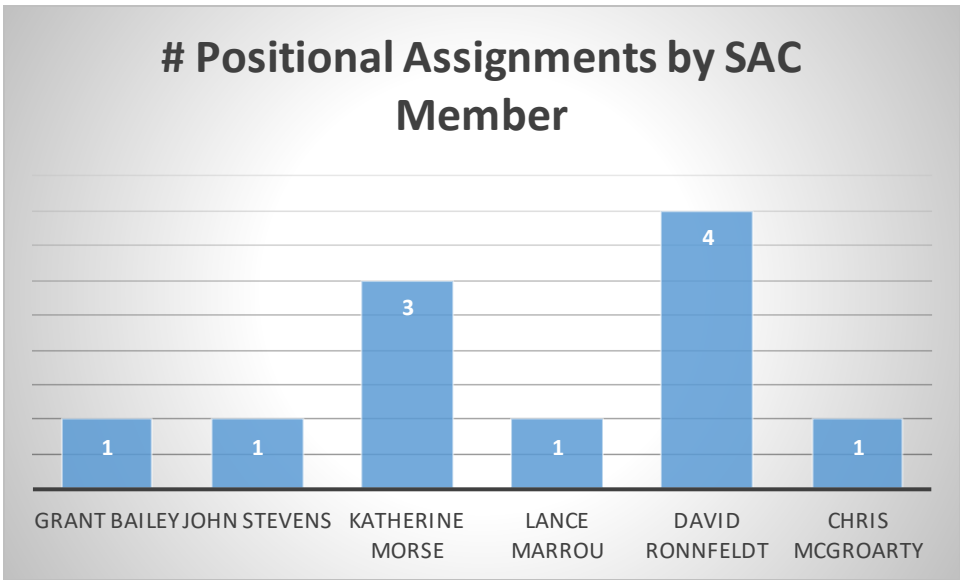

Figure 1 — SAC Member Group Assignments (16 October 2019)

Figure 2 — SAC Member Positional Assignments (16 October 2019)