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| Working Group | **IEEE DYSPAN-SC 1900.5** |  |
| Title | ***Meeting minutes 0273 for the P1900.5 Meetings of December 6, 2024*** |  |
| DCN | ***5-25-0003-mins*** |  |
| Date Submitted | ***01/24/2025*** |  |
| Source(s) | ***Eric Lindahl (Sciumo)***  ***email:*** [***eric@sciumo.com***](mailto:eric@sciumo.com) |  |
|  |  |  |
| Abstract | ***Minutes for the IEEE 1900.5 meetings held on December 6, 2024*** |  |
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**1. Administrivia**

**1.a Roll Call**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 8/2/24 | WG Status | First Name | Last Name | Affiliation |
| X | Member | Julia | Andrusenko | Rampart Communications |
| X | Member | Carlos | Caicedo | Syracuse University (Vice Chair) |
|  | Participant | David | Chester | L3Harris |
|  | Member | Brent | Josefiak | L3Harris |
|  | Participant | Mitch | Kokar | VIStology & Northeastern University |
|  | Member | Alex | Lackpour | Drexel University |
| X | Member | Eric | Lindahl | AMT66 |
| X | Member | Reinhard | Schrage | SchrageConsult |
| X | Member | Kael | Stilp | MITRE |
|  | Member | John | Stine | MITRE (Chair) |
|  | Participant | Timothy | Woods | ANDRO Computational Solutions, LLC |
|  | Participant | Daniel | Zahirniak | Joint Electromagnetic Warfare Center (JEWC) |
|  | Participant | Ed | Coyle | Georgia Institute of Technology |
|  | Participant | Karen | Haigh |  |
| X | Member | Shastri | Jayram | University of Johannesburg |
|  | Participant | Sean | Furman | ANDRO Computational Solutions, LLC |
|  | Participant | Joel | Johnson | L3Harris |
|  | Participant | Chad | Lau | L3Harris |
|  | Participant | Jakub | Moskal | Vistology |
|  | Participant | Becca | Rousseau | MITRE |
|  | Member | Tony | Rennier | Foundry Inc. |
|  | Participant | Mark | Silvius | SSC |
|  | Participant | Jesse | Caulfield | Keybridge Wireless |
|  | Observer | Dalisa | Gonzalez | IEEE |
|  | Participant | Yanji | Chen | Google |
|  | Member | Mohin | Ahmed | HRL |
|  | Participant | Rajesh | Krishan | Self |
|  | Participant | Benjamin | Rolf | Blind Creek Associates (BCA) |
|  | Participant | Jxiaxang | Tang | University of Minnesota |

Attendance: 6

Quorum achieved: Yes (6 members required)

**1.b. Approval of Agenda**

**12/6/24 14:30 – 16:30 ET**

1. Administrivia
   1. Roll Call / Quorum Check
   2. Approve Agenda
   3. Copyright Slides
   4. Patent Slides
   5. Approval of recent minutes
2. Status on 1900.5 Revision
3. Status on 1900.5.1
4. Status on 1900.5.2 Revision
5. Opensource Repository Status
6. Review of other 1900 activities (1900.1, Leadership meeting etc.)
7. Website discussion
8. 1900.5 Marketing Opportunities
9. 1900.5 Meeting Planning and Review
10. AoB

Approval of Agenda from 5-24-002-01-agen

* Mover: Reinhard

Second: Eric

Vote: UC

**1.c. Copyright slides**

Copyright policy slides were presented. No comments came forward.

**1.d. Patent slides / Notes on status**

Patent related slides were presented. No issues came forward

**1.e. Approval of recent minutes**

* Motion to approve 7/12/24 WG minutes contained in 5-24-0025-00-min
  + Mover: Carlos
  + Second: Julia
  + Vote:
* Motion to approve 9/6/24 WG minutes contained in 5-24-0026-00-min
  + Mover: Julia
  + Second: Reinhard
  + Vote:

**2. Status of 1900.5 Revision**

* 8/2/24
  + No meetings
* 9/6/24
  + Had a ad hoc meeting and came up with descriptions of stakeholders and developed a proposed family of controls. This will be covered in the next meeting.
* 10/4/24
  + Had a ad hoc meeting. Eric presented the controls framework. Framework is posted on iMeet. The idea focuses on V&V. It breaks down the controls through the lifecycle.
* 11/4/24
  + Started to put the standard into a template – doing the initial organization of the document and some guidance on clause content
* 12/6/24
  + Started to work from the template. Right now we are in the first section covering terminology. Harmonizing the terminology form the previous 1900.5, 1900.5.1 and 1900.5.2. Done so we can make a basic control set that we can work completely through. Need the terminologies normalized. Sent out a spreadsheet for review of those terms by group members.

**2. Status of 1900.5 Revision PAR Strategy**

None

**3. Status of 1900.5.1**

* 11/1/24
  + Same state as before. Conducted an additional ad hoc about how procedural and non-procedural components work together. Studying the 1900.5.2 elements on their descriptions of locations and addressing how 1900.5.1 is adaptable to those location definitions
* 12/6/24
  + Registered a paper for DySPAN in London. Will upload a draft onto the iMEET central and will send the link so the group can give feedback.
  + Ad Hoc to be scheduled in the future

**4. Status of 1900.5.2 Revision**

* 10/4/24
  + Conducted an ad hoc on 6 Sep. Reinhard covered the grounded forms and mapped them out to SCM variables. Covered the logical decomposition of the predicates from the deontic point of view.
* 11/1/24
  + Standard was advanced to RevCom. May still have to address reproduction of graphics in the standard.
* 12/6/24
  + Waiting for RevCom Review.
  + Plan amendments to address location of the normative schemas and maybe some other matters

**5. Opensource Repository**

* Lead – Eric Lindahl
* Maintainer – Carlos Caicedo, Becca Rousseau
* 3/1/24
  + Will attempt a meeting with IEEE Josh Gay and invite Becca to the meeting.
  + Will post after balloting as PURL requires final approval
* 12/6/24
  + same

**6. Review of other DySPAN-SC activities**

* Met on 19 Nov24 – Did not have quorum so a short meeting
* Treasurer – >$46,827.80 in the account
* Working on the P&P since it is set to expire at the end of the calendar year
  + AudCOM sent back a checklist of what is modifiable and what is not.
  + Oliver is objecting to some of the changes that AudCom is demanding.
* Discussed the role of the Open Source Officer
* Selected updates
  + 1900.1 – Working toward a Dec meeting. Updating their P&P.
  + 1900.2 – Eric is leading this group.
  + 1900.6 - Working on use cases which is a mapping to the information model. Then some additional house keeping or the project. We want to maximize the utility of the standard. I will reinitiate that.
  + 1900.8 – Made big decisions to accelerate themselves. They tried to use a package called Google Croissant. A framework for ML. A software package that support composing data sets for writing and reading and join them together for a schema. Its features are not developed enough. We are going to hold off on that. It does not need to be part of the standard. We wanted to create software to help transition but the limitation of the software made us to want to descope that goal. Now we are going to return to writing – in good shape to get close to 80 – 90% complete in a couple of months. At 50% now. Our PAR will expire in Jan 2025. We have already revised the PAR. Our scope has changed from four years ago. Have a meeting with the WG next week and we will seek agreement on revised PAR.
* Updating the 1900 web site – not much work has been done
  + Each workgroup has been tasked with updating their specific content
  + The Secretary’s (Alex Lackpour’s) role is to update our web site. Recommended reviewing and editing our website as a word document and he would then make changes based on the word document to the web page
* Funds are available to support publishing and promotion
* Potential new projects – Oliver encouraged our engagement with the IMT 2030 New Standards Initiative for 6G - IMT towards 2030 and beyond (itu.int)
* DySPAN 2025 will be in London – Consider a face-to-face there

**7. Website**

* [IEEE 1900.5 | DySPAN Standards Committee](https://sagroups.ieee.org/dyspan/ieee-1900-5/)
* [Word version on iMeet](https://ieee-sa.imeetcentral.com/p1900-5/folder/WzIwLDE3MDgwNzczXQ/WzIsODQ4NjE5NjFd/) – volunteers to update
  + Images: Authors
  + Scope: John
  + 1900.5R: Eric
  + 1900.5.1 & 1900.5.1R: Reinhard
  + 1900.5.2 & 1900.5.2R: John Stine

**8. 1900.5 Marketing Opportunities**

* 9/6/24
  + MILCOM 24 tutorial proposal was not selected
  + Carlos was awarded a new NSF grant that will also use SCMs. It is about building a core spectrum management architecture. The lower layer of what is part of 1900.5R. We are creating the information exchanges for these lower layers. It is a bit different than that of 1900.5R. Need some work to merge appropriately.
* 10/4/24
  + A paper was presented at SECOM. The questions that came up was who is using the standard? Next questions seem relevant to the discussions on the new regulations to make better use of spectrum and make use of spectrum sharing mechanisms. Recommend we find a way to streamline the submission of comments to the FCC.
  + Carlos and John have been invited to present on SCMs at the November SpectrumX Radio Shop Chat
* 12/5/24
  + Eric will be presenting to AoC meeting on Information Warfare in Augusta, Ga in February. Presentation will cover an extension to SFAF to exchange 1900.5.2 models.
  + Carlos is submitting a paper on SCMs and spectrum sharing economics

**9. 1900.5 meeting planning and review**

* ~~P1900.5 WG Mtg 11/1/24 0800 ET~~
* ~~P1900.5 Revision Ad-hoc 11/8/24 1330 ET~~
* ~~P1900.5 Revision Ad-hoc 11/22/24 1300 ET~~
* P1900.5 WG Mtg 12/6/24 1430 ET
* P1900.5.1 Revision Ad-hoc 12/6/24 1430+ ET
* P1900.5 Revision 12/13/24 1330 ET
* P1900.5.1 Revision Ad-hoc 12/20/24 1300 ET
* P1900.5 WG Mtg 1/3/25 0800 ET

**10. AoB**

* None

Meeting adjourned about 15:30