|  |  |  |
| --- | --- | --- |
| Working Group | **IEEE DYSPAN-SC 1900.5** |  |
| Title | ***Meeting minutes 0273 for the P1900.5 Meetings of March 7, 2025*** |  |
| DCN | ***5-25-0010-mins*** |  |
| Date Submitted | ***05/01/2025*** |  |
| Source(s) | ***Eric Lindahl (Sciumo)***  ***email:*** [***eric@sciumo.com***](mailto:eric@sciumo.com) |  |
|  |  |  |
| Abstract | ***Minutes for the IEEE 1900.5 meetings held on March 7, 2025*** |  |
|  |  |  |
| Notice | This document has been prepared to assist the IEEE DYSPAN-SC. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |  |
| Release | The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE’s name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE’s sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that IEEE DYSPAN SC may make this contribution public. |  |
| Patent Policy | The contributor is familiar with IEEE patent policy, as outlined in [Section 6.3 of the IEEE-SA Standards Board Operations Manual](http://standards.ieee.org/guides/opman/sect6.html#_blank) <<http://standards.ieee.org/guides/opman/sect6.html#6.3>> and in *Understanding Patent Issues During IEEE Standards Development* <<http://standards.ieee.org/board/pat/guide.html>>. |  |

**1. Administrivia**

**1.a Roll Call**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3/7/2025 | 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 |
|  | Member | Kael | Stilp | MITRE |
| X | 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 |
|  | Participant | Mohin | Ahmed | HRL |
|  | Participant | Rajesh | Krishan | Self |
|  | Participant | Benjamin | Rolf | Blind Creek Associates (BCA) |
|  | Participant | Jxiaxang | Tang | University of Minnesota |

Attendance: 7

Quorum achieved: Yes (5 members required)

**1.b. Approval of Agenda**

**3/7/25 08:00 – 10:00 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 5-25-005-00-agen

* Mover: Reinhard

Second: Carlos

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 11/1/24 WG minutes
  + Mover:
  + Second:
  + Vote:
* Motion to approve 1/3/25 WG minutes contained in
  + Mover:
  + Second:
  + Vote:
* Motion to approve 1/3/25 WG minutes contained in
  + Mover:
  + Second:
  + Vote:

**2. Status of 1900.5 Revision**

* 12/6/24
  + Started to work from the template. Right worldwide 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.
* 1/3/25
  + Currently integrating regulatory terminology into a base vocabulary. This is being done for a worldwide spectrum management.
* 2/7/25
  + Making steady progress form a framework perspective. Still under discussion.
  + Material posted for members to review before the meeting on the 14th.
* 3/7/25
  + Went over a proposed document searcher for controls
  + Went of the first set of basic control
  + Discussed the redefinition of terms and acronym with IEEE 1900.1
  + Went over the inputs to the AI/ML position paper for DySPAN SC to contribute to IMT 2030

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

None

**3. Status of 1900.5.1**

* 1/3/25
  + Working on the syntax of the automatic policy language and will present in the following ad hoc. Supports Lambda Expressions.
* 2/7/25
  + Working on the policies. Started addressing the verification rules in the IEEE 1900.5.2 standard. Identifying how the semantic constraints are met – covered by the ontology or by additional rules. Developed rules for this to demonstrate how to use the 1900.5.1 augmentation.
  + Working on an easy way to define predicates. Looking at how the constraints apply to the predicate.
  + Working on these examples. The syntax already been defined
  + Want to put this in a written form for people to review before presenting it
  + Looking for the next ad hoc to be scheduled on the 21st.
* 3/7/25
  + Had an ad hoc that covered the appropriate .5.1 clause to express the validation tables for 1900.5.2
  + Next ad hoc will cover policies on how to express them in .5.1 – see scheduled meeting for next ad hoc.

**4. Status of 1900.5.2 Revision**

* 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
* 1/3/25
  + Standard revision was approved. It is now going through editing
  + Anticipate a PAR and quick amendment to make the schema at the open-source site normative
* 2/7/25
  + No updates
* 3/7/25
  + No updates

**5. Opensource Repository**

* Lead – Eric Lindahl
* Maintainer – Carlos Caicedo, Becca Rousseau
* 3/7/25
  + Same

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

* Met on 18 Feb 25
* Treasurer – >$47,549.73 in the account
* Selected updates
  + 1900.1 – Sent out invites for next online meetings with limited response – Will reschedule a meeting based on feedback
  + 1900.2 – Limited response to the request to participate. Eric will reach out to former members of 1900.2. Letter out to Dalissa for call for participation
  + 1900.6 – At the same level of progress. Simply thinking about continuing hoping there is interest
  + 1900.8 – One member is creating a schema that will be up soon. It will not be fully integrated with SIGMF. However, it should still allow creating a pipeline into the other schemas and would preserve RF information. Using 5G data sets as a litmus test
* 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
* Potential new projects – Looking at 6G and the importance of spectrum sharing
  + Eric currently putting to together a document on AI/ML in DySPAN
* DySPAN 2025 will be in London – Oliver is coordinating DySPAN-SC participation
  + Intends to buy a sponsor role that supports three registrations and an exhibitor space
    - Working with IEEE to resolve handouts and the logo that we would provide in this role
    - Identifying who to support for attendance – Oliver sent out an email giving guidance on how to apply for DySPAN-SC committee funding of participation with responses due 7 March.

**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**

* 11/1/24
  + A Rutgers researcher presented the utility of SCMs to the ORAN Alliance
  + Carlos and John will present SCMs on 6 November at the SpectrumX Radio Shop Chat
* 12/6/24
  + 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
* 1/3/25
  + Eric will reach out to relevant parties
* 2/7/25
  + Carlos has a paper in DySPAN that mentions SCMs
* 3/7/25
  + Invitation to IEEE 1900.5.1 to contribute to a new IEEE Magazine “IEEE Data Descriptions”
    - Provides additional opportunities for other projects
    - Provides opportunity for additional visibility of the WG’s work

**9. 1900.5 meeting planning and review**

* ~~P1900.5 WG Mtg 2/7/25 1430 ET~~
* ~~P1900.5 Revision Ad-hoc 2/14/25 1330 ET~~
* ~~P1900.5.1 Revision Ad-hoc 2/21/25 1300 ET~~
* ~~P1900.5 Revision Ad-hoc 2/28/25 1300 ET~~
* P1900.5 WG Mtg 3/7/25 0800 ET
* P1900.5 Revision Ad-hoc 3/14/25 1330 ET
* P1900.5.1 Revision Ad-hoc 3/21/25 1300 ET
* P1900.5 Revision Ad-hoc 3/28/25 1300 ET
* P1900.5 WG Mtg 4/4/25 1430 ET

**10. AoB**

* None

Meeting adjourned about 09:00