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| an Working Group | **IEEE DYSPAN-SC 1900.5** |  |
| Title | ***Meeting minutes 0273 for the P1900.5 Meetings of January 12, 2024*** |  |
| DCN | ***5-24-0008-00-mins*** |  |
| Date Submitted | ***01/12/2024*** |  |
| Source(s) | ***Eric Lindahl (AMT66)***  ***email:*** [***eric@sciumo.com***](mailto:eric@sciumo.com) |  |
|  |  |  |
| Abstract | ***Minutes for the IEEE 1900.5 meetings held on Jan 12, 2024*** |  |
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**1. Administrivia**

**1.a Roll Call**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1/12/24 | WG Status | First Name | Last Name | Affiliation |
|  | Member | Julia | Andrusenko | Rampart Communications |
| X | Member | Carlos | Caicedo | Syracuse University (Vice Chair) |
|  | Participant | David | Chester | L3Harris |
|  | Member | Brent | Josefiak | L3Harris |
|  | Member | Mitch | Kokar | VIStology & Northeastern University |
| X | 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) |
|  | Member | Timothy | Woods | ANDRO Computational Solutions, LLC |
|  | Participant | Daniel | Zahirniak | Joint Electronic 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 | Jennifer | Santulli | IEEE |
|  | Participant | Yanji | Chen | Google |
| X | Participant | Mohin | Ahmed | HRL |
| X | Participant | Rajesh | Krishnan | Self |

Quorum achieved Yes (6 members)

**1.b. Approval of Agenda**

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 5-24-0001-01-agen

* Mover: Eric

Second: Reinhard

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 January 2023 WG Minutes contained in Doc #: 5-24-0002-00-mins
* Mover:
* Second:
* Vote:
* Motion to approve August 4 2023 WG Minutes contained in Doc #: 5-23-0024-00-mins
* Mover: Carlos
* Second: Alex
* Vote:
* Motion to approve September 1 2023 WG Minutes contained in Doc #: 5-24-0003-00-mins
* Mover: Carlos
* Second: Reinhard
* Vote:

**2. Status of 1900.5 Revision**

* 11/3/23
  + Request was made to cancel the PAR – now need to work on creating a new PAR for submission in December
* 12/1/23
  + PAR is likely to be rejected. We will work on a new PAR in today’s ad hoc
* 1/12/24
  + New PAR submitted for 24 January NesCOM meeting
  + Cancelled todays ad hoc

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

None

**3. Status of 1900.5.1**

* 11/3/23
  + Waiting for PAR approval
  + Request an ad hoc after the next WG meeting
* 12/1/23
  + PAR was Submitted – Comments were received and addressed. Vote will occur 5 December at 0900 ET
* 1/12/24
  + New Revision PAR approved 5 Dec 23
  + Schedule a new ad hoc any Friday in February
  + Tentative February 2nd after 1900.5 afterwards

**4. Status of 1900.5.2 Revision**

* 11/3/23
  + Continue to work to resolve new comments. Work now involves closing the last few comments and finalizing the schema
* 12/1/23
  + A whisker away from completion – likely complete in the next two weeks and will post on Mentor and will use email to conduct a WG ballot to approve advancing to a new standards ballot.
* 1/12/24
  + 1900.5.2 Revision was completed and placed on Mentor. CRG is doing the final review
  + Will seek the WG to authorize moving it forward to ballot
  + The volumes of updates have made this a very different standard and the CRG recommends that we start over, form a new ballot group. This will enable current anticipated users (e.g. NSF NRDZ participants, government) to have a vote.
  + Alex asks to explain how 1900.5.2 is related to NRDZ <https://new.nsf.gov/funding/opportunities/spectrum-innovation-initiative-national-radio>
    - Carlos, have 1-2 sites have stress test experiments for dynamic spectrum access at scale with several teams. Much interest for integration of SCM.
  + Standard has some MS Word equation format issues, Eric an Carlos volunteer to try to

**5. Opensource Repository**

* Lead – Eric Lindahl
* Maintainer – Carlos Caicedo, Becca Rousseau
* 12/1/23
  + Still waiting for final schema before posting
* 1/12/24
  + After final CRG review will schedule meeting with Josh for publishing the PURL for 1900.5.2 and what is required.

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

* Met on 19 Dec–John Stine did not attened
* Treasurer – Discussed making claims on the IEEE Concur site
* Selected updates
  + 1900.1 – Recently not meeting – but still revising definitions
  + 1900.2 – No report
  + 1900.6 – currently 3 voting members and not very active. Oliver sees it as his responsibility to get the work moving
  + 1900.8 – Some progress - Finalizing the spreadsheet of metadata fields required for each of the RF use cases – classifying and detecting emitters
* 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 –
  + Current discussion covered ideas to provide a control channel for managing wireless spectrum sharing
  + Spent some time looking through the 6g framework thinking it will reveal some ideas
* Still hoping for a face-to-face SC meeting at the DySPAN Conference in DC in May 2024

**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**

* 12/1/23
  + Carlos and John submitted a tutorial proposal on IEEE 1900.5.2 at DySPAN 24
  + Reinhard submitted a paper for Workshop on Linear Algebra and Signal Processing in AI/ML for Spectrum Awareness titled “Generalized Boolean Lattices for Policies for Dynamic Spectrum Access Systems”
  + Carlos gave talks at the NSF NRDZ COM3
* 1/12/24
  + No news

**9. 1900.5 meeting planning and review**

* ~~P1900.5 WG Mtg 12/1/23 1430 ET~~
* ~~P1900.5 Ad hoc 12/1/23 1430+ ET~~
* ~~P1900.5.1 Ad hoc 12/1/23 1430+ ET~~
* ~~P1900.5 Revision Ad-hoc 12/8/23 1330 ET~~
* ~~P1900.5.2 CRG 12/15/23 1300 ET~~
* P1900.5 WG Mtg 1/12/24 0800 ET
* P1900.5.2 CRG 1/19/24 1300 ET
* P1900.5 Revision Ad hoc 1/26/24 1300 ET
* P1900.5.2 CRG 2/2/24 1300 ET
* P1900.5 WG Mtg 2/2/24 1430 ET
* P1900.5.1 Revision Ad hoc 2/2/24 1430 ET

**10. AoB**

* None

Meeting adjourned at 9:00 A.M. EST