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| an Working Group | **IEEE DYSPAN-SC 1900.5** |  |
| Title | ***Meeting minutes 0273 for the P1900.5 Meetings of October 6, 2023*** |  |
| DCN | ***5-24-0005-00-mins*** |  |
| Date Submitted | ***01/10/2024*** |  |
| Source(s) | ***Eric Lindahl (AMT66)*** ***email:*** ***eric@sciumo.com*** |  |
|  |  |  |
| Abstract | ***Minutes for the IEEE 1900.5 meetings held on Oct 6, 2023*** |  |
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**1. Administrivia**

**1.a Roll Call**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10/6/23 | WG Status | First Name | Last Name | Affiliation |
| X | Member | Julia | Andrusenko | Rampart Communications |
| X | Member | Carlos | Caicedo | Syracuse University (Vice Chair) |
| X | Member | David | Chester | L3Harris |
| X | Member | Brent | Josefiak | L3Harris |
|  | Member | 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 |
| X | Member | John  | Stine | MITRE (Chair) |
|  | Member | Timothy | Woods | ANDRO Computational Solutions, LLC |
|  | Participant | Daniel | Zahirniak | Joint Electronic Warfare Center (JEWC) |
|  | Member | 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 |
| X | Member | Tony | Rennier | Foundry Inc. |
|  | Participant | Mark | Silvius | SSC |
|  | Participant | Jesse | Caulfield | Keybridge Wireless |
|  | Observer | Jennifer | Santulli | IEEE |
| X | Participant | Yanji | Chen | Google |

Quorum achieved Yes (7 members)

**1.b. Approval of Agenda**

Approval of Agenda from 5-23-0019-01-agen

* Mover: Reinhard

Second: Tony

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**

Approval of WG minutes: 1/6/23

Note: Missing

* Motion to approve 7/7/23 WG minutes contained in Doc #: 5-23-0017-00-mins
* Mover: Carlos
* Second: Reinhard
* Vote: UC

Approval of WG minutes: 8/4/23

Note: Missing, Agenda needs updating

Approval of WG minutes: 9/1/23

Note: Missing, Agenda needs updating

**2. Status of 1900.5 Revision**

* 9/1/23
	+ PAR strategy established. Will create a new PAR if it has no effect on the existing standard or will push for extension if it does
	+ A document that covers current discussion will be posted by 4 Sep
* 10/6/23
	+ Discussed the new layout of the architecture of the standard and received comments on the high level architecture
	+ Discussed the detail of the functionality of each layer of the architecture
	+ Updated the architecture document and will discuss at the next meeting
	+ Cancel the current PAR by 14 Oct and resubmit in December – Will discuss the new PAR at 13 Oct ad hoc. If time permits discussion on the architecture document will follow

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

**3. Status of 1900.5.1**

* 8/4/23
	+ Updated a revision PAR and will be discussed at the follow-on ad hoc.
* 9/1/23
	+ Finishing a new version of the 1900.5.1R PAR. Will distribute. Posted on MyProject. Will vote on accepting next WG meeting.
* 10/6/23
	+ Par ad hoc follows after this meeting

**4. Status of 1900.5.2 Revision**

* 9/1/23
	+ Held one CRG meeting and in that meeting
		- Updated descriptions of Order 1 IM effects (harmonic transmission and image frequencies)
		- Added informative annex on computing areas of ellipsoidal triangles
	+ Today’s CRG meeting is canceled and an additional CRG meeting will be scheduled for 29 Sep
* 10/6/23
	+ CRG group met three times and has made great progress
		- Expect completion of draft version 2 by next WG meeting

**5. Opensource Repository**

* Lead – Eric Lindahl
* Maintainer – Carlos Caicedo, Becca Rousseau
* 9/1/23
	+ No changes – need to schedule a new meeting with the IEEE SA contact – Joshua Gay j.gay@ieee.org
	+ Work with schemas to update their namespaces to match the PURL
	+ Alex and Eric will review the steps for creating the PURL and will inform the group of the choice
* 10/6/23
	+ PURL settled
		- The root URL "[purl.ieee.org/sa](http://purl.iee.org/sa)" for the standards groups is fixed and must be the root and using "/dyspan" for our DySPAN work, and "/scm" for our SCM work
		- Our SCM full PURL is "[purl.ieee.org/sa/dyspan/scm](http://purl.ieee.org/sa/dyspan/scm)"

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

* Met on 19 Sep–notes follow
* Treasurer – Reinhard has received a credit card and it has been activated
* Selected updates
	+ 1900.1 – Meetings ongoing
	+ 1900.2 – No report
	+ 1900.6 – No report
	+ 1900.8 – Investigated a data set with 5G data. Reviewed an ITU standard to store IQ data samples and meta data of those recordings. Want to map this standard to theirs as well as the SIGMF standard
* 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 – Halted previous ideas for the time being
* Oliver and Alex gave a briefing at the Alan Turing Institute conference discussing the use of AI/ML. Discussions covered
	+ The need for data sets and standards for those data sets
	+ Defense applications that do not require databases
* Still hoping for a face-to-face SC meeting at the DySPAN Conference in DC in May 24

**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**

* 8/4/23
	+ Carlos and John will be presenting a 1900.5.2 tutorial at MILCOM 2023 an Oct 30th.
	+ John submitted an abstract to do a presentation on using standards in EMSO to AOC
	+ Consider having a booth at DySPAN 24
* 9/1/23
	+ Team from NW and MIT that has a NSF grant under the NRDZ program. It is a supplement to the grant that Carlos has. They are looking at market structures and the spectrum access agreements. Carlos will be collaborating with them and they are likely to use SCMs.
* 10/6/23

**9. 1900.5 meeting planning and review**

* ~~P1900.5 WG Mtg 9/1/23 0800 ET~~
* ~~Open-Source Meeting TBD~~
* ~~P1900.5 Revision Ad hoc 9/8/23 1330 ET~~
* ~~P1900.5.2 CRG 9/15/23 1300 ET~~
* ~~P1900.5 Revision Ad-hoc 9/22/23 1300 ET~~
* ~~P1900.5.2 CRG 9/29/23 1300 ET~~
* P1900.5.2 CRG 10/6/23 1300 ET
* P1900.5 WG Mtg 10/6/23 1430 ET
* P1900.5.1 Ad hoc 10/6/23 1430+ ET
* P1900.5 Revision Ad-hoc 10/13/23 1330 ET
* P1900.5.2 CRG 10/20/23 1300 ET
* P1900.5 Revision Ad-hoc 10/27/23 1330 ET
* P1900.5 WG Mtg 11/3/23 0800 ET

**10. AoB**

* None

Meeting adjourned at 4:15 P.M. EST