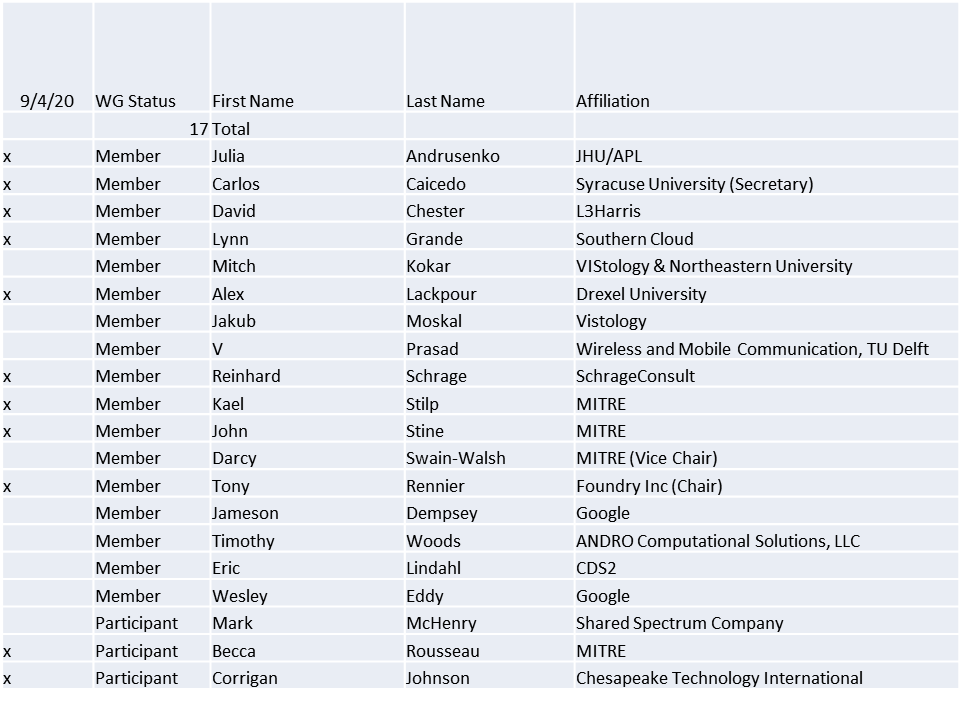
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| --- | --- | --- |
| an Working Group | **IEEE DYSPAN-SC 1900.5** |  |
| Title | ***Meeting minutes 0248 for the P1900.5 Meetings of – September 4, 2020*** |  |
| DCN | ***5-20-0031-00-mins*** |  |
| Date Submitted | ***10/1/2020*** |  |
| Source(s) | ***Carlos***  ***Caicedo (Syracuse University)***  ***email:*** [***ccaicedo@syr.edu***](mailto:ccaicedo@syr.edu) |  |
|  |  |  |
| Abstract | ***Minutes for the IEEE 1900.5 meetings held on September 4, 2020*** |  |
|  |  |  |
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**>.**

**1. Administrivia**

**1.a Roll Call**



Quorum was achieved

**1.b. Approval of Agenda**

Approval of Agenda from 5-20-0029-00

* Mover: Reinhard

Second: Lynn

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 7/21-23/2020 WG meeting minutes contained in Doc #: 5-20-0028-00-mins

* Mover: Reinhard

Second: Carlos

Vote: UC

**2. Status on 1900.5a**

* Looking at overlap with 1900.4
  + Investigate moving .4 into .5
* Very productive ad-hocs
  + Several contributions (Loon and Andro)
  + Explore hierarchical policy structure (radio/node, network levels, regulatory)
  + Use Cases under study - CBRS, Tactical, Loon global mobile network
* Need to clear up meeting schedule

**3. Status of 1900.5.1**

* CRG submitted sponsor ballot response to WG
* WG approved sponsor ballot response by email ballot
  + Voting occurred 7/29/20 until 8/13/20
  + 17 members, 14 approve, 3 no response
  + 14/17 = 82.35% > 66% required
* Sponsor ballot recirculation began 8/28/20
* Schedule
  + Sponsor Recirc - 8/20 √
  + Sponsor Recirc 2 - 9/20 – if needed
  + Submit to REVCOM – NLT 13 Oct 2020

**4. Status on 1900.5.2a**

* Ad-hoc after meeting to discuss additional changes

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

* Updates from 8/24/20 meeting
  + 1900.1 WG (Alex reports)
    - Alex forwarded a 1900.5a contribution from Dave Chester on theory of operation of cognitive and Intelligent radio networks to 1900.1 participants for consideration of inclusion.
    - Meeting planned for 9/10/20 1200 EDT
  + 1900.2 WG (Sent apologies)
    - Tony reports that it is possible that NIST will have a contribution when the WG resumes activity.
  + Restarting 1900.4 WG
    - Oliver will finalize the adaptation of 1900.4 WG as an individual-based WG vs. entity-based
    - Current chair/members wants to transition to new participants.
  + 1900.6 WG (Oliver reports)
    - 1900.6b: Continued resolution of comments
* Machine Learning standardization Study Group
  + Met three times, next meeting is scheduled for Sept 14th, 14:00 UTC
  + Selected a SG Secretary: Immanuel Freedman
  + Created iMeet workspace and reflector mailing list
  + Status:
    - Identified a high value use case for incumbent radar detection required for the CBRS band’s Environmental Sensing Capability (ESC).
      * Jesse Caulfield is motivated in standardizing the use of ML for this use case to reduce his company’s operating costs through commodification of ML technology.
    - Reviewing ITU’s recently completed focus group of applying ML to IMT2020 networks and beyond.
      * ITU developed a reference architecture for automating the creation and management of ML pipelines within 5G networks based on operator’s “ML intent”.
      * Next, get participation from other stake holders for applying ML to the CBRS band use case (specifically NIST and other ESC developers)
      * We also want to explore the viability of adding a second use case that includes a Reinforcement Learning agent for making control decisions within the cognitive controller of a DSA radio network.
  + Recommendation – review the IEEE’s 5 Criteria for feasibility

**6. 1900.5 marketing inputs**

* N/A

**7. 1900.5 meeting planning and review**

* 10/2/20 1900.5 WG 14:30 -16:00 EDT