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| an Working Group | **IEEE DYSPAN-SC 1900.5** |
| Title | ***Meeting minutes 0218 for P1900.5 Monthly Meetings – January 9 to 10, 2018*** |
| DCN | ***5-18-0005-00-mins*** |
| Date Submitted | ***2/5/2018*** |
| Source(s) | ***Carlos***  ***Caicedo (Syracuse University)*** ***email:*** ***ccaicedo@syr.edu*** |
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| Abstract | ***Minutes for IEEE 1900.5 meetings held on Jan 9 to 10, 2018 in Melbourne, FL*** |
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**>.**

**January 9/2018 - Minutes**

**1. Administrivia**

**1.a Roll Call**

Meeting starts at 2:35 p.m. EDT. The participants identified in table 1 were noted.



**1.b. Approval of Agenda**

Motion to approve Agenda from 5-18-0001-00

Adopted by unanimous consent

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

Patent related slides were presented, no issues came forward

**1.d. Approval of recent minutes**

Motion to approve WG minutes contained in 5-18-0002-00

Mover: Carlos

Second: John

Approved by unanimous consent

**2. Status on 1900.5.1**

Document moving forward. Working on “negation” support

Working schedule updated – Aiming for WG Ballot in February /18, end date for submission to REVCOM will be March/19

**3. Status of 1900.5.2**

1900.5.2 base standard has been approved in December by Revcom

PAR to add schema to 1900.5.2

* Vote for WG approval on this new PAR was presented as:
	+ Motion to empower 1900.5 Chair to complete all processes required to start a new 1900.5.2a project based on the material on slides 17-20 of this presentation ?
* Moved: John
* 2nd: Tony
* Vote results: Approve: 10 Against: 0 Abstain 0

**4. Review of other 1900 activities (1900.1, Leadership meeting etc)**

Leadership meetings

* Had leadership meetings in December
* GoTo Meeting issues being worked

Is it time to revisit the 1900.5 Architecture?

* Ad Hoc discussions? Discuss Ad Hoc at end of meeting – Mat has action to organize architecture ad hoc
	+ Previous ad-hoc was conducted on Dec 19/2017
* Matt is working on PAR to revise 1900.5

**5. 1900.5 marketing inputs**

* NSC – Status
	+ 1900.5.2 will potentially be used or referred to by a few projects
* 1900.5 papers in process
	+ A paper from Mitch has been published
	+ Carlos & group 1900.5.2 paper has been approved for publication in IEEE Standards Communication Magazine
* FCC activities
	+ More than 250 sets of comments have been sent to the NOI to which 1900.5 had also sent comments
	+ Waiting for FCC reply to see if response necessary

**6. 1900.5 meeting planning and review**

* Social gathering for 1/9/18
	+ Reservation for 10 at 6 PM at Bonefish Willy’s
* 06 February 2018 WG Electronic Meeting
	+ 1900.5.1 Ad Hoc to immediately follow the meeting
* Meeting Platform
	+ WebEx for now
* Architecture Ad Hoc at end Feb 6 meeting
* DySPAN Plenary last week of March
	+ All virtual
	+ Mat Sherman hosting – GoToMeeting rather than WebEx

Meeting ends at 3:27 P.M. EDT. A demo on an updated version of the Spectrum Consumption Model Builder and Analysis Tool (SCMBAT), presented by Carlos follows along with an Ad-hoc meeting for discussion the 1900.5 Architecture.

**January 9 – Minutes – 1900.5. Architecture Ad-hoc meeting**

* Check definitions in 1900.5 for consistence with 1900.1
* Should be updated to address cognitive radio “network”?
* Support for hierarchical policy architecture
* SCM should be a primitive of the 1900.5 policy language – requirement?
* Support for adaptive (state machine) systems rather than reasoner
* Page 18 of 1900.5- req 6.1.1.2. Clarify this is just for human readable comments, and not the current formal definition of annotations in OWL
* 1900.5-2011 6.1.1.6 Clarify not doing “temporal semantics” but rather have the ability to describe temporal system behavior
* 6.1.1.8 Clarify that “functions” means binary relations. Also “temporal” here overlaps with 6.1.1.6
* 6.1.1.14 is this the same as 6.1.1.12?
* 6.1.2.2 table 1 – Change route to trajectory or similar to avoid confusion with ‘network’ route.
* Should we address system performance as well as spectrum with 1900.5 policy?
	+ No Consensus
	+ Summarize for and against arguments next ad hoc
* Expansion to support 1900.5.2?

**January 10 – Minutes – 1900.5.1 Ad-hoc meeting**

* Reviewed draft
* Discussions on definition of policy, rules etc
	+ No clear consensus, left everything as is
* Reviewed requirements in 1900.5-2011
	+ Decided 6.1.1.10i should be deferred to later version of 1900.5.1
	+ Decided 6.1.1.10k should be deferred to later version of 1900.5.1
	+ Policies that require or prohibit spectrum uses that are within the bounds or constraints of an SCM should be included in current 1900.5.1
	+ 6.1.2 full compliance deferred to future version in light of 6.1.1.10 exceptions