IEEE P802.11
Wireless LANs

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| Minutes of IEEE 802 JTC1 Standing Committeein Vancouver, Canadain Mar 2017 |
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Abstract

Minutes of IEEE 802 JTC1 Standing Commitee sessions at the IEEE 802 wireless plenary session in Vancouver, Canada in March 2017

# Minutes of Meeting on Tue, 14 March 2017

### Convened

* The chair, Andrew Myles (Cisco), convened the meeting at 1:31 p.m. on Tuesday, 14 March 2017

### Agenda

* The SC agenda is found in 11-17/0252r07
* The agenda was accepted without modification

### Minutes

* The minutes (11-17/0251r00) from the Atlanta meeting were approved unanimously.

###  Drafts

* At this point, all IEEE 802 working groups but IEEE 802.16 have liaised drafts under the PSDO to JTC 1/SC 6.

### Approvals

* To date, 22 IEEE 802 specifications have been ratified under the PSDO – no change from the last number reported in January.

### 802.1 PSDO status

* IEEE 802.1 has 13 standards in the PSDO pipeline.
	+ IEEE 802.1Qbv-2015, IEEE 802.1AB-2016, IEEE 802.1Qca-2015, IEEE 802.1Qcd-2015 will close their FDIS ballots in April
	+ IEEE 802.1Qbu and IEEE 802.1Qbz closed their 60-day pre-ballots in February
	+ IEEE 802.1Q’s first corrigenda closes its own unique ballot on March 16th.
* IEEE 802.1 has prepared draft comment responses for the comments received on the IEEE 802.1Qbu and IEEE 802.1Qbz pre-ballots
	+ Essentially, the comments received were the usual ones from the China National Body indicating their concern over references to IEEE 802.1X-2013.
	+ The China National Body continues to assert that there are unaddressed flaws in IEEE 802.1X that therefore taint any specification that relies upon IEEE 802.1X.
	+ This time, IEEE 802.1’s comment responses are more detailed than those previously sent, since previous responses to these type of comments have not resulted in the China National Body either dropping them or modifying their tenor.
	+ The comment responses will be approved during the IEEE 802.1 plenary session on Thursday and then sent to SC 6.
* IEEE 802.1AC-Rev was published last week, so it is now ready to be submitted for its 60-day pre-ballot when Jodi Haasz (IEEE Staff) has the opportunity to initiate the pre-ballot.
* IEEE 802d and IEEE 802.1AEcg should be approved to go into pre-ballots coming out of this meeting as well.
* The IEEE 802.1 working group should approve sending the IEEE 802.1AX corrigenda for its special ballot coming out this meeting too.

### 802.3 PSDO status

* IEEE 802.3-2015 passed its FDIS ballot on March 6th
	+ The China NB voted to disapprove because IEEE 802.3 does not include any security features and they had been under the belief that IEEE 802.3 standards were never going to be submitted under the PSDO.
	+ The IEEE 802.3 working group will respond that IEEE 802.3 is security agnostic.
	+ The standard was submitted to JTC 1/SC 6 because IEEE 802.3 values their input to the IEEE 802.3 specifications.
	+ IEEE 802.3 will approve their comment responses during their closing plenary.
* IEEE 802.3bw remains awaiting start of FDIS
* IEEE 802.3bq, IEEE 802.3bq, and IEEE 802.3by closed their 60-day pre-ballots back in January, while IEEE 802.3br and IEEE 802.3bz closed their 60-day pre-ballot in February, and IEEE 802.3bn closes in April.
* IEEE 802.3bv and IEEE 802.3bu will be submitted for 60-day pre-ballots in May.
* IEEE 802.3-2015’s first corrigenda will be submitted in May, as may be the case for IEEE 802.3bs.

### 802.11 PSDO status

* IEEE 802.11mc’s and IEEE 802.11ai’s 60-day pre-ballots will closing in April.
* IEEE 802.11ah has been approved for publication and will be submitted to JTC 1/SC 6 at the point of actual publication.
* IEEE 802.11aq should have been sent for information in February, but it’s not certain that that has happened yet.

###  802.15 PSDO status

* IEEE 802.15.3-2016 and IEEE 802.15.6-2012 are waiting for their FDIS ballots to start.
* IEEE 802.15.4’s 60-day pre-ballot closes in April.
* Negative comments were received on IEEE 802.15.6’s pre-ballot.
	+ John Messenger (ADVA Optical) will look into why the UK National Body submitted a comment.
	+ During SC6’s meeting in Tunisia, WG 1 requested that IEEE 802.15.6 be ratified in parts.
	+ This appears to be impossible under the PSDO agreement, but no liaison has been received or sent concerning that request.

###  802.21 PSDO status

* JTC 1/SC 6 members claimed that they have not received IEEE 802.21 specifications for information purposes.
	+ The SC6 Secretariat finds this puzzling because those documents have been circulated.
	+ Therefore, the IEEE 802.21 working group will request that their documents be submitted for their pre-ballots.

###  802.22 PSDO status

* IEEE 802.22a and IEEE 802.22b FDIS ballots close at the end of July.
	+ Comments are expected on both documents, and will be dealt with during the September wireless interim meeting as the earliest opportunity to do so.

### SC6 meeting

* As previously noted, JTC 1/SC 6 held a meeting in Tunisia in February.
* The next meeting will be in October, to be held in Korea.

### SC6/WG1 meeting

* The February WG 1 agenda included the Low Power Wide Area Network (LPWAN) and Human Body Communications (HBC).
* A Study Group for the former was previously approved, but hasn’t seen much action, while the latter failed to pass its New Work Item Proposal (NWIP) vote.
* IEEE 802 sent a liaison to SC6 back in July 2016 on how best for the two organizations to work together.
	+ A reply was expected to this liaison, but no such reply was discussed in Tunisia or sent to IEEE 802 coming out of that meeting.
* There is now a vote for a Study Group on LPWAN for Health Care Applications.
* The Korea National Body will be resubmitting the HBC NWIP in modified form.

###  Security

* The IEEE 802 JTC1 Standing Committee had been discussing how to handle the China NB’s security-related comments.
* During the Tunisia meeting, the China NB made a presentation advocating the formation of a Security Review Ad Hoc Group to deal with their unsatisfied comments on IEEE 802 standards that are being submitted under the PSDO agreement.
* During the closing plenary of the SC 6 meeting, SC 6 gave approval for a vote on formation of the Security Ad Hoc Group.
* Andrew Myles suggested to them that it would be more productive for the China National Body and IEEE 802 security experts to get together during the IEEE 802 plenary in Vancouver.
* A formal invitation and fee waiver to a China NB representative was made, but was declined.
* A China National Body representative indicated that it would be preferable for them if such meetings took place under the aegis of an SC 6 session rather than at an IEEE 802 session.
* The vote for the establishment of the Ad Hoc Security Group (AHSG, as they term it) will close on May 15th and is expected to pass.
* All national bodies and liaison organizations (including IEEE 802) are welcome to participate in the AHSG.
* The AHSG Terms of Reference appear to be at odds with the interaction of the two organizations as defined in the PSDO.
* The scope of the AHSG would seem to allow SC 6 to amend or revise all SC 6 standards, which includes IEEE 802-submitted specifications.
* To date, it has been agreed that IEEE 802 is responsible for revisions to standards originating from IEEE 802.
* Oddly, the ToR also notes that SC 6 would be responsible for disposition of comments on security technologies.
* While SC 6 national bodies make comments on IEEE 802 specifications, it makes no sense for their disposition to be handled by the AHSG, which is a subset of SC 6.
* It is hoped that interested national bodies will vote against the AHSG proposal as currently written.
* While it would not be appropriate for IEEE 802 to comment on the vote over the AHSG (that being the purview of the national bodies), it would make sense for IEEE 802 to send a liaison statement that covers our thoughts on how the China National Body’s concerns should be addressed.
* A proposed liaison statement (11-17/0391r01) was displayed to the Standing Committee, which started to revise it.
* A slightly modified version (11-17/0391r02) was uploaded to allow the committee members to provide input to be incorporated prior to the Thursday time slot.

###  Recess

* The meeting was recessed at 3:24 p.m.

#  Minutes of Meeting on Tue, 14 March 2017

### Reconvene

* The chair reconvened the meeting at 1:34 p.m.

### Agenda

* The standing committee will review the liaison statement to be sent to SC 6 regarding the proposed security ad hoc (11-17/0391r04).

### LS review

* Andrew Myles led the review of the current revision of the liaison statement.
* That review clarified that it did not appear necessary to re-assert the informal agreement between the two organizations that grants IEEE 802 the maintenance and revision responsibilities for specifications originating with IEEE 802.
* It also emphasized that the liaison statement is about an issue that primarily exists between IEEE 802 and the China NB, and not between IEEE 802 and SC 6.
* The group made minor editorial changes to the statement. A motion requesting the IEEE 802 Executive Committee approve sending the updated liaison statement (11-17/0391r05) to SC 6 was made by Dan Harkins and seconded by Paul Nikolich.
* The motion was approved on a 5/0/0 vote.
* Andrew Myles will bring the motion to the IEEE 802 Executive Committee (EC) on Friday.

### WAPI

* It appears that WAPI is once again being promoted on the WAPI Alliance website.
* For reasons that are not exactly clear, they have projects to specify WAPI for IEEE 802.11ac and IEEE 802.11ad.
* It’s not clear how this aligns with the work being done in SC 6, but it may very well be related to a general policy of the Chinese government to foster homegrown (security) technologies.

###  Remote participation

* SC 6 has not responded to IEEE 802’s previous liaison about how IEEE 802 can best participate remotely in SC 6 meetings.
* The JTC1 SC chair has sent a message to the SC 6 chair inquiring where things stand.

###  Adjourn

* The meeting was adjourned at 2:08 p.m.