IEEE P802.11  
Wireless LANs

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| Minutes of IEEE 802 JTC1 Standing Committee in Atlanta, USA in Jan 2017 | | |
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Abstract

Minutes of IEEE 802 JTC1 Standing Commitee sessions at the IEEE 802 wireless interim session in Atlanta, USA in January 2017

# Minutes of Meeting on Tue, 17 January 2017

### Convened

* The meeting was convened at 1:32 p.m. by Chair Andrew Myles (Cisco).

### Agenda

* The SC agenda is found in 11-16/1592r03
* The agenda was accepted without modification

### Minutes

* The minutes (11-16/1583r00) from the San Antonio meeting were approved unanimously.

### Goals

* The goals of the Standing Committee remain unchanged and are summarized on slide 12 of the agenda.

### Corrigenda

* A process to handle IEEE 802 corrigenda was agreed between the IEEE-Standards Association and ISO at the end of last year
* Essentially, a single, 90-day ballot will be used to approve IEEE corrigenda in JTC1/SC6, which is similar to what is done with their own corrigenda.

### PSDO status

* Twenty-two standards have been ratified under the PSDO agreement between IEEE 802 and ISO/IEC JTC1/SC6
* This represents no change since the last meeting.

### 802.1 status

* IEEE 802.1 will see four 5-month FDIS ballots close in mid-April, covering IEEE 802.1Qbv-2015, IEEE 802.1AB-2016, IEEE 802.1Qca-2015, and IEEE 802.1Qcd-2015.
* The IEEE 802.1Q corrigenda will complete its ratification ballot in May
* Quite a few other drafts have been submitted for informational purposes prior to officially being submitted for ratification, including IEEE 802.1AEcg and IEEE 802.1Qch.

### 802.3 status

* IEEE 802.3-2015 will complete its 5-month FDIS ballot at the beginning of March, while IEEE 802.3bw is still awaiting the start of its FDIS ballot
* IEEE 802.3bp has just completed its 60-day pre-ballot, receiving one ‘no’ vote from the China NB that noted that the specification does not cover security.
  + IEEE 802.3 is expected to push back on that comment noting that IEEE 802.3 is intentionally security agnostic, with IEEE 802.1 specifications frequently used to provide security services but not mandated.
* The China NB also asked that IEEE 802.3 explain why they had now made the decision to submit their specifications to JTC1/SC6 for ratification when they had previously declined to do so.
  + IEEE 802.3 gave their reasons for changing their minds in 6N16458, but apparently the reasons given were not sufficiently convincing to the China NB and they would like a better explanation.

### 802.11 status

* Peter Yee will make the motion to the IEEE 802.11 Working Group on slide 66 to advance three IEEE 802.11 specifications into the PSDO process, upon their publications.
* Of the three, IEEE 802.11-2016 and IEEE 802.11ai have both been published and IEEE 802.11ah should be published in the near future.
* Yee will also make a motion to liaise the latest draft of IEEE 802.11aq for information purposes.

### 802.15 status

* IEEE 802.15 has received a response to liaison of IEEE 802.15.3-2016.
  + James Gilb was assigned the action within the IEEE 802.15 WG to generate a response, but it’s not apparent that it has been sent out.
* IEEE 802.15.4-2015 was sent informationally last year and should now be ready for its pre-ballot, but that doesn’t seem to have been initiated yet.
* IEEE 802.15.6 received negative votes from Germany, the UK, and Japan, all relating to interference avoidance.
  + Peter Yee has the action to check with Bob Heile when these items will be handled.

### 802.21 status

* IEEE 802.21-rev was liaised for informational purposes in November, so it should be all right to initiate the 60-day pre-ballot, but the actual process will probably start in February after the upcoming SC6 meeting in Tunisia – approval has already been received from the IEEE 802 EC to submit the specification for its pre-ballot.
* IEEE 802.21.1 will be handled in the same manner.
* Based on how things usually run, the FDIS ballot could be started in June, with comments received and processed in November.

### 802.22 status

* Neither IEEE 802.22a nor IEEE 802.22b has started FDIS balloting.
* Peter Yee will check with Jodi Haasz (IEEE Staff) to determine when they will be submitted for balloting.

### Security

* There was a discussion in November about the corrosive effect of the China NB’s continued and unsubstantiated security comments concerning IEEE 802 standards.
* Generally, the Chinese vote against any specification that references IEEE 802.1X, claiming that it is insecure.
* Several suggestions for action were given including inviting the China NB to air their IEEE 802.1 concerns at an IEEE 802 meeting and writing directly to SC6 to air such an invitation more broadly.
* It’s not clear that making contact with the China NB or SC6 regarding our concerns with this matter will have any effect.

### Abstain trend

* There was also a discussion of the increasing trend of member national bodies to abstain on ratification of IEEE 802 standards.
* Jodi Haasz (IEEE Staff) recommends that we not contact abstaining national bodies to inquire whether they could tell us what is leading to their abstentions.
* She notes that the trend the IEEE 802 JTC1 SC has seen has been observed across all IEEE standards and may be a reflection of a lack of time, interest, or expertise to handle the increasing stream of standards that are being submitted for ratification.
* Andrew Myles has generated a rough draft that could be sent to the national bodies if we did decide to reach out to them.
* The JTC1 SC will wait for feedback on this initial draft from Jodi and not consider it further until the March meeting.

### SC6 plenary

* The next face-to-face JTC1/SC6 meeting will take place February 6-10.
* The closing plenary will be accessible online via WebEx. (See slide 103.)
* Any IEEE 802 participant in the closing plenary will not be able to vote; the WebEx will be operated in listen-only mode.
* Glenn Parsons will dial into the plenary as a Canadian National Body representative and will report back on anything he learns that is relevant to IEEE 802.
* WG1 (which generally covers LAN specifications) will be discussing Low Power WANs (no actual activity regarding this topic has been noted to date), Power Line Communications, and Human Body Communications (which was not approved as a New Work Project during the previous meeting in Xi’an, but was resubmitted by the South Korea National Body).
* WG7 hasn’t published minutes for its last two meetings, but it will apparently be discussing “Convergence Services for Interworking of Heterogeneous Networks”.
* China Telecom has submitted a proposal for using CAPWAP as part of a protocol that distributes Access Points (APs) among cloud Access Controllers (ACs).

### IEEE 802 status

* As part of IEEE 802’s agreement with SC6, each IEEE 802 working group is to provide a status update.
* Their respective chairs have provided status updates for IEEE 802.1, IEEE 802.3, IEEE 802.11, IEEE 802.15, IEEE 802.21, and IEEE 802.22.
* Peter Yee will package these status reports, convert them to PDF, and send them to Jooran Lee of the JTC1/SC6 Secretariat.

### Adjorn

* The meeting was adjourned at 2:36 p.m.

### Post meeting notes

* Based on information Peter Yee obtained from Bob Heile during the IEEE 802.15 AC meeting on Wednesday, the following is known:
* James Gilb generated the IEEE 802.15.3-2016 response, but Bob Heile needs to reformat it and hopes to send it out sometime during the week.
* As for sending IEEE 802.15.4-2015 for PSDO ratification, Heile had been waiting for (an apparently unrequired) 60 days from informational submission prior to requesting an actual ballot.
* He will now ask Jodi Haasz to initiate the formal process.
* And Ben Rolfe has been tasked with responding to the comments received on IEEE 802.15.6;
* Heile will request permission from the IEEE 802 EC during its 1st Tuesday in February conference call to send the responses to JTC1/SC6..