IEEE P802.11
Wireless LANs

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| Minutes of IEEE 802 JTC1 Standing Committeein Chicago, USAin Mar 2018 |
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Abstract

Minutes of IEEE 802 JTC1 Standing Commitee sessions at the IEEE 802 wireless plenary session in Chicago, USA in Mar 2018

# Minutes of Meeting on Tue, 6 Mar 2018

### Order

* The SC Chair, Andrew Myles, convened the meeting at 1:30 p.m.

### Agenda

* The SC agenda is found in 11-18/0279r07.
* The agenda was accepted without modification.

### Minutes

* The minutes (11-18/0320r00) from the Irvine meeting were approved unanimously.

### 802.1

* Since the January meeting, IEEE 802.1 has seen IEEE 802.1CB, IEEE 802.1Qch, and IEEE 802c pass their 60-day pre-ballots.
* IEEE 802.1AC-Rev completed its FDIS (Final Draft International Standard) ballot on March 5th (status of that ballot is not yet available), while IEEE 802d will close its FDIS ballot on the 14th.
* IEEE 802.1Qcd passed its FDIS ballot in December and word has been received that it has now been published as an ISO/IEC standard.
* FDIS ballot starts for IEEE 802.1AEcg, IEEE 802.1CB, and IEEE 802.1Qch are awaiting action in JTC 1/SC 6.
* IEEE 802.1Qci and IEEE 802c need to have comments resolved by IEEE 802.1 before they can be sent on for FDIS ballots.
* IEEE 802c received extensive comments from the US National Body (NB) of a highly architectural nature.
* The China NB also sent in a comment about preferring to use OIDs as identifiers.
* The US comments essentially dismisses the whole concept of IEEE 802 addressing, with a new Universal MAC address replacing it.
* The SC wordsmithed a response to the comments that was initially generated by Roger Marks (EthAirNet Associates).
* IEEE 802.1AX-Cor remains awaiting publication; Jodi Haasz (IEEE Staff) is checking on what the holdup is.
* Glenn Parsons (Ericsson) has an action item to verify whether IEEE 802.1AR-Rev has been liaised to JTC 1/SC 6 for information. If that hasn’t been done, he will need to send the latest draft to them.
* Parsons will also send IEEE 802.1CM for information since it has just recently gone out for sponsor ballot.
* IEEE 802.1cy will probably be approved for liaising coming out of the current meeting.

### 802.3

* IEEE 802.3bs and IEEE 802.3cc are in the midst of 60-day pre-ballots that close in mid-April.
* IEEE 802.3bv, IEEE 803.3bu, and IEEE 802.3bn are all awaiting the start of the FDIS ballots, with Jodi Haasz to check on their statuses.
* IEEE 802.3/Cor 1 FDIS passed back in November, but we have not received official ballot results and the specification has not yet been published by ISO/IEC.
* IEEE 802.3cd, IEEE 802.3-rev (the rollup version of IEEE 802.3 incorporating the previously approved amendments), and IEEE 802.3bt were all liaised for information in February.

### 802.11

* In the IEEE 802.11 world, IEEE 802.11mc (IEEE 802.11-2016) remains in its 5-month FDIS ballot until mid-April.
* IEEE 802.11ah and IEEE 802.11ai are awaiting the start of their FDIS ballots; they are on hold until IEEE 802.11-2016 is approved.

### 802.15

* Andrew Myles will check with Bob Heile (Wi-SUN Alliance) and Dr. “Trainwreck” Gilb (Gilb Consulting) regarding comment resolution on IEEE 802.15.6.
* There aren’t currently any IEEE 802.15.6 participants attending IEEE 802 meetings, so Heile and Gilb have the responsibility to figure out a plan to produce comment responses.

### 802.21

* IEEE 802.21-2017 passed its FDIS ballot at the end of February.
* The China NB submitted a commented “No” vote.
* IEEE 802.21 has drawn up a response document that will be sent back.
* The SC discussed the responses and Subir Das (Vencore Labs and IEEE 802.21 chair) will take the discussion back his working group.
* Das will seek approval this week to send 802.21-2017-Cor1 for a 60-day pre-ballot once IEEE 802.21-2017 has been approved.

### 802.22

* IEEE 802.22b has been published without its comments having been resolved.

### Withdrawing standards

* Andrew Myles has checked on the status of the ancient ISO/IEC TR 8802-1:2001 specification.
	+ It appears to be in need of withdrawal.
	+ Myles will discuss making a request to the EC on Friday asking them to request that SC 6 withdraw the standard.
* Myles also checked on the status of ISO/IEC 15802-1:1995 is in a similar boat.
* ISO/IEC 15802-3:1998 could be pulled as well, given how old it is.
* IEEE 8802-5 could likewise be withdrawn since the standard is no longer current in IEEE 802.

### SC6 meeting

* The next SC 6 meeting is in late August in Tokyo, JP.
	+ It would be good to have an IEEE 802 representative there, particularly to keep on top of the action of the Ad Hoc Group on Security (AHGS).

### AHGS

* The AHGS is supposed to complete a report identifying security issues in SC 6 standards by the August meeting.
* The AHGS has not yet had a teleconference but has been doing some work on reviewing standards via email.
* A review of ISO/IEC 8802-11 was completed that pointed out at the KRACK implementation flaw that has already been discussed in IEEE 802.11.
	+ Dan Harkins responded on the AHGS mailing list explaining the status of KRACK-related updates in IEEE 802.11.
* Another review indicated that a lack of cipher negotiation is a potential source of vulnerability regarding IEEE 802.15.3 and IEEE 802.22.
	+ Zhenhai Huang (IWNCOMM) gave suggested text to be added to SC 6 standards that use cipher algorithms that note that the specification may need to conform to nationally and regional law governing the use of algorithms.
	+ Certainly, algorithm agility is a worthwhile goal and some IEEE 802 standards are being updated to be more flexible.
	+ While IEEE 802 specifications generally support cryptographic agility (including negotiating a default cipher suite), it does not specify national ciphers.
* A US NB expert (John Day) submitted a general comment about that, which might be summarized as emphasizing security at the application layer rather than anywhere else in the network stack.

### Adjourned

* The meeting was adjourned at 3:23 p.m.