IEEE P802.11  
Wireless LANs

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| Telecon Minutes - AANI SC – November 2020 | | | | |
| Date: 2020-11-07 | | | | |
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Abstract

This document contains the minutes of the IEEE 802.11 AANI SC teleconference held during 802 plenary week, November 2020. Some minor edits were provided by the AANI SC Chair.

Note: Highlighted text are action items.

Q- proceeds a question asked at the meeting

A- proceeds an answer given by the presenter

C- proceeds a comment

# Tuesday 3 November 2020, 11:15 hrs EDT:

**Chair: Joseph Levy, Interdigital**

**Acting Secretary: Harry Wang, Tencent**

**1. The teleconference was called to order by Chair 11:17 hrs. EDT,**

Harry Wang (Tencent) volunteered to be acting secretary.

Agenda slide deck (11-20/1602r2):

<https://mentor.ieee.org/802.11/dcn/20/11-20-1602-02-AANI-aani-sc-teleconference-agenda-november-2020-plenary.pptx>

**2. The Chair reminded everyone to sign attendance.**

See attendance list at the bottom of this document.

**3. Approval of the Agenda:**

The Chair reviewed the agenda. And the group discussed the restriction on motions due to the inconvenient meeting hours for some regions. The following straw poll was conducted and passed.

[Straw Poll]

**Do you support restricting Motions on the Technical report to the Wednesday 4 November meeting?**

Results: Y: 15 N: 5 A: 21 DNV: 30 **SP passes**

The Chair amend the agenda accordingly, and the final agenda was approved without objection.

**4. Policies and procedures were presented by the chair.**

**5. Approval of minutes**

Minutes from previous AANI SC conference calls on 1 Oct, 8 Oct, 13 Oct, 20 Oct, and 27 Oct are approved by unanimous consent.

**6.** **Status on the proposal on interworking:**

Chair reviewed the progress and status of the report and proposal. The latest version of the document [11-20/0013r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0013-05-AANI-draft-technical-report-on-interworking-between-3gpp-5g-network-wlan.pdf) was released to the working group for a 20 day comment collection. Comment resolution started on 25 August 2020, and 104 of 111 comments were assigned. The comment database is under updating and details are provided in document [11-20/1262r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1262-04-AANI-cc32-aani-report-comments.xlsx). A separate contribution [11-20/1356r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1356-00-AANI-proposed-comment-resolution-for-cid-10-11-12-105-on-comment-collection-sheet-11-20-1262r2.docx) was submitted for addressing CID 10,11,12,105. The original editable figures are in document [11-20/1645r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1645-00-AANI-the-original-figures-in-the-draft-technical-report-on-interworking-between-3gpp-5g-network-and-wlan.pptx).

New draft [11-20/0013r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0013-07-AANI-draft-technical-report-on-interworking-between-3gpp-5g-network-wlan.docx) has been updated to incorporate proposed changes from Harry. And original figures are updated accordingly in [11-20/1645r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1645-01-AANI-the-original-figures-in-the-draft-technical-report-on-interworking-between-3gpp-5g-network-and-wlan.pptx).

**7.** **Comment Resolution:**

Hyun Seo Oh walked through the updated report [11-20/0013r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0013-07-AANI-draft-technical-report-on-interworking-between-3gpp-5g-network-wlan.docx) with the group.

C – It is suggested to check the use of ‘Terminal’ and make sure the wording match the figure.

[Straw Poll]

**No Straw Polls.**

**8.** **Review future schedule**

Chair – It is possible that no further sessions are needed after the Wednesday session.

**9.** **Recessed: 12:10 hrs. EDT**

# Wednesday 4 November 2020, 19:00 hrs EDT:

Chair: Joseph Levy, Interdigital

Acting Secretary: Mark Hamilton, Ruckus/CommScope

**1. The teleconference was called to order by Chair 19:00 hrs. EDT.**

Mark Hamilton (Ruckus/CommScope) volunteered to be acting secretary.

Agenda slide deck (11-20/1602r4):

<https://mentor.ieee.org/802.11/dcn/20/11-20-1602-04-AANI-aani-sc-teleconference-agenda-november-2020-plenary.pptx>

**2. The Chair reminded everyone to sign attendance.**

See attendance list at the bottom of this document.

**3. Approval of the Agenda:**

The Chair reviewed the agenda. And the final agenda was approved without objection.

**4. Policies and procedures were presented by the chair.**

**5. Continue discussion/straw polls/motions on the Technical Report**

Reviewed status (agenda deck slides 11-13). Chair: We need to resolve all comments received on the report. Many comments have proposed resolutions in the motions, to be considered next. 9 comments remain to be considered/resolved.

**Motions:**

(Note that we will use IMAT to confirm affiliation of voters on the WebEx, or, please email Chair and Sec’y if you have not provided your affiliation.)

Motion 1 was handled in the previous meeting. So, we’ll start with Motion 2.

**Motion 2: Move to approve the proposed resolutions provided in** [11-20/1550r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1550-00-AANI-proposed-comment-resolution-regarding-cid-96-104-91-19-98-8-5-10-105-11-12-in-comment-collection-sheet-11-20-1262r2.docx) **for the CIDs: 1, 8, 10, 11, 12, 19, 75, 91, 96, 98, 104, 105 as shown in 11-20-1262r5. With editorial privileges given to the AANI Chair.**

* Moved: Stuart Kerry (OK-Brit, self) Second: Hyun Seo Oh (ETRI)
* Discussion:
* Please confirm the revision number? R: The r0 is correct, those are the resolutions that passed the straw poll(s).
* Results: Y: 23 N: 0 A: 23 DNV: 31 Motion passes.

**Motion 3: Move to approve the proposed resolution of accept for the technical comments in CIDs: 2, 3, 6, 9,12, 14, 15, 16, 17, 32, 33, 34, 35, 36, 37, 38, 40, 41, 43, 44, 46, 48, 74, 76, 77, 78, 79, 82, 83, 84, 85, 86, 87, 88, 89, 90, 97, 100, 101, 103, 106, 107, 108, 109, 110, 111 as shown in 11-20-1262r5. With editorial privileges given to the AANI Chair.**

* Moved: Harry Wang (Tencent) Second: Hyun Seo Oh (ETRI)
* Discussion:
* CID 12 in the spreadsheet shows the resolution is “revised”. Correct the motion to read “**Move to approve the proposed resolution for the technical comments in CIDs: 2, 3, 6, 9,12, 14, 15, 16, 17, 32, 33, 34, 35, 36, 37, 38, 40, 41, 43, 44, 46, 48, 74, 76, 77, 78, 79, 82, 83, 84, 85, 86, 87, 88, 89, 90, 97, 100, 101, 103, 106, 107, 108, 109, 110, 111 as shown in 11-20-1262r5. With editorial privileges given to the AANI Chair.**” (That is, delete the “of accept”.) Agreed by mover and seconder.
* No further discussion.
* Results: Y: 21 N: 0 A: 23 DNV: 36 Motion passes.

**Motion 4: Move to approve the proposed resolution for the general comments in CIDs: 92, 93, and 99, as shown in 11-20-1262r5. With editorial privileges given to the AANI Chair.**

* (Edited in real-time to remove the “of accept”, as per Motion 3.)
* Moved: Stuart Kerry (OK-Brit, self) Second: Hyun Seo Oh (ETRI)
* Discussion: None.
* Results: Y: 18 N: 0 A: 16 DNV: 46 Motion passes.

**Comment Resolutions:**

No volunteers/submissions for any open CIDs.

Chair proposed resolution for CID 5 (slides 21 and 22): The comment appears to be resolved in revision 11-20/0013r7.

Chair proposed resolution for CID 7 (slides 21 and 23): Changes very similar to the request are in revision 11-20/0013r7.

**Motion 5: Move to accept resolutions on 11-20/1602r4 slides CID 5 and 7 “From 11-20/0013r7” and add them to 11-20/1262r5. With editorial privileges given to the AANI Chair.**

* Moved: Peter Ecclesine (Cisco) Second: Stuart Kerry (OK-Brit, self)
* Discussion to clean up the references in the motion. (Final edited motion shown above.)
* Results: Y: 20 N: 0 A: 13 DNV: 45 Motion passes.

CIDs 72 and 73: (Slides 24 and 25) Chair: We could do such an evaluation and add it, but we have not done that, yet. Which way should we go? C: Suggest to reject, because the comments are not relevant to the scope of this report.

**Motion 6: Move to reject CIDs 72 and 73 with reason: “Reject. These comments are not relevant within the scope of this report.” Add these resolutions to 11-20/1262r5.**

* Moved: Peter Ecclesine (Cisco) Second: Hyun Seo Oh (ETRI)
* Results: Y: 16 N: 0 A: 10 DNV: 51 Motion passes.

CID 69: Slide 26. Chair: No proposal for a response to this comment. This comment may require detailed technical review to determine if changes are needed, or if the comment should be rejected if no changes are needed.

C: Can we contact the commenter, and get a suggestion on how to resolve this? Chair: A redline was presented, as well as an alternate report. C: The material that has been presented was not resolving this comment directly. The alternate report was completely different. Leave this one still open, for further consideration.

CID 71: Slide 27. CIDs 68, 70 and 80 (slide 28) are similar. Chair: I believe the separate submission mentioned in CID 70 has been submitted. C: For CID 70, something like, “The group reviewed the alternate report submitted, and chose not to accept that report.”

C: Note that this is a comment collection, not a formal ballot. We don’t necessarily have to resolve every comment to the same level we would on a letter ballot. Chair: Agreed, but we are trying to maintain that formality, if we can.

C: We have reviewed the submissions provided and elected not to accept it. So, we need to provide an explanation that we’ve done that and reject these.

C: Either it is worth doing the analysis, and maybe we will learn something, or we should drop this. C: This report is meant to be an 802.11 opinion and may not agree with other experts’ opinions. C: But we don’t want to make our opinions based on incorrect facts. C: As we’ve seen in other fora where 3GPP and WLAN are discussed, there is often such disagreements. Also, we need to be clear about what is in our specification, versus what is in products in the market, which may not match. Other groups like WBA may be looking at products in the market. C: WBA also has a “full stack” view, and not just MAC/PHY. C: The comments did not point out any specific technical errors.

Chair: We probably do not want to just dismiss these comments. These are serious concerns.

C: We could reject these, with reference to the motion(s) we took at the time the alternate materials were presented.

Chair: We can consider these 5 remaining CIDs again on Thursday or Monday. Those meeting slots are not very easy for Asia members to attend, however. Maybe we should discuss these remaining CIDs on a future telecon. We have telecons scheduled on Tuesdays through January, and we could take formal action in January. Is that acceptable to the group? Discussion. No objection.

**Call for contributions**

Chair: Call for contributions with proposed resolutions to these remaining CIDs, or any submissions with suggestions to improve the report.

**6. AoB:**

AoB for this week? None.

Reminder that the report is on Mentor, for anyone who wants to catch up on this topic. Please provide any material (preferably, specific text) to improve the quality of the report.

**7. Adjourned, at 21:00 ET. (Meeting slots on Thursday and Monday are cancelled.)**