IEEE P802.11  
Wireless LANs

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| WLAN Sensing SG – December 2019 and January 2020 Teleconference Meeting Minutes | | | | |
| Date: 2020-01-08 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the meeting minutes of the IEEE 802.11 Study Group on WLAN Sensing (SENS SG) teleconferences held in December 2019 and January 2020.

**Teleconference on December 04, 2019**

1. The IEEE 802.11 SENS SG teleconference was called to order at 10:00am ET by the Chair (Tony Xiao Han, Huawei).
   1. Attendance log can be found in Appendix 1.
2. The agenda for the meeting can be found in IEEE 802.11-19/2110r0.
3. The Chair appointed Claudio da Silva (Intel) to serve as the SG’s secretary. No objections were raised.
4. Guidelines on “Meeting Protocol, Attendance, Voting & Document Status” (slide 4) were reviewed. No items noted.
5. Patent policy guidelines (slides 6-9) were reviewed. No items noted.
6. Guidelines on the IEEE Codes of Ethics & Conduct, "individual process," and "fair & equitable consideration" (slides 10-12) were reviewed. Required notices (slide 13) were also reviewed. No items noted.
7. The proposed agenda (slide 14) was reviewed and approved without objection.
8. Chair reviewed the goal of SENS SG and called for contributions (slide 15).
9. Two presentations were made:
   1. Presentation by Claudio da Silva (Intel), 802.11 SENS SG Proposed PAR, Doc. IEEE 11-19/2103r0.
      1. Editorial and formatting suggestions on 5.2.b (e.g., move compatibility statement to end), suggestions on 5.5 text (e.g., delete statement on research, focus on market needs), discussion on defining efficiency in 8.1, discussion on extending scope to include pre-HT systems and active positioning systems (suggestion of technical contribution was given), discussion on outdoor WLAN sensing applications.
   2. Presentation by Tony Xiao Han (Huawei), SENS SG proposed CSD, Doc. IEEE 11-19/2105r0.
      1. After revieweing the document, presenter asked for contributions to the CSD. Goal of the document is to serve as a template, and group members are encouraged to contribute to its development.
10. Meeting adjourned at 11:04am ET.

**Teleconference on December 18, 2019**

1. The IEEE 802.11 SENS SG teleconference was called to order at 10:00am ET by the Chair (Tony Xiao Han, Huawei).
   1. Attendance log can be found in Appendix 2.

2. The agenda for the meeting can be found in IEEE 802.11-19/2110r1.

3. Guidelines on “Meeting Protocol, Attendance, Voting & Document Status” (slide 4) were reviewed. No items noted.

4. Patent policy guidelines (slides 6-9) were reviewed. No items noted.

5. Guidelines on the IEEE Codes of Ethics & Conduct, "individual process," and "fair & equitable consideration" (slides 10-12) were reviewed. Required notices (slide 13) were also reviewed. No items noted.

6. The proposed agenda (slide 16) was reviewed and approved without objection.

7. Chair reviewed the goal of SENS SG and called for contributions (slide 15).

8. Presentation by Claudio da Silva (Intel), 802.11 SENS SG Proposed PAR, Doc. IEEE 11-19/2103r2.

* 1. Discussion on the definition of backward compatibility and coexistence; discussion on the need to remove PHY modifications from the presented document; clarification on the scope of the PAR (it does not include the standardization of WLAN sensing algorithms).

9. Meeting adjourned at 11:30am ET.

**Teleconference on January 8, 2020**

1. The IEEE 802.11 SENS SG teleconference was called to order at 10:00am ET by the Chair (Tony Xiao Han, Huawei).
   1. Attendance log can be found in Appendix 3.

2. The agenda for the meeting can be found in IEEE 802.11-19/2110r3.

3. Guidelines on “Meeting Protocol, Attendance, Voting & Document Status” (slide 4) were reviewed. No items noted.

4. Patent policy and other guidelines (slides 6-9) were reviewed. No items noted.

5. Guidelines on the IEEE Codes of Ethics & Conduct, "individual process," and "fair & equitable consideration" (slides 10-12) were reviewed. Required notices (slide 13) were also reviewed. No items noted.

6. The proposed agenda (slide 18) was reviewed and approved without objection.

7. Chair reviewed the goal of SENS SG and called for contributions (slide 19).

8. Chair conducted a discussion on the timeline of the SG conclusion (PAR and CSD approval) and TG creation using the material found in slides 20 and 21.

1. Various comments were made in support of option 1. Reasons given include the progress made in the preparation of both the PAR and the CSD, and the potential negative impact to the WLAN sensing effort in having the TG only start in November 2020 (option 2). No comments were made in support of option 2.

9. Presentation by Debashis Dash (Quantenna), Comments on Sensing SG Proposed CSD, Doc. IEEE 11-20/0036r0.

1. Discussion on including the statement “…amendment shall provide backward compatibility and coexistence…” in the CSD, and adding more detail to the “distinct identity” section.
2. Changes proposed in 11-20/0036r0, together with comments received in the teleconference, will be incorporated into a proposed CSD and presented to the SG in the next meeting.

10. Meeting adjourned at 10:50am ET.

**Appendix 1: Attendance log for the December 04, 2019 teleconference**

Note: The list below was recorded from Webex and may be incomplete.

1. Tony Xiao Han (Huawei)
2. Claudio da Silva (Intel)
3. Ahmet
4. Albert Bredewoud
5. Alecs Eitan
6. Assaf Kasher
7. Behcet Sarikaya
8. Carlos C
9. Chenchen Liu (Huawei)
10. Cheng-Hui Lin
11. Chris Beg
12. Debashis Dash (Quantenna)
13. Xiandong Dong (Xiaomi)
14. Enrico Rantala (Nokia)
15. Gaurav
16. Jeongki Kim (LG)
17. Jinmin Kim
18. Jinsoo
19. L. Sun (IDCC)
20. Mark Rison (Samsung)
21. Martin Schmidhammer
22. Michel Allegue
23. nelson
24. osama
25. Oscar Au (Origin)
26. Perry Wang (MERL)
27. Rui Du
28. Sang Kim (LG)
29. Solomon Trainin (Qualcomm)
30. Yangxiang Sun
31. Yonggang Fang
32. Young Hoon Kwon (Marvell)
33. AR
34. gcalcev
35. Zhangmeihong

**Appendix 2: Attendance log for the December 18, 2019 teleconference**

Note: The list below was recorded from Webex and may be incomplete.

1. Tony Xiao Han (Huawei)
2. Claudio da Silva (Intel)
3. Abhishek Agrawal (Quantenna)
4. Assaf Kasher
5. Chris Beg
6. Debashis Dash (Quantenna)
7. Enrico Rantala (Nokia)
8. George Calcev
9. Jeongki Kim (LG)
10. Jinsoo
11. Kaiying Lu
12. karl
13. Oscar Au
14. p.nikolich@ieee.org
15. Philip Oni
16. Rui Du
17. Rui Yang (IDCC)
18. Sang Kim (LG)
19. Xiaofei
20. Yingxiang Sun
21. Yonggang Fang
22. Young Hoon Kwon (NXP)
23. AR
24. lasitaft
25. smerlin
26. zhangmeihong

**Appendix 3: Attendance log for the January 08, 2020 teleconference**

Note: The list below was recorded from Webex and may be incomplete.

1. Tony Xiao Han (Huawei)
2. Claudio da Silva (Intel)
3. Abdullah Haskou
4. Alecsander Eitan
5. AR
6. Assaf Kasher
7. Bill Carney
8. Carlos C
9. Chenchen Liu (Huawei)
10. Chris Beg
11. Debashis Dash (Quantenna)
12. Gaurav
13. gcalcev
14. Jeongki Kim (LG)
15. Jinsoo Choi
16. Josh Redmore (CableLabs)
17. L. Sun
18. Nelson Costa (Peraso)
19. Oscar Au
20. p.nikolich@ieee.org
21. Rui Du
22. Rui Yang (InterDigital)
23. Sang Kim (LGE)
24. Sun Yingxiang
25. Yonggang Fang
26. Young Hoon Kwon (NXP)
27. zhangmeihong