Exhibit 1025

IEEE P802.11
Wireless LANs

Minutes of the IEEE P802.11 Full Working Group

Date: 2008-03-17

Author(s):

Name	Company	Address	Phone	email
Stephen McCann	Nokia Siemens Networks Roke Manor	Old Salisbury Lane, Romsey, Hampshire, SO51 0ZN, UK	+44 1794 833341	stephen.mccann@roke.co.uk

Abstract

This document constitutes the tentative minutes of the IEEE 802.11 full working group for the March 2008, Orlando, Florida, USA meeting.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 1 of 37

IEEE 802.11 Plenary Meeting – Session #108
Caribe Royale Hotel, Orlando, Florida, USA
March 17th-20th, 2008

IEEE 802.11 Opening Plenary, Monday 17th March 2008

Presiding chair: Stuart J. Kerry (NXP Semiconductors) opened the meeting at 13:52 ET

Officer Affiliations (Full working group affiliations given in Appendix A)

Harry Worstell vice-chair (AT&T Labs)
Al Petrick vice-chair (Jones-Petrick and Associates)
Stephen McCann secretary (Nokia Siemens Networks GmbH & Co KG)

There are 261 voting members of IEEE 802.11:

- 33 potential
- 17 nearly
- 120 aspirants

202 people in the room

1. Approve/modify joint opening agenda (11-08-0180r1)

1.1. There is no difference between r0 and r1. r1 is the chair's working version.

1.2. Various agenda items have been postponed to Wednesday, to increase efficiency within this meeting.

1.3. The graphic has also been updated since yesterday with several meeting slot changes.

1.4. Question (Q): The 802.11 P&P has a section about the voting of chairs and vice-chairs.

1.5. Chair: I will address that issue at the appropriate point on the agenda.

1.6. Q: Can I move the TGy closing report on Wednesday

1.7. Chair: Yes, of course.

1.8. Approval of the agenda

1.9. Objection to this: Clint Chaplin

1.10. Chair: I would like to have a vote on approval the agenda

1.11. Q: Is this a debateable motion?

1.12. Chair: I've already made a ruling about not debating the objection at this time.

1.13. **Motion: Move to approve the agenda**

1.13.1. For: 105, Against: 4, Abstain: 7 (motion passes 96.3%)

1.14. Q: Who moved and seconded this motion

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 2 of 37

1.15. Chair: As it was procedural, I was able to move this motion.

2. January 2008 Minutes (11-08-0202r0)

2.1. Review and approve joint minutes from the Taipei, January 2008 meeting.

2.2. Following neither discussion nor dissent these minutes were approved by unanimous consent.

3. Attendance

3.1. The chair then asked for those attending for the first time, 15 responded out of a total of 173 people in the room.

3.2. Attendance (together with affiliations) at this meeting is shown in Annex A.

4. Financials (11-08-0331r0)

4.1. The Taipei, January 2008 meeting ran at a deficit.

4.2. No questions

5. Policies and Procedures (11-08-0333r0)

5.1. The vice-chair (Al Petrick) read out the P&Ps including the PatCom (Patent Policy) highlights slide. Please note that document 11-08-0333r0 is a new document, based on updates from January 2008.

5.2. Patent FAQ

5.2.1. Please review these slides for all current procedures and information together with:

5.2.1.1. Patent FAQ - http://standards.ieee.org/board/pat/faq.pdf

5.2.1.2. LoA Form - http://standards.ieee.org/board/pat/loa.pdf

5.2.2. No questions

5.3. The following slides were presented by the WG chair:

5.3.1. Affiliation

5.3.1.1. If you do not provide your affiliation then your rights can be withdrawn. Please see: http://standards.ieee.org/faqs/affiliationFAQ.html for further information.

5.3.2. Anti-Trust

5.3.2.1. Please note the following anti-trust statements http://standards.ieee.org/resources/antitrust-guidelines.pdf

5.3.3. Ethics

5.3.3.1. Please note the following ethics statements http://www.ieee.org/portal/cms_docs/about/CoE_poster.pdf

5.4. No questions about any of this.

6. Call for essential Patents

6.1. The chair called for essential patents and there were none.

6.2. Please note that LoA (Letter of Assurance) if provided are only against existing PARs (Project Authorization Request). A LoA for VHT SG has been received but is not applicable as this group does not have a PAR.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 3 of 37

7. Changes to the current 802 policies and procedures

7.1. Al Petrick will chair a review meeting on Tuesday evening (11-08-0336r0).
7.2. There is a proposed change to section 10.1.4

8. Interim Meetings

8.1. The upcoming interims are:

8.1.1. May 11-16th Jacksonville, Florida, USA. Note: Please book hotel.

8.1.2. September 2008, Waikoloa

8.1.3. January 2009, San Antonio

8.1.4. May 2009, Montreal

8.1.5. September 2009, Waikoloa

8.1.6. May 2010, Beijing

9. Information from IEEE 802 Opening Meeting

9.1. Draft PARS to NESCOM

Draft PARs to NesCom

- 802.1 Q revision
- 802.1 Qav modification to the PAR
- P802.1Qbb - PAR for an amendment to existing Standard 802.1Q-2005 - IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks
- P802.1 aj Extension request
- P802.1 BA AVB Systems
- P802.11aa - PAR for an amendment to existing Standard 802.11-2007 –Video Transport Streams
- Extension requests: P802.11p, 11s, 11v, 11.2 (aka 11t), 11u,
- 802.15.5 PAR extension
- 802.20.2 Standard for Conformance to IEEE 802.20 Systems – Protocol Implementation Conformance Statement(PICS)Pro-forma
- 802.20.3 Standard for Minimum Performance Characteristics of 802.20 Terminals and Base Stations
- 802.22 Extension Request

9.1.1. Al Petrick will collect comments on these, by 5pm Wednesday for the other WGs. He will post an update to the IEEE 802.11 reflector.

9.2. Tutorials

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 4 of 37

Tutorial Schedule

Monday	Tuesday
1)Visible Light Communications 6:30-8:00PM sponsor: Heile	**3) Education, Mentoring and Support update** 6:30-8:00PM sponsor: Thaler
2) New Attendance Data Gathering Tool 8:00-9:30PM sponsor: Kerry	**4) Security Signaling during Handovers** 8:00-9:30PM sponsor: Gupta

9.3. Status of Study Groups

Status of Study Groups

- WG chairs to report
  - SGs?
    - 802.1- none
    - 802.3 - none
    - 802.11 - renew video transport SG, renew very high throughput, (2nd ext)
    - 802.15 - renew RFID (1st ext request, may take 1 yr)
    - 802.16 - none
    - 802.17 - none
    - 802.18 - none
    - 802.19 - none
    - 802.20 - none
    - 802.21 - multi-radio power management conservation SG, security SG (2nd ext)
    - 802.22 - none
  - Emergency Communications—work to continue in 802.21

10. Attendance

10.1. Please check the IEEE 802.11 WG membership list which is now on the website. http://www.ieee802.org/11/Voters/votingmembers.htm

10.2. Attendance is required to obtain voting rights. Voting rights are only granted at plenaries.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 5 of 37

11. Voter membership summary

11.1. Vice-chair Harry Worstell: There are about 261 voters at the moment

11.2. The last two letter ballots (LB 122 and LB 123) are still being sorted out.

11.3. There are about 15 new voters this plenary.

11.4. Please note use the new IMAT attendance server at http://newton.events.ieee.org.

12. WG Opening Reports & Goals for the week

12.1. **Publicity & Timelines** (Stephen McCann)

12.2. Publicity required the following email from Mr. John Cox:

12.2.1.

12.2.2. **"I'm cover WLANs for "Network World" www.networkworld.com. I recently wrote a story about a "stress test" conducted on WLAN products: putting products from three vendors under heavy, sustained traffic loads from lots of simulated users. It wasn't a scientific test by any means. But it did raise some interesting questions. The story is online at http://www.networkworld.com/news/2008/020808-wlan-stress.html .**

12.2.3. **My followup story is an attempt to look more closely at those issues -- at how 802.11 behaves under high, sustained loads, due to the way the protocol was designed. I'm hoping to get an "official" perspective on this issue, and on what if any discussions are taking place in the working group about it.**

12.2.4. **My goal in this follow-up is to give our readers a realistic idea of the potential problems with the protocol under certain conditions, how likely these problems are for the typical enterprise WLAN, how they might minimize those problems, and what the long-term solution might look like.**

12.2.5. **I'm available tomorrow, Wednesday until about mid-afternoon Eastern time. I'll be on a business trip Thursday and Friday, though I might be back in time to talk late Friday afternoon (I'm in Massachusetts). Otherwise we could schedule something for next week, assuming someone is willing to talk with me. I'm also looking for Web links, resources, and additional contacts who have been involved in research on these issues.**

12.2.6. **I've been in email contact with Al Petrick about this, but I'm hoping to talk with him in his capacity as a principal at Jones-Petrick and Associates, not as vice chair for the working group. Thanks for considering this request. I'm happy to answer any questions or concerns you or others might have.**

12.3. The secretary will respond to him with an invitation to visit IEEE 802.11 and present his findings.

12.4. Please can all sub group chairs send updates to the secretary by Thursday morning

12.5. **Technical Editor (11-08-0339r1)**

12.5.1. Regarding ANA, the current database is 11-08-0227r0, although this will be updated shortly

12.5.2. No questions

12.6. **WNG SC (11-08-0345r0)**

12.6.1. T.K. Tan (GTC Semiconductor)

12.6.2. Possibly 2 presentations this week, wave enhancements and multi-hop MESH.

12.6.3. No questions

12.7. **TGk (11-08-0335r0)**

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 6 of 37

12.7.1. Richard Paine (Boeing Company)
12.7.2. Now going into 3rd re-circ Sponsor Ballot this week.
12.7.3. No questions

12.8. **TGmb**
12.8.1. 1 meeting this week.
12.8.2. There is currently 1 outstanding interpretation request, about Tx power control. This was submitted in November 2007.
12.8.3. No questions

12.9. **TGn (11-08-0310r5)**
12.9.1. Should be able to resolve all comment and prepare to go to letter ballot (LB) on D4.0
12.9.2. No questions

12.10. **TGp (11-08-0362r0)**
12.10.1. Trying to go for new LB this week.
12.10.2. No questions.

12.11. **TGr (11-08-0324r0)**
12.11.1. 1 session this week as TGr is nearly finished.
12.11.2. There will be a celebration during this timeslot.
12.11.3. No questions.

12.12. **TGs (11-08-0210r10)**
12.12.1. Comment resolution and hope to go to LB this week with D1.09.
12.12.2. No questions.

12.13. **TGT (11-08-0285r1)**
12.13.1. Proceed with comment resolutions from LB 101
12.13.2. No questions.

12.14. **TGu (11-08-0280r3)**
12.14.1. LB 122 comment resolution and liaison issues this week.
12.14.2. No questions.

12.15. **TGv (11-08-0264r6)**
12.15.1. LB 123 comment resolution this week. Going through comment resolution and PAR extensions this week.
12.15.2. No questions

12.16. **TGw (11-08-0330r1)**
12.16.1. Just meet twice this week to resolve comments from LB 121. Hopefully will start a new LB this week with D5.0.
12.16.2. No questions

12.17. **TGy (11-08-0318r2)**
12.17.1. Possibly meeting for the last time, as the group is in sponsor ballot re-circulation ballot.
12.17.2. No questions

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 7 of 37

12.18. **TGz (11-08-0314r2)**
- 12.18.1. Menzo will arrive later this evening, so there is no report at the moment
- 12.18.2. No questions

12.19. **VHT SG (11-08-0321r3)**
- 12.19.1. Presentations on PAR and 5Criteria documents.
- 12.19.2. No questions

12.20. **VTS SG**
- 12.20.1. Need to re-affirm PAR motion from last meeting as their was no quorum at the Taipei meeting.
- 12.20.2. Document 11-08-0212r7 was presented. There have been changes following the joint meeting with IEEE 802.1. These are regarded as editorial changes. The technical scope is that same as it was in the January 2008 meeting.
- 12.20.3. Q: I think we need to ask for re-approval plus the shown changes on the screen.
- 12.20.4. Answer (A): Yes, that is correct.
- 12.20.5. **Motion: Move to approve PAR/5C as specified 07/1972r13 and forward it to the 802.11 WG for approval.**
- 12.20.6. Moved Ganesh Venkatesan, Second Harry Worstell
- 12.20.7. Q: Please can the motion be changed to say '802 ExCom'
- 12.20.8. Chair: Any objection to this.
- 12.20.9. None received
- 12.20.10. **Motion: Move to approve PAR/5C as specified 07/1972r13 and forward it to the 802 ExCom for approval.**
- 12.20.11. For: 83, Against: 20, Abstain: 14 (Motion passes 80.58%)

12.21. **IMT-A Ad Hoc (11-08-0308r0)**
- 12.21.1. Darwin Engwer (Nortel Networks)
- 12.21.2. The closing report from January was 11-08-0172r0. This week will involve discussions around the upcoming ITU-R meetings.
- 12.21.3. No questions

13. WG Elections (Affiliations also given in Appendix A)

13.1. There is 1 position for WG Chair.
13.2. The chair has seen email traffic on this.
13.3. There are 2 positions for WG vice-chair. Please note that there are 2 positions and it is up to the chair to decide who is the 1st and 2nd vice chair and associated tasks.
13.4. Chair: I will follow 2.3.6 of the IEEE 802.11 P&Ps. He then read these out verbatim from document 11-07-0360r4.

13.5. **2.3.6 Working Group Officer Election Process**

The election of the IEEE 802.11 WG Officers (Chair and Vice-Chairs) is held in March of each even-numbered year. The nominations for the election shall be held at the WG Opening Plenary meeting. The WG Chair shall designate one of the WG Vice-Chairs as an Acting Chair Pro Tem if the WG Chair is running for re-election. If not running for re-election, the WG Chair shall conduct the election process. This election process shall be used for each WG officer election.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 8 of 37

1. The Acting Chair shall open the floor for nominations.
2. The Acting Chair shall close nominations after the nominations have been made..
3. Each candidate shall be given a short time (nominally, two minutes) for an introductory statement of acceptance that should nominally contain the candidate's:

a. Summary of qualifications
b. Commitment to participate and accept duties and responsibilities
c. Vision for the WG.

4. The floor shall be opened for discussion (nominally for five-ten minutes total).

a. The Acting Chair should limit the duration of comments and promote open participation, both pros and cons. If only one candidate is nominated, the Acting Chair may choose to sharply limit the debate.

5. The discussion shall be repeated, with the WG Chair leading the process for the nomination(s) of the WG Vice-Chair(s).
6. At the Mid-Plenary meeting, the WG Officers shall conduct the election, count the votes, and notify the membership of the results.

a. Voting tokens shall be used to cast valid votes during the session.
b. In order to be elected, any candidate must receive a simple majority (over 50%) of the votes cast in the election for the respective position.
c. Should no candidate receive a majority in the election, a runoff election shall be held at the WG Closing Plenary meeting. The process shall be similar to the initial election, except that:

i. New nominations shall not be permitted.
ii. In the runoff election, the nominated candidate having received the fewest votes in the previous election round shall not be an eligible candidate (in case a tie prevents this possibility, all the nominated candidates shall remain eligible).

d. If the process is inconclusive, another runoff shall be held, as in the point above.

7. Should a runoff process not lead to the election of a Vice-Chair, the election may be deferred to the next WG session, at the Chair's discretion. However, every reasonable effort should be made to conclude the election of the Chair.

13.6. Please note that at the point of nomination, the candidates also have to provide:
- 13.6.1. Qualifications
- 13.6.2. Commitment to participate
- 13.6.3. Vision
- 13.6.4. Letter of endorsement from Sponsor
- 13.6.5. Letter of affiliation from Sponsor

13.7. Please note that simple majority means 50%
13.8. Chair: Any questions about this procedure.
13.9. Q: What is the procedure for the vice-chairs. Are the nominations made all together or separately.
13.10. Chair: If there are multiple candidates, then there will be two votes in separate rounds. I will refer to these as positions A and B.
13.11. Q: Can you nominate for both.
13.12. Chair: You can do anything you wish, as the votes are separate and not coupled.
13.13. Q: I thought you said that the vice-chairs positions are allocated by the chair. Hence you are electing people without knowing what their tasks will be? Will there be a possibility for the new chair to state what the vice-chair's positions will be, before the vice-chair vote?
13.14. Chair: We are not voting on the vice-chair's task. Hopefully the chair's presentations will clarify this issue.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 9 of 37

13.15. Q: Will the elections run serially, or will they be run in parallel.
13.16. Chair: They will be done serially
13.17. Q: …and the results will be known prior to the next election.
13.18. Chair: Yes
13.19. Q: Are we taking nominations for all three positions and then voting, or doing them all separately.
13.20. Chair: The agenda shows that all events are separate. The separate votes are de-coupled from each other.
13.21. Q: In 2.3.6., can you please explain how this relates to the previous question. It says that the nominations of the vice-chair should occur before the voting of the chair.
13.22. Chair: Actually, bearing in mind the time, I think we should consider moving this whole procedure to Wednesday.
13.23. Q: Hence you vote for vice-chair A, then stop and vote for vice-chair B.
13.24. Chair: Yes, people can stand for both positions.
13.25. Q: If I run for vice-chair A and fail, I cannot stand for vice-chair B.
13.26. Chair: Nominations for A and B are done together, then you vote.
13.27. Q: How about just doing the chair's vote now.
13.28. Chair: Yes, but I'm not sure of how much time is left.

13.29. **WG Chair Nominations**
13.30. Q: I think the chair needs to hand over to a vice chair.
13.31. Chair: But you're assuming that the chair is re-standing
13.32. Stuart Kerry (NXP Semiconductors) announced he will step down as the chair of IEEE 802.11. Stuart Kerry was given a standing ovation from the IEEE 802.11 WG members.
13.33. Stuart Kerry: I thank everyone for their support. I would like the new chair to take my child forward through the years. Vic Hayes took a child, I have created a teenager who went to college, I hope that the new chair will take it forward to be married and not divorced..
13.34. We have created an attendance system that works and saved IEEE 802.11 a lot of money. This is a new phase and I hope that IEEE 802.11 goes forward. I am very proud of this group.
13.35. Hence I would like to open nominations for the WG chair and WG vice-chairs
13.36. Open nominations for WG chair, please come to the microphone:
13.37. Bruce Kraemer (Marvell)
13.38. Chair: Is the nominator in the room
13.39. Paul Feinberg (Sony Electronics)
13.40. Chair: I accept Bruce Kraemer's nomination.
13.41. Chair: This position will remain open until Wednesday's agenda

13.42. **WG Vice-chair A Nominations**
13.43. Andrew Myles (Cisco): I would like to nominate Adrian Stephens for vice-chair
13.44. Adrian Stephens (Intel): I would only like to accept the nomination for position A.
13.45. Terry Cole (AMD): I would like to nominate Al Petrick to vice-chair position A.
13.46. Al Petrick (Jones-Petrick and Associates): yes I will accept
13.47. Bob Miller (AT&T): I would like to nominate Harry Worstell for position A.
13.48. Harry Worstell, yes I will accept

13.49. **WG Vice-chair B Nominations**
13.50. Bob Miller: I would like to nominate Harry Worstell for position B
13.51. Harry Worstell (AT&T): I accept
13.52. Don Schultz (Boeing): I would like to nominate Jon Rosdahl for position B

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 10 of 37

13.53. Jon Rosdahl (CSR): I accept
13.54. Harry Worstell: I would like to nominate Al Petrick for position B
13.55. Al Petrick: I accept
13.56. Chair: Please note that nominations are still open until Wednesday.

14. Any Other Business

14.1. None
14.2. Meeting recessed at 15:31 ET.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 11 of 37

Wednesday, 19 March 2008

IEEE 802.11 Mid Week Plenary

Presiding chair: Stuart J. Kerry (NXP Semiconductors) opened the meeting at 10:40 ET.

195 people present.

15. Approve/modify joint opening agenda (11-08-0180r2)

15.1. Taken items from Monday and moved them to today's agenda, after the liaison reports.
15.2. Liaisons limited to 2 minutes each today. There are 88 minutes for the elections.
15.3. Please note that all election positions have to be ratified by the 802 ExCom.
15.4. Following neither discussion nor dissent the agenda was approved by unanimous consent.

16. Policies and procedures

16.1. Please note that this meeting is still operating under Monday's P&P rules.
16.2. No questions about this.

17. Call for Essential Patents

17.1. Call for essential patents
17.2. No items raised.

18. CAC

18.1. Reminder about 7.30pm meeting on Thursday

19. Attendance Recording

19.1. Vice chair (Harry Worstell). New attendance system appears to be fine.
19.2. The link for all documents is http://griffin.events.ieee.org/802.11
19.3. A few glitches at the beginning, but it now seems to be ok. He would like to thank Christiana Sahr (IEEE) for her help with the system this week. Please raise comments and issues.
19.4. Please continue to use the new system.

20. Other Announcements

20.1. **Document Server**
20.1.1. Please note that the link for all documents is http://griffin.events.ieee.org/802.11. Please be careful with the IEEE 802.11 letter ballots (LBs). They are not all re-circulation LBs and if you are not careful, you will loose you voting rights.

20.2. **Joint meeting between VTS SG and IEEE 802.1ab**
20.2.1. This will be at AM2 on Thursday
20.2.2. Q: How do 802.11 members sign on the server, as its not on the attendance server.
20.2.3. A: Has it been announced as an 802.11 VTS meeting.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 12 of 37

20.2.4. Chair: As this is an honor system, please can those people attending this meeting, sign in as 802.11WG.

20.3. **IMT-A Ad Hoc**

20.3.1. Attended 802.18 last night

20.3.2. 2 documents were uploaded by 802.16. As 802.11 we need to review and comment on these documents.

20.3.3. There will be an AM2 Thursday meeting to review these two documents L80216-08-10 and L80216-08-11 (Note: The URLs for these documents are given below in the IMT-A Ad Hoc motions)

21. Liaisons

21.1. **802.18 Radio Regulatory Tag**

21.1.1. Did some work for the IMT-A issue.

21.1.2. Also Latin America and European Union updates for DFS changes in IEEE 802.11 APs.

21.1.3. Thanks to Stuart Kerry for all his hard work

21.2. **802.19 (11-08-0393r1)**

21.2.1. Development of the co-existence metric document and parameters for simulation.

21.2.2. There will be teleconferences each week on Thursdays.

21.2.3. Thanks to Stuart Kerry for all his hard work

21.3. **802.21**

21.3.1. Now in re-circulation ballot. Hope to go to RevCom in July 2008.

21.3.2. Working with 802.1 to sort out various issues.

21.3.3. Also want to start an Emergency Services study group.

21.3.4. Thanks to Stuart Kerry for all his hard work

21.4. **Bluetooth SIG (11-08-0281r1)**

21.4.1. Thanks to Stuart Kerry for all his hard work

21.4.2. Opportunity to use 802.11 as a high speed option for BT devices. Hopefully it will increase the market for both type of devices.

21.5. **Wi-Fi Alliance**

21.5.1. Andrew Myles (Wi-Fi Alliance Chair)

21.5.2. Not a lot of certifications this year.

21.5.3. Look forward to TGr and TGn finishing and also some MESH issues.

21.5.4. In the far future potentially TGv

21.5.5. In addition there is a long term roadmap which will be developed for market group.

21.5.6. Regarding Stuart, I would like to formally thank him from the Wi-Fi Alliance. He has taken the industry to the point where there are nearly 1 billion devices.

21.6. **IETF (11-08-0394r0)**

21.6.1. Met last week in Philadelphia

21.6.2. HOKEY: (handover keying) now updated.

21.6.3. CAPWAP: Documents also updated.

21.6.4. EMU: New EAP method for authentication just using a password.

21.6.5. Again, I'd like to thank Stuart for his liaison with IETF.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 13 of 37

21.7. **ISO JTC1/SC 6**

21.7.1. There was a meeting in London at the end of January 2008. The meeting was short as ISO and IEEE had already signed an agreement which voided all previous agreements.

21.7.2. Meeting concentrated on documentation issues.

21.7.3. There will be a tutorial on this subject in July 2008.

22. WG Elections (Affiliations also given in Appendix A)

22.1. Chair: Summarized the positions from Monday's meeting (see WG agenda 11-08-180r2 for current list)

22.2. Chair: Please note that I have been asked to re-stand as chair, but I have kindly declined. In addition, I have asked Donald Eastlake to preside over the vice-chairs elections, as both current vice-chairs are re-standing.

22.3. Other nominations for Chair.

22.4. None

22.5. Other nominations for Vice-chair A

22.6. None

22.7. Other nominations for Vice-chair B

22.8. Roger Durand (RIM): I nominate Stephen McCann

22.9. Stephen McCann (Nokia Siemens Networks GmbH & Co KG): I accept

22.10. No others

22.11. **WG Chair Election**

22.12. Bruce Kraemer (Marvell): (11-08-0332r1)

22.12.1. Also see his other documents 11-08-0293r0, 11-08-0294r0.

22.12.2. Q: The speed of draft evolution in this working group (WG), has caused problems, especially with third party organizations like the WFA.

22.12.3. A: I think this relates back to the scope of drafts that are created. Everyone wants early copies, and so I think early drafts are an acceptable compromise to third party organizations.

22.12.4. Q: Regarding academia, how are they connected to IEEE 802.11

22.12.5. A: They do participate in IEEE 802.11, but they are a minority. They bring in new ideas and they have been very helpful in working what is theoretically possible. I appreciate that they still have to travel and pay their way to attend meetings, which is not so easy for them.

22.12.6. Paul Nikolich (Self-employed, YAS Broadband Ventures, LLC): Within IEEE 802 we are trying to generate a better relationship with an educational board committee. I invite you, Bruce, to attend this.

22.12.7. Q: What's your position on a parliamentarian?

22.12.8. A: We have not had one for a while in IEEE 802.11. Although we need to know about Robert's Rules, I don't think we need a formally appointed position.

22.12.9. Q: This is just not for Robert's Rules, but all the IEEE 802.11 rules.

22.12.10. A: Ok, but I still think that all the IEEE 802.11 members have enough knowledge between them to do this. Additionally it should be the responsibility of a vice-chair.

22.12.11. Q: What is your view about architecture review?

22.12.12. A: I would like to create a committee to look at an overall architecture. There are quite a few pieces which need to reviewed here. We need a framework to explain the scope for future work.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 14 of 37

22.12.13. Number of voting members in the room: 146
22.12.14. Chair: Please note that I will not vote.
22.12.15. **Bruce Kraemer for WG Chair:**
22.12.16. For: 145 Against: 0, Abstain: 1
22.12.17. Chair: Therefore Bruce Kraemer is WG Chair elect.

22.13. **WG Vice-Chair A Election**
22.14. Adrian Stephens (Intel) (11-08-0274r1)
22.14.1. Q: Please can you clarify the word 'Mad' in your proposal
22.14.2. A: Mad as in devoted.
22.15. Al Petrick (Jones-Petrick and Associates) (11-08-0398r0)
22.15.1. No questions
22.16. Harry Worstell (AT&T) (11-08-0334r0)
22.16.1. No questions
22.17. Chair: Any need for a panel of discussions?
22.18. Q: I understand this is a vote for vice-chair 1?
22.19. Chair: No, its for vice-chair A. The chair will decide what positions they will fill.
22.20. Comment (C): I support Adrian Stephens from my knowledge of him in TGn
22.21. C: I would like to support Harry Worstell. As a new person in 802.11, I found Harry's help very useful.
22.22. C: I would also like to support Harry Worstell.
22.23. Q: Why are we not voting 2 people from the pool of 5 candidates
22.24. Chair: Basically this is due to the rules.
22.25. Chair: All the 3 candidates have sent the relevant documentation.

22.25.1.	**Adrian Stephens for Vice-Chair A:**	**81 (61.36%)**
22.25.2.	**Al Petrick for Vice Chair A:**	**22 (16.67%)**
22.25.3.	**Harry Worstell for Vice Chair A:**	**29 (21.97%)**
22.25.4.	**Abstain:**	**10**
22.25.5.	% of voting members who voted	97.26%

22.26. Chair: Therefore Adrian Stephens is the new vice-chair A elect.

22.27. **WG Vice-Chair B Election**
22.28. Al Petrick and Harry Worstell declined to speak again.
22.29. All endorsement and affiliation documentation has been received.
22.30. Jon Rosdahl (CSR) (11-08-0397r0)
22.30.1. No questions
22.31. Stephen McCann (Nokia Siemens Networks GmbH & Co KG)
22.31.1. No questions
22.32. Chair: Any objection in proceeding to the vote?
22.33. None received

22.33.1.	**Harry Worstell for Vice-Chair B:**	**32 (23.36%)**
22.33.2.	**Jon Rosdahl for Vice Chair B:**	**60 (43.80%)**
22.33.3.	**Al Petrick for Vice Chair B:**	**7 (5.11%)**
22.33.4.	**Stephen McCann for Vice Chair B:**	**38 (27.74%)**
22.33.5.	**Abstain:**	**3**
22.33.6.	% of voting members who voted	95.89%

22.33.7. Chair: As no candidate received more than 50% of the count, we have to drop the lowest count and re-count again for the remaining 3 candidates.
22.33.8. Chair: Please can we extend this meeting's time.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 15 of 37

22.33.9. Q: I thought that the P&Ps states that we now go to the next meeting.
22.33.10. Chair: Ok, is there any objection to continuing until done.
22.33.11. None.
22.33.12. C: I'd like to support Jon Rosdahl.
22.33.13. C: I'd like to support Harry Worstell and remind everyone that he has not finished all his work on the documentation and attendance systems.
22.33.14. **Harry Worstell for Vice-Chair B: 26 (19.40%)**
22.33.15. **Jon Rosdahl for Vice Chair B: 68 (50.75%)**
22.33.16. **Stephen McCann for Vice Chair B: 40 (29.85%)**
22.33.17. **Abstain: 1**
22.33.18. % of voting members who voted 92.47%
22.33.19. Chair: Therefore Jon Rosdahl is the new vice-chair B elect.

23. Any Other Business

23.1. None
23.2. Meeting recessed at 12:46 ET

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 16 of 37

Friday, 21st March 2008

IEEE 802.11 Closing Plenary

Call to order at 08:13 ET by Stuart J. Kerry (NXP Semiconductors). Late start due to audio visual problems.

24. Announcements

24.1. 88 people in the room.

25. Agenda (11-08-0180r3)

25.1. Chair explained the changes from r2, indicating motions.
25.2. No objection to approving the revised agenda.

26. Patents

26.1. Please note that this meeting is still operating under Monday's IEEE P&P rules
26.2. Call for Essential Patents and Letters of Assurance (LoA)
26.3. No items raised.

27. Announcements

27.1. **Chair's reports**
27.1.1. Please be aware of the Chair's schedule for the chair's committee meetings in documents 11-08-0180r3
27.1.2. Chair mentioned that current Maria Carey video contains a reference to "802.11n".

28. P&P

28.1. No updates received this time.
28.2. Please email the vice-chair if anyone has any comments.

29. Attendance Server

29.1. Vice-chair: The system continues to improve and I hope it will serve your needs as required.
29.2. Documentation server appears to be ok.

30. WG Reports

30.1. **Publicity**
30.1.1. There is a liaison to Mr. John Cox "Network World". Response motion later.

30.2. **Timelines**
30.2.1. The secretary presented the updated timeline chart, which was updated on Thursday evening and is now live on the website. There are three minor changes this meeting from TGw and TGu.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 17 of 37

30.3. **Technical editor (11-08-0354r0)**
30.3.1. There are a couple of editorial positions open. If you wish to volunteer for this, please make yourself known to the WG chair or vice-chairs.
30.3.2. C: There will be mentoring and training for new volunteers.

31. Session Location

31.1. Straw Poll: Do you like this location and would want to come back
31.2. For: 60, Against: 17, Abstain: 6
31.3. C: I would like to mention that I like the hotel, but not the location. There is not much to do here. Please can the chair mention this to ExCom.

32. WG Committee Reports

32.1. **WNG SC (11-08-0412r0)**
32.1.1. 3 presentations this week
32.1.2. No questions

32.2. **TGk (11-08-0422r0)**
32.2.1. Intention this time was to finish all sponsor ballot comments.
32.2.2. Hence TGk D13.0 will no go forward to RevCom
32.2.3. The publication date is more likely to be April 2008 and not March as mentioned in the editor's report.
32.2.4. Hence we should have an approved document in June 2008.
32.2.5. This is Richard Paine's last meeting and so he gave some final comments, as shown in the TGk report 11-08-0422r0.
32.2.6. No questions

32.3. **TGmb (11-08-0390r0)**
32.3.1. Met once during the week. Processed 1 interpretation question on EIRP.
32.3.2. No questions

32.4. **TGn (11-08-0420r0)**
32.4.1. Comment resolution finished for Draft 3.0
32.4.2. Hope to go to re-circulation ballot on Draft 4.0 today.
32.4.3. No questions

32.5. **TGp (11-08-0429r0)**
32.5.1. Now finished LB 110 letter ballot comments.
32.5.2. Hope to go to re-circulation ballot today.
32.5.3. No questions

32.6. **TGr (11-08-0433r0)**
32.6.1. 1 meeting this week, but there were no presentations.
32.6.2. Timeline is still fine for TGr.
32.6.3. Probably the last meeting for TGr.
32.6.4. No questions

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 18 of 37

32.7. **TGs (11-08-0423r0)**
- 32.7.1. As all comments were resolved last time, the group hopes to go to letter ballot this week.
- 32.7.2. No questions

32.8. **TGT (11-08-0286r0)**
- 32.8.1. 2 proposals during the week and released a new draft D1.01.
- 32.8.2. Hopefully will close all comments by the May 2008 meeting.
- 32.8.3. Chair: The draft 802.11.2 will be shorted out for publication.
- 32.8.4. No questions.

32.9. **TGu (11-08-0416r0)**
- 32.9.1. Now working on LB 122 comments.
- 32.9.2. No questions

32.10. **TGv (11-08-0425r0)**
- 32.10.1. Began comment resolutions from LB 123. They have 1034 comments.
- 32.10.2. No questions

32.11. **TGw (11-08-0410r1)**
- 32.11.1. 76 comments were received during LB 121.
- 32.11.2. These have been resolved and hence the group hopes to start sponsor ballot this week. Created draft D6.0.
- 32.11.3. Please note that TGw noticed some issues with 3 letter ballot comments, according to section 5.4.3.2 IEEE-SA Operations Manual. These 3 comments are not about text which has been modified by TGw. However, they are great comments and TGw decided to keep them for the sponsor ballot.
- 32.11.4. Therefore these 3 comments have to be rejected and hence the TGw sponsor ballot motion is now out of order.
- 32.11.5. Hence some personal motions need to be done later to resolve this situation later in this meeting.
- 32.11.6. Q: You need to update your slides to r2.
- 32.11.7. A: Sure.
- 32.11.8. Chair: These motions will be moved into new business.

32.12. **TGy (11-08-387r0)**
- 32.12.1. This is possibly the last meeting for TGy, as it is nearly finished.
- 32.12.2. The sponsor ballot re-circulation should be complete.
- 32.12.3. However, please note that there are some issues, which have not been covered by TGy.
- 32.12.4. Hence the world wide application of RLANs in the 3.4 GHz is the topic of a new study group, possibly for July 2008.
- 32.12.5. No questions.

32.13. **TGz (11-08-0427r0)**
- 32.13.1. Several issues have been added to the draft and hopefully will move to start a letter ballot later today.
- 32.13.2. No questions

32.14. **VHT SG (11-08-0413r0)**

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 19 of 37

32.14.1. There are 2 different PARs which have been worked on this week, essentially below 6 GHz and 60 GHz.
32.14.2. Also received a report from Wi-Fi Alliance about VHT usage models.
32.14.3. Hopefully complete work on PARs in May 2008.
32.14.4. Will require a SG extension for ExCom.
32.14.5. No questions

32.15. **VTS SG (11-08-0402r0)**
32.15.1. Resolved comments from NESCom on the PAR.
32.15.2. Also had a joint meeting with 802.1avb
32.15.3. No questions

32.16. **IMT-Advanced Ad Hoc (11-08-0426r0)**
32.16.1. ITU-R WP5D is a new working group looking at IMT-A.
32.16.2. Also reviewed the two 802.16 as mentioned earlier this week.
32.16.3. There were some comments about the second document, which have now been given back to 802.16 and this was reasonably successful. However, there are some discussions about definitions and terms, which have not completed yet.
32.16.4. Further meetings will be planned.
32.16.5. So, please can 802.11 members help with this effort.
32.16.6. Q: Do you have a motion to approve these comments from 802.11
32.16.7. A: Yes, which will come later.

33. Announcements

33.1. **Clarification of affiliation**
33.1.1. Clint Chaplin: Samsung Corporation America

33.2. **Liaison to 802.21**
33.2.1. David Hunter: I would like to stand down as liaison to 802.21
33.2.2. I think that there will be a lot of connection between 802.11 and 802.21 in the future.
33.2.3. Chair: I now have an open position. Are there any nominations.
33.2.4. C: Clint Chaplin
33.2.5. Chair: Clint are you willing accept
33.2.6. Clint: Yes.
33.2.7. Chair: Accepted.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 20 of 37

34. Working Group Motions

34.1. **Teleconference motion**

34.1.1. **Move to empower the following TG(s)/SG(s)/Ad-Hoc(s) to hold teleconference calls beginning no sooner than March 31, 2008 through 15 days past the end of the July 2008 Plenary Session.**

34.1.2.

Group	Start Date	Frequency	Time	Duration
Task Group k	----------	----------	----------	----------
Task Group "n"	March 26, 2008	Weekly	11:00 ET	2 HRS
Task Group "p"	March 27, 2008	Weekly	15:00ET	2 HRS
Task Group "r"	----------	----------	----------	----------
Task Group "s"	April 16, 2008	Bi-Weekly	10:00 ET	1.5 HRS
Task Group "T"	April 17, 2008 May 1, 2008	Once Once	12:00 ET	1 HR
Task Group "u"	April 3, 2008 April 17, 2008	Once Once	10:00 ET	1 HR
Task Group "v"	April 1, 2008 April 8, 2008 April 15, 2008 April 22, 2008 May 6, 2008	Once Once Once Once Once	12:00 ET	2 HRS
Task Group "w"	May 7, 2008	Once	12:00 ET	1 HR
Task Group "y"	April 1, 2008	Weekly	13:00 ET	1 HR
Task Group "z"	April 22, 2008 April 29, 2008 May 6, 2008	Once Once Once	11:00ET	1 HR
VHT-SG	April 3, 2008	Weekly	11:00 ET	1 HR
VTS-SG	April 7, 2008	Weekly	11:00 ET	1 HR
IMT-Advanced	April 11, 2008	Bi-Weekly	12:00ET	1 HR

34.1.3. Moved: Clint Chaplin, Second: Jesse Walker

34.1.4. Approved by unanimous consent

34.2. **Empowerment motion**

34.2.1. **Move to empower the 802.11 WG, Task Groups, SGs, and SCs to hold meetings during the May 2008 Interim Session to conduct business as deemed necessary.**

34.2.2. Moved Al Petrick, Second Harry Worstell

34.2.3. Approved by unanimous consent

34.3. **Publicity output document**

34.3.1. **Move to request the IEEE 802.11 WG to approve liaison document 11-08-0431r0 and request the IEEE 802.11 WG chair to forward it to Mr. John Cox.**

34.3.2. moved on behalf of publicity committee

34.3.3. For: 59, Against: 0, Abstain: 1 (motion passes)

34.4. **TGmb interpretation request**

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 21 of 37

34.4.1. **Move to approve doc: 11-08-0375-00-000m as the interpretation response to interpretation request on Transmit Power Control as specified in P802.11-2007 clause 7.3.3.18.**
34.4.2. Moved on behalf of TG
34.4.3. For: 54, Against: 0, Abstain: 4 (motion passes)

34.5. **TGn re-circulation letter ballot**

34.5.1. **Having approved comment resolutions for all of the comments received from LB115 on Draft 3.0 and the technical editor having incorporated those into D 3.07,**
34.5.2. **Move to rename D 3.07 to Draft 4.0 and begin as soon as possible, a 15 day Working Group Recirculation Ballot asking the technical question "Should 802.11n Draft 4.0 be forwarded to Sponsor Ballot?"**
34.5.3. Moved on behalf of TG
34.5.4. For: 71, Against: 1, Abstain: 2 (motion passes 98.6%)

34.6. **TGp letter ballot**

34.6.1. **Move to rename Draft P802.11p D3.05 to Draft P802.11p D4.0 and begin as soon as possible, a 30-day Letter Ballot of Draft P802.11p D4.0 asking the technical question "Should Draft P802.11p D4.0 be forwarded to Sponsor Ballot?"**
34.6.2. Moved on behalf of TG
34.6.3. Q: There is a typo to correct D3.05 to D4.0
34.6.4. A: Ok, sure.
34.6.5. Q: The results from the task group are "xxxx" on the screen. What were they?
34.6.6. A: For 14: , Against: 2, Abstain: 7
34.6.7. Chair: I'm happy with that.
34.6.8. **Move to rename Draft P802.11p D3.05 to Draft P802.11p D4.0 and begin as soon as possible, a 30-day Letter Ballot of Draft P802.11p D3.05 asking the technical question "Should Draft P802.11p D4.0 be forwarded to Sponsor Ballot?"**
34.6.9. Moved by Lee, Second Clint
34.6.10. For: 52, Against: 4, Abstain: 11 (motion passes 92.8%)

34.7. **TGp Ad Hoc**

34.7.1. **Move to authorize TGp to hold an Ad-Hoc meeting the week of April 29 in Los Angeles for the purpose of reviewing Letter Ballot comments. Exact time and place to be announced a minimum of 2 weeks before the meeting.**
34.7.2. Moved on behalf of TG
34.7.3. Approved by unanimous consent

34.8. **TGp PAR extension**

34.8.1. **Request that the 802.11 WG submit the 802.11p PAR extension request to NESCOM for approval.**
34.8.2. Moved on behalf of TG (For: 52, Against: 4, Abstain: 11)
34.8.3. Q: I think you need only the WG results for ExCom
34.8.4. A: Ok.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 22 of 37

34.8.5. For: 56, Against: 10, Abstain: 2 (motion passes 84.8%)

34.9. **TGr Draft 9.0 for publication**

34.9.1. **Move to request 802 Executive Committee to forward IEEE 802.11r Draft 9.0 to IEEE Standards Board Review Committee to request publication.**
34.9.2. Moved by Clint Chaplin, Second Bill Marshall
34.9.3. For: 57, Against: 0, Abstain: 3 (motion passes)

34.10. **TGs letter ballot**

34.10.1. **Moved, to renumber P802.11s Draft D1.10 as D2.0 and authorize a 30-Day Letter Ballot asking the question 'Should 802.11 Draft D2.0 be sent to Sponsor Ballot?'.**
34.10.2. Moved on behalf of TG
34.10.3. Q: You require to correct '802.11' to '802.11s'
34.10.4. Chair: Any objection to this change?
34.10.5. None
34.10.6. **Moved, to renumber P802.11s Draft D1.10 as D2.0 and authorize a 30-Day Letter Ballot asking the question 'Should 802.11s Draft D2.0 be sent to Sponsor Ballot?'.**
34.10.7. For: 62, Against: 0, Abstain: 5 (motion passes)

34.11. **TGs Ad-Hoc (California, USA)**

34.11.1. **Moved, to authorize a TGs ad hoc meeting May 8-10, location Santa Clara, California, hosted by Intel, to resolve comments from the second 802.11s Letter Ballot.**
34.11.2. Moved on behalf of TG
34.11.3. Approved by unanimous consent

34.12. **TGs Ad-Hoc (Munich, Germany)**

34.12.1. **Moved, to authorize a TGs ad hoc meeting 23-25 June, in Munich, Germany, hosted by Siemens, to resolve comments from the 802.11s Letter Ballot.**
34.12.2. Moved on behalf of TG
34.12.3. Approved by unanimous consent

34.13. **Chair: We are now in Recess until 10:25**
34.14. **Chair: Brought back the meeting to order at 10:27**

34.15. **TGu Ad Hoc**

34.15.1. **Move to approve a TGu Ad Hoc in the San Jose area, CA, USA on April 30th – May 2nd 2008. The intention is to have a joint meeting with TGv on one of these Ad Hoc dates.**
34.15.2. Moved on behalf of TG
34.15.3. Approved by unanimous consent

34.16. **TGu Liaison Letter**

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 23 of 37

34.16.1. **Move to request the IEEE 802.11 WG to approve liaison document 11-08-0417r1 and request the IEEE 802.11 WG chair to forward it to 3GPP SA, together with the TGu feature summary document 11-08-0415r1**
34.16.2. For: 42, Against: 0, Abstain: 6 (motion passes)
34.16.3.

34.17. **TGu PAR extension**

34.17.1. PAR Extension: taken off the table as some of the quoted references are out of order.

34.18. **TGv Ad Hoc**

34.18.1. **Move to authorize a TGv ad-hoc, April 28, 29, 30 in the San Jose area.**
34.18.2. Moved on behalf of TG
34.18.3. Approved by unanimous consent

34.19. **TGv PAR extension**

34.19.1. **Motion: Forward the TGv PAR extension in 11-08-0322-01-000v-PAR Extension to NESCOM for consideration of the extension of the PAR.**
34.19.2. Moved on behalf of TG
34.19.3. For: 45, Against: 0, Abstain: 3 (motion passes)

34.20. **TGy forward to conditional approval**

34.20.1. **Motion: To approve document 08/0319r2 as the report to the 802 Executive Committee (EC) on the requirements for conditional approval to forward 802.11y to RevCom.**
34.20.2. Moved on behalf of TG
34.20.3. For: 51, Against: 0, Abstain: 3 (motion passes)

34.21. **TGy conditional approval subject to sponsor re-circulation ballot**

34.21.1. **Move to request conditional approval to send the draft of 802.11y to RevCom upon the conclusion of a Sponsor Recirculation Ballot that meets all requirements for recirculation ballots.**
34.21.2. Moved on behalf of TG
34.21.3. For: 47, Against: 0, Abstain: 2 (motion passes)

34.22. **TGz letter ballot**

34.22.1. **Move to adopt 11-08-0406-00-000z Speculative Draft P802.11z_D0.3 with approved tex and peer power saving.doc as TGz Draft 1.0 and approve 30 day letter ballot for TGz draft 1.0**
34.22.2. Moved on behalf of TG
34.22.3. Q: There is a typo ‘tex’. Can you correct it?
34.22.4. A: No, as it’s a typo in the file name itself.
34.22.5. For: 49, Against: 0, Abstain: 3 (motion passes)

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 24 of 37

34.23. **VHT extension motion**

34.23.1. **Move to request the IEEE 802.11 Working Group to extend the VHT Study Group.**
34.23.2. Moved on behalf of TG
34.23.3. For: 52, Against: 0, Abstain: 1 (motion passes)

34.24. **VTS extension motion**

34.24.1. **Move to request the IEEE 802.11 Working Group to extend the Video Transport Stream Study Group**
34.24.2. Moved on behalf of TG
34.24.3. For: 45, Against: 4, Abstain: 1 (motion passes 91.8%)

34.25. **VTS PAR & 5Criteria**
34.25.1. update from the approval on Monday with recommendations from NESCom
34.25.2. **Move to approve VTS SG PAR/5C Submission (document 07/1972r14) and request the IEEE P802.11 Working Group to forward it IEEE 802 LMSC. 07/1972r14 is document 07/1972r13 with resolutions for comments from NESCom on VTS PAR incorporated.**
34.25.3. Moved on behalf of TG
34.25.4. For: 43, Against: 4, Abstain: 4 (motion passes 91.4%)

34.26. **IMT-A liaison documents**
34.27. Some background explanation of the outcome from the 802.11 and 802.16 discussions within the 802.18 meeting (Thursday).

34.28. **IMT-A Liaison Document 1**

34.28.1. **Move to approve ITU-R liaison document http://ieee802.org/18/Meeting_documents/2008_Mar/L80216-08_010_wg11_d1.doc. Based upon 16-08-010**
34.28.2. Moved Darwin Engwer, Second Bruce Kraemer
34.28.3. Q: Is this document available within 802.16?
34.28.4. Chair: Yes, it is a public document.
34.28.5. For: 41, Against: 0, Abstain: 0 (motion passes)

34.29. **IMT-A Liaison Document 2**

34.29.1. **Move to approve ITU-R liaison document http://ieee802.org/18/Meeting_documents/2008_Mar/L80216-08_011d1.doc. Based upon 16-08-011**
34.29.2. Moved Darwin Engwer, Second Bruce Kraemer
34.29.3. For: 40, Against: 0, Abstain: 6 (motion passes)

34.30. **11u PAR extension**
34.30.1. **Motion: Forward the TGu PAR extension document 11-08-0434-00-000u-PAR-extension.ppt to NESCOM for consideration of the extension of the PAR.**
34.30.2. moved Stephen McCann, second Harry Worstell

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 25 of 37

34.30.3. For: 47, Against: 0,Abstain: 1 (motion passes)

34.31. **Recognition of WG chair's efforts : IEEE 802.11 Member Emeritus**

34.31.1. Also several members will be retiring after this meeting.

34.31.2. Would like to create a new membership category: IEEE 802.11 Member Emeritus for IEEE 802.11 members with 15 years or more service.

34.31.3. **Moved: That 802.11 establish a new category of membership as given herein, to be known as 802.11 Member Emeritus: 802.11 members achieving 15 years or more voting status in 802.11 shall automatically become an 802.11 Member Emeritus.**

34.31.4. **The initial members shall be established as of the March, 2008 session.**

34.31.5. **Each Member Emeritus shall be given an Member Emeritus number (starting sequentially from 1), assigned according to their length of voting membership.**

34.31.6. **Each 802.11 Member Emeritus shall be entitled to the following privileges:**

34.31.7. **They shall be treated at all times with all the respect they deserve.**

34.31.8. **They are entitled to claim that any grey hairs are due to 802.11 participation and they shall be allowed to lie about their age, and they are not be questioned about these matters by regular 802.11 members.**

34.31.9. **They shall be identified by meeting badges which include:**

34.31.10. **802.11 Member Emeritus #<n>, since <year started>**

34.31.11. **They shall be entitled to request one extra drink ticket at socials.**

34.31.12.

34.31.13. Moved by Dave Bagby, Second by Donald Schultz

34.31.14. Q: How come it's not 10 years?

34.31.15. A: Ah, ha so there is some incentive

34.31.16. C: I speak in favor of this motion

34.31.17. Q: Who will number 1 be?

34.31.18. A: Not sure.

34.31.19. C: This is cumulative membership, so gaps do not count.

34.31.20. Q: Do we have records which go back that far, and does the mover want to organize this.

34.31.21. A: Ok, but I wonder if any programmer can help me out?

34.31.22. For: 52, Against: 0, Abstain: 1 (motion passes)

35. Chairman thanks to all members

35.1. Thanks to Tim Godfrey (past WG secretary)

35.2. Thanks to all the membership for allowing me to stand as chair

35.3. I have also finished with Robert's Rules

36. New Business

36.1. **TGn request to publish**

36.1.1. **Request to the chair for publication of IEEE 802.11n D4.0 and also IEEE 802.11y D9.0 and IEEE 802.11k D13.0**

36.1.2. Chair: Yes, I will ask IEEE-SA and try to arrange this.

36.2. **TGw resolution of 3 comments**

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 26 of 37

36.3. **(Sec: awaiting clarification of exact wording)** ***Move to accept comments with CID 24,27, and 31 from LB 121 and instruct the IEEE 802.11w editor to incorporate these comment resolutions into D5.1***

36.3.1. Moved Bill Marshall, second Jesse Walker

36.3.2. Approved by unanimous consent

36.4. **TGw re-circulation ballot**

36.4.1. **(Sec: awaiting clarification of exact wording)** ***Motion: Believing that all the conditions for a re-circulation of P802.11w have been satisfied, to renumber D5.1 to D6.0 and to request the 802.11 Working Group authorize a 15-day Working Group Recirculation Ballot on P802.11w D6.0.***

36.4.2. Moved by Jesse Walker, second Bill Marshall

36.4.3. For: 49, Against: 0, Abstain: 0 (motion passes)

36.5. **TGs PAR extension**

36.6. **Motion: Forward the TGs PAR extension 11-08/432r0 to NESCOM for consideration of the extension of the PAR.**

36.6.1. On behalf of TG

36.6.2. For: 48, Against: 0, Abstain: 1 (motion passes)

37. AOB

37.1. **Bruce Kraemer: Marvell**

37.2. There is a liaison letter for a co-location co-existence group.

37.3. I think we should honor this and this will start in May 2008.

37.4. The invitation number is L80216-08_019. Please can all members have a look at this.

37.5. Chair: I would like to give this to the chair elect to move forward with.

37.6. **Bob O'Hara: Unaffiliated**

37.6.1. This is my last WG plenary meeting

37.6.2. I believe there is an increasing amount of dominance behavior starting to occur.

37.6.3. Please can the chair start an investigation to this effect as it is his responsibility to do so.

37.6.4. Chair: I accept as the position of WG Chair, and will instigate an investigation process and inform the IEEE 802 sponsor, Paul Nikolich. The new WG chair elect Bruce Kraemer who will run the investigation and I will work within that activity

37.7. **Stuart Kerry: NXP Semiconductors**

37.7.1. Please ensure that IEEE 802.11 goes forward and is successful.

37.8. **Bruce Kramer: Marvell**

37.8.1. Thank you to all the officers on the top table for their work, help and assistance to the working group over the years.

38. Next Meeting

38.1. The next meeting (#109) is in the Hyatt Regency Hotel, Jacksonville, Florida, USA from May 11th – 16th 2008: http://ieee802.facetoface-events.com/sessions/48/index.php

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 27 of 37

39. Adjournment

39.1. The meeting is adjourned without objection at 11:41 ET.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 28 of 37

Annex A : Attendance & Affiliation

Last Name	First Name	Affiliation
Aboulmagd	Osama	Nortel Networks
Adachi	Tomoko	Toshiba Corporation
Afifi	Emad	ensphere solutions
Aggarwal	Alok	QUALCOMM, Inc.
Aldana	Carlos	Broadcom
Alexander	Thomas	VeriWave, Inc.
Andrus	David	Apple Computer, Inc.
Anwyl	Gary	Ralink Technology Corp
Arita	Takashi	Fujistu Component LTD
Armstrong	Lee	US DoT
Ashley	Alex	NDS Ltd
Astrin	Arthur	Astrin Radio
Audeh	Malik	Tropos Networks
Awater	Geert	QUALCOMM, Inc.
Aylesworth	David	Fortress Technologies
Bahr	Michael	Siemens Enterprise Communications
Bai	Fan	VSC2
Bajko	Gabor	Nokia Corporation
Banerjea	Raja	Marvell Semiconductor
Basson	Gal	Wilocity
Bavafa	Moussa	Broadcom
Baykas	Tuncer	NICT
Benveniste	Mathilde	Avaya
Blanchard	Colin	BT Group PLC
Borges	Daniel	Apple Computer, Inc.
Braskich	Anthony	Motorola Inc
Britz	David	AT&T
Buga	Walter	Proximetry
Bumiller	G	Research In Motion Ltd.
Cam-Winget	Nancy	Cisco Systems, Inc.
Canpolat	Necati	Intel
Cardona	Javier	cozybit Inc.
CHAMBELIN	Philippe	THOMSON
Chan	Douglas	Cisco Systems, Inc.
Chaplin	Clint	Samsung Electronics Co. Ltd.
Chen	Lidong	National Institute of Standards and Technology
Chien	Su	BT Multimedia (Malaysia) Sdn Bhd
Chin	Kevin	Microsoft
Cho	Hanbyeog	ETRI
Choi	Nakjung	Seoul National University
Chu	Liwen	STMicroelectronics
Cole	Terry	AMD
Cook	Charles	Qwest
Cui	Wei	Nokia Corporation

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 29 of 37

Cypher	David	NIST
De Courville	Marc	Motorola SAS
de Vegt	Rolf	QUALCOMM, Inc.
Denteneer	Theodorus	philips
deVries	Jeremy	University of New Hampshire InterOperability Laboratory
Dickey	Susan	Caltrans
Ding	Gang	Olympus Comm Tech of America
DING	ZHIMING	Huawei
Doi	Yoshiharu	SANYO Electric
Dolmans	Guido	Holst Centre / IMEC-NL
Dorsey	John	Apple Computer, Inc.
Dufresne	Justin	UNH-IOL
Durand	Roger	Research In Motion Ltd.
Eastlake, 3rd	Donald	Motorola Inc
Ecclesine	Peter	Cisco Systems, Inc.
Elbakoury	Hesham	Nortel Networks
Ellis	Mike	BBC
Emmelmann	Marc	Technical University Berlin
Engwer	Darwin	Nortel Networks
Epstein	Leonid	Metalink
Erceg	Vinko	Broadcom
Fanfelle	Robert	Marvell
Fantaske	Steve	Psion Teklogix Inc
Fechtel	Stefan	Infineon Technologies
Feinberg	Paul	Sony Electronics Inc.
Feng	Danfeng	Huawei
Fischer	Matthew	Broadcom
Fisher	Wayne	ARINC, Inc.
Fracchia	Roberta	Motorola sas
Frederiks	Guido	QUALCOMM, Inc.
Fuereder	Herbert	Siemens
Fujinami	Makoto	NEC Corporation
Funada	Ryuhei	NICT
Gast	Matthew	Trapeze Networks
Gloger	Reinhard	Nokia Siemens Networks
Gong	Michelle	Intel
Guener	Tugrul	Kapsch TrafficCom AG
Harkins	Dan	Aruba Networks
Hart	Brian	Cisco Systems, Inc.
Hassan	Amer	Microsoft
Hattig	Myron	Intel
Hayase	Shigenori	Hitachi
Henderson	Gregory	Research In Motion Ltd.
Hiertz	Guido	Philips
Hillman	Garth	Advanced Micro Devices
HONG	SEOCKDEOCK	Samsung Electronics Co. Ltd.
Hong	Yong-Geun	ETRI

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 30 of 37

Hsu	Yungping	MediaTek Inc.
Hu	Junling	Huawei
hu	wendong	STMicroelectronics
Huang	Robert	Sony Electronics
Hunter	David	Panasonic
Inoue	Yasuhiko	NTT
Iso	Akio	NICT
Jalfon	Marc	Intel
Jee	Junghoon	ETRI
Jeon	Hongseok	ETRI
Jiang	Daniel	VSC2
Jones	Vince	QUALCOMM, Inc.
Joshi	Avinash	Motorola Inc
Kafle	Padam	Nokia Corporation
Kain	Carl	Noblis
Kakani	Naveen	Nokia Corporation
Kato	Masato	BUFFALO
Kato	Shuzo	NICT
Kavner	Douglas	Raytheon
Kennedy	Richard	ETS-Lindgren
Kenney	John	VSC2
Kerry	Stuart	NXP Semiconductors
Kim	Jaehwa	Samsung Electronics Co. Ltd.
Kim	Kyeongpyo	ETRI
kim	Seong	Samsung Electronics Co. Ltd.
Kim	Yongsun	ETRI
Kimura	Ryota	NICT
Kneckt	Jarkko	Nokia Corporation
Kobayashi	Mark	Broadcom
Kojima	Fumihide	NICT
Kolze	Tom	Broadcom
Kraemer	Bruce	Marvell
KRAUS	JOSEF	Deutsche Telekom AG
Kuehnel	Thomas	Microsoft
Kumar	G	Ittiam Systems
Kurihara	Thomas	IEEE VTS ITS
Kwak	Joseph	InterDigital
KWON	EDWIN	Samsung Electronics Co. Ltd.
Lan	Zhou	NICT
Landt	Jeremy	Transcore
Lauer	Joseph	Broadcom
Lee	Jae	Samsung Electronics Co. Ltd.
LEE	JEONG	Samsung Electronics Co. Ltd.
Lee	Tae	Samsung Electronics Co. Ltd.
Levy	Joseph	InterDigital Communications LLC
Liu	Yong	Samsung Electronics Co. Ltd.
Livshitz	Michael	METALINK

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 31 of 37

Loc	Peter	Marvell Semi
Lubar	Daniel	RelayServices
Ma	Xiao-jun	Thomson
Maida	Anthony	3e Technologies International, Inc.
Majkowski	Jakub	Nokia Corporation
Malarky	Alastair	Mark IV Industries
Mandrekar	Ishan	Thomson Inc.
Marin	Janne	Nokia Corporation
Marshall	Bill	AT&T
McCann	Stephen	Nokia Siemens Networks GmbH & Co KG
Mcfarland	William	Atheros
Mcnew	Justin	TechnoCom
Mesecke	Sven	Buffalo Inc.
Meyer	Klaus	Atmel
Miller	R	AT&T
Miyoshi	Hidekazu	Innovation Core SEI
Mlinarsky	Fanny	octoScope
Montemurro	Michael	Research In Motion Ltd.
Moorti	Rajendra	Broadcom
Morioka	Hitoshi	ROOT INC.
Moskowitz	Robert	Verizon Business Systems
Mur	Daniel	NEC
Myles	Andrew	Cisco Systems, Inc.
Nadeem	Tamer	Siemens Corporate Research
nagata	kengo	NTT
Ngo	Chiu	Samsung Electronics Co. Ltd.
Nikula	Eero	Nokia Corporation
Nishiguchi	Yoshinori	NICT
Noble	Erwin	DataPath, Inc
Noens	Richard	Motorola Inc
Oh	Hyun	ETRI
Oh	Jisung	Samsung Electronics Co. Ltd.
O'Hara	Robert	unaffiliated
Olson	Chandra	Lockheed Martin
Olson	Tim	Agito Networks
Oyama	Satoshi	Hitachi
Paine	Richard	Boeing
PARK	IN-SOO	Korea Telecom
Park	Jungsoo	ETRI
Park	Minyoung	Intel
Patel	Vijaykumar	Andrew Corporation
Peiris	Bemini	Atheros Communications Inc.
Perahia	Eldad	Intel
Perkins	Dmitri	University of Louisiana at Lafayette
Petranovich	James	ViaSat
Petrick	Al	Jones-Petrick and Associates
Phanse	Kaustubh	AirTight Networks

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 32 of 37

Pirzada	Fahd	Dell
Ponnuswamy	Subburajan	Aruba Networks
Ptasinski	Henry	Broadcom
Pyo	Chang	NICT
Qi	Emily	Intel
Qian	Lu	Cisco Systems, Inc.
Qin	Xiangping	Samsung Electronics Co. Ltd.
Qu	Huyu	Honeywell Imaging and Mobility
Raab	Jim	dell
Rai	Vinuth	VSC-2
Ramamurthy	Harish	Marvell Semiconductor Inc
Razoumov	Leonid	AT&T
Repice	Joseph	Spirent Communications
Reuss	Edward	Plantronics, Inc.
Reynolds	Daniel	UNH InterOperability Laboratory (UNH-IOL)
Roebuck	Randal	Sirit / OmniAir
Rosdahl	Jon	CSR
Roy	Richard	Connexis
Ryu	Jaeyoung	Samsung Electronics Co. Ltd.
Safonov	Alexander	IITP RAS
Sahr	Christina	IEEE
Sanwalka	Anil	Neesus Datacom Inc
Sarikaya	Behcet	Huawei Technologies, USA
Sato	Katsuyoshi	NICT
Sawada	Hirokazu	Tohoku Institute of Technology
Scarpa	Vincenzo	STMicroelectronics
Schultz	Don	Boeing
Seok	Yongho	LG Electronics
Shao	Huairong	Samsung Electronics Co. Ltd.
Sharma	Neeraj	Intel
Shellhammer	Stephen	QUALCOMM, Inc.
Sherlock	Ian	Texas Instruments
Shimada	Shusaku	Yokogawa Co.
Singh	Harkirat	Samsung Electronics Co. Ltd.
Smith	Matt	Atheros
Sood	Kapil	Intel
Stanley	Dorothy	Aruba Networks
Stephens	Adrian	Intel
Stephenson	David	Cisco Systems, Inc.
Stine	John	The MITRE Corporation
Strutt	Guenael	Motorola Inc
Sum	Chin	NICT
SUTSKOVER	ILAN	Intel
Takagi	Eiji	QUALCOMM, Inc.
Tan	Teik-Kheong	GCT Semiconductor
Thomson	Allan	Cisco Systems, Inc.
Thrasher	Jerry	Lexmark International Inc.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 33 of 37

Tokubo	Eric	Motorola Inc
Tolpin	Alexander	Intel
Trachewsky	Jason	Broadcom
Trainin	Solomon	Intel
Tsai	James	Intel
Tsao	Alvin	Mediatek
Tsoulogiannis	Tom	Neesus Datacom Inc.
Turletti	Thierry	INRIA
Van Erven	Niels	3Com
Van Nee	Richard	QUALCOMM, Inc.
Van Zelst	Allert	QUALCOMM, Inc.
Varlet-Andre	Mathieu	British Telecommunications plc
Varshney	Prabodh	Nokia Corporation
Venkatesan	Ganesh	Intel
Victor	Dalton	Broadcom
Vlantis	George	STMicroelectronics
Walker	Jesse	Intel
Wang	Junyi	NICT
Wang	Qi	Broadcom
Warren	Craig	Broadcom
Watanabe	Wataru	Mitsumi Electric co., ltd.
waye	patrick	MINE RADIO SYSTEMS INC.
Wentink	Menzo	Qualcomm
Whetten	Frank	Boeing
Williams	Kyle	Robert Bosch LLC
Wineinger	Gerald	Wineinger Associates
Won	Jongeun	Samsung Electronics Co. Ltd.
Worsham	James	AT&T
Worstell	Harry	AT&T
Xia	Pengfei	Samsung Electronics Co. Ltd.
Yamagishi	Hiroyuki	Sony Corporation
Yamamoto	Takeshi	NEC
Yamaura	Tomoya	Sony Corporation
Yang	Wen-Bin	NIST
Yee	James	Mediatek
Yee	Jung	Wi-LAN
Yong	Su	Samsung
Yoshida	Seiji	NTT-MCL, Inc.
Young	Christopher	Broadcom
Zaks	Artur	Texas Instruments
Zhang	Hongyuan	Marvell Semiconductor
zhang	huimin	Huawei
Zhao	Mu	Huawei Technologies Co., Ltd.
Zhu	Chunhui	Samsung Electronics Co. Ltd.
Zuniga	Juan	InterDigital Communications LLC

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 34 of 37

Annex B : Working Group Officers

Name	Position	Phone, eMAIL & Affiliation
STUART J. KERRY	IEEE 802.11 WORKING GROUP (WG) CHAIR	NXP Semiconductors
	Mail: c/o: NXP Semiconductors, 1109 McKay Drive, M/S 48A SJ, San Jose, CA 95131-1706, United States of America	Phone: +1 (408) 474-7356 Fax: +1 (408) 474-5343 stuart@ok-brit.com
AL PETRICK	WORKING GROUP - 1ST VICE-CHAIR / TREASURER	Jones-Petrick & Associates
	Policies & Treasury	+1 (321) 235-3269 al@jpasoc.com
HARRY R. WORSTELL	WORKING GROUP - 2ND VICE-CHAIR	AT&T Labs, Inc.
	Attendance, Ballots, Documentation & Voting	+1 (973) 236-6915 hworstell@research.att.com
STEPHEN MCCANN	WORKING GROUP - SECRETARY & PUBLICITY	Nokia Siemens Networks GmbH & Co. KG
	Minutes, Reports, & Communications	+44 (1794) 833341 stephen.mccann@roke.co.uk
TERRY COLE	WORKING GROUP - TECHNICAL EDITOR	Advanced Micro Devices, Inc.
	Standard & Amendment(s) Coordination	
	WORKING GROUP - ANA LEAD	+1 (512) 602-2454
	802.11 Assigned Numbers Authority	terry.cole@amd.com
Name	**Position**	**Phone, eMAIL & Affiliation**
TEIK-KHEONG "TK" TAN	WNG STANDING COMMITTEE - CHAIR	GCT Semiconductor, Inc.
	Wireless Next Generations	+1 (408) 480-0431 tktan@ieee.org
Name	**Position**	**Phone, eMAIL & Affiliation**
RICHARD H. PAINE	TASK GROUP K - CHAIR	The Boeing Company
	Radio Resource Measurements (802.11k Amendment)	+1 (206) 854-8199 richard.h.paine@boeing.com
AL PETRICK	TASK GROUP MB - CHAIR (TEMPORARY)	Jones-Petrick & Associates
	802.11 Accumulated Maintenance Changes	+1 (321) 235-3269 al@jpasoc.com
BRUCE P. KRAEMER	TASK GROUP N - CHAIR	Marvell Semiconductor, Inc.
	High Throughput (802.11n Amendment)	+1 (321) 427-4098 bkraemer@marvell.com
SHEUNG LI	TASK GROUP N - VICE-CHAIR	SiBEAM, Inc.
	High Throughput (802.11n Amendment)	+1 (408) 245-3120 sli@sibeam.com
LEE ARMSTRONG	TASK GROUP P - CHAIR	US Department of Transportation
	Wireless Access for the Vehicular Environment (802.11p Amendment)	+1 (617) 620-1701 LRA@tiac.net
CLINT CHAPLIN	TASK GROUP R - CHAIR	Samsung
	Fast Roaming (802.11r Amendment)	+1 (408) 239-3348 clint.chaplin@gmail.com
DONALD E. EASTLAKE 3RD	TASK GROUP S - CHAIR	Motorola, Inc.
	Mesh Networking (802.11s Amendment)	+1 (508) 786-7554 donald.eastlake@motorola.com
	TASK GROUP T - CHAIR	Intel Corporation

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 35 of 37

NEERAJ SHARMA	Wireless Performance (802.11.2 Recommended Practice)	+1 (503) 712-7458 neeraj.k.sharma@intel.com
STEPHEN MCCANN	TASK GROUP U - CHAIR InterWorking with External Networks (802.11u Amendment)	Nokia Siemens Networks GmbH & Co. KG +44 (1794) 833341 stephen.mccann@roke.co.uk
DOROTHY V. STANLEY	TASK GROUP V - CHAIR Wireless Network Management (802.11v Amendment)	Aruba Networks +1 (630) 836-9734 dstanley@arubanetworks.com
JESSE WALKER	TASK GROUP W - CHAIR Protected Management Frames (802.11w Amendment)	Intel Corporation +1 (503) 712-1849 jesse.walker@intel.com
PETER ECCLESINE	TASK GROUP Y - CHAIR 3650-3700 MHz Operation in USA (802.11y Amendment)	Cisco Systems, Inc. +1 (408) 527-0815 petere@cisco.com
MENZO WENTINK	TASK GROUP Z - CHAIR Direct Link Setup (802.11z Amendment)	Conexant Netherlands BV +31 65 183 6231 menzow@hotmail.com
Name	**Position**	**Phone, eMAIL & Affiliation**
ELDAD PERAHIA	VHT SG - CHAIR 802.11 Very High Throughput	Intel Corporation +1 (503) 712-8081 eldad.perahia@intel.com
GANESH VENKATESAN	VTS SG - CHAIR 802.11 Video Transport Streams	Intel Corporation +1 (503) 264-0637 ganesh.venkatesan@intel.com

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 36 of 37

Annex C : Minutes

This Annex contains references to all IEEE 802.11 SC/TG/SG & Ad Hoc group (AHG) minutes from this meeting. Please note that they are NOT subject to the approval of these minutes, but are confirmed and approved by their individual group in the opening meeting at their next session.

WG	TE	08-0428r0
WNG SC	SCC	08-0384r0
TGK	TGC	08-0392r0
TGMB	TGC	08-0391r0
TGN	TGC	08-0371r0
TGP	TGC	08-0386r3
TGR	TGC	08-0382r0
TGS	TGC	08-0424r0
TGT	TGC	08-0353r0
TGU	TGC	08-0363r0
TGV	TGC	08-0337r0
TGW	TGC	08-0350r0
TGY	TGC	08-0359r0
TGZ	TGC	08-0442r0
VHT SG	SGC	08-0414r0
VTS SG	SGC	08-0435r0
IMT AHC	AHG	08-0430r0

End.

Ex. 1025 - TCL Indus Holdings Co., Ltd.
TCL Indus Holdings Co., Ltd v. LGE - IPR2023-00866
Page 37 of 37