|  |  |  |
| --- | --- | --- |
| Project | IEEE 802 Wireless Interim Opening Plenary May 2024 | |
| Title | Meeting Minutes for May 13th, 2024 | |
| Date Submitted | June 7th, 2024 | |
| Source | Stephen McCann  Huawei Technologies Co., Ltd | E-mail: stephen.mccann@ieee.org |
| Re: | Meeting Minutes | |
| Abstract |  | |
| Purpose | Maintain Meeting Record | |
| Notice | This document is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by IEEE 802. | |

**Abbreviations:**

A: Answer

C: Comment

Q: Question

**IEEE 802 Wireless Interim Session - Joint Opening Plenary #121**

**May 2024**

**Monday May 13th, 2024, 08:00 Central European Summer Time (CEST)**

1. **Call to order**: Meeting called to order at 08:02 CEST

* **Chair**: Dorothy Stanley
* **Recording Secretary**: Stephen McCann
* There are two members of the IEEE staff present (Christy Bahn and Jodi Haasz).
* Attendance in Annex A of this document.

1. **Review and approve agenda**

* <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0073-01-WCSG-2024-may-wireless-interim-opening-plenary-agenda.xlsx>
* **Move to approve the agenda in document ec-24-0073r1.**
* Moved: Marc Emmelmann, Second: Jim Lansford
* No objection to approving by unanimous consent.
* **Policy and Procedure reminders**
* <http://ieee802.org/sapolicies.shtml>
* The chair read out the relevant policies and procedures, including the copyright policy.
* No statements were made.
* **Minutes from the last meeting January 2024**:
* <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0026-01-WCSG-minutes-2024-01-wireless-interim-opening-plenary.docx>
* No actions from these minutes.
* Consent agenda item. Approved with approval of agenda.

1. **Venue Information and Treasury Status**

* **Venue Information:**
* <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0100-00-WCSG-warsaw-2024-may-802w-interim-things-to-know.pptx>
* We would like to welcome you all to the Marriott hotel here in Warsaw, Poland.
* Thank you to the hotel for assisting with the AV this week..
* There is an app that you can use this week to assist you with the location of the meeting rooms and various other logistics. Please look on the back of your badge for further details.
* There is a single Wi-Fi SSID to access the meeting internet service.
* There is a social on Wednesday evening. Please note that there are 2 restaurants to accommodate the extra people who are attending in person. Therefore, please remember to be on the same bus as your friends. In addition, if you want a vegetarian meal, you need to be on the first 6 buses, not the last 2.
* Please can you respond to the email from MTG Events to verify the numbers of people who will actually attend the social or if not attending please let us know.
* Breakfast is included in your Marriott room rate for those people in this hotel. Lunch will be served in the terrace area outside on level 2.
* No questions.
* **Treasury Report:**
* <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0007-04-WCSG-wireless-treasurer-report-2024.pptx>
* The balance is correct as of April 10, 2024.
* The treasury is fine at the moment.
* There is still some money from the Panama meeting in January 2024 that is due.
* This session will incur a loss, but that is ok, as it balances the expenditure of sessions over the last couple of years or so.
* Please note that there is a list of deadbeats. This list is gradually becoming smaller, although there may be an extra person from the January 2024 meeting.
* We now have more people attending our wireless interims in person than before the Covid-19 pandemic when it was in person only.
* It is expected that the IEEE 802 wireless interim meeting fees for 2025 will remain the same as 2024.
* If you are attending this meeting, you should have paid a registration fee. If you have not, please talk to the registration desk.
* Chair: I would like to thank Jon Rosdahl for all his help with arranging the logistics with the meeting planners.
* No questions.

1. **Reports from WG and SC Chairs**

* **802.11 (Wireless Local Area Network – WLAN)**
* Robert Stacey presented a summary of recent 802.11 activities in document: <https://mentor.ieee.org/802.11/dcn/24/11-24-0707-02-0000-2024-may-working-group-chair-opening-report.pptx> (slide #17), which shows all the current 802.11 sub-groups.
* The REVme task group is now rolling up many completed 802.11 amendments into a new 802.11-2024 baseline.
* 802.11be is maturing now and is also known in the industry as Wi-Fi 7.
* There have been many Working Group and SA ballots since March 2024 as shown on slide #18.
* The Integrated Millimeter Wave (IMMW) study group have a PAR that they hope will be approved at the WG level this week.
* There are currently 572 voters in 802.11.
* No questions.
* **802.15 (Wireless Specialty Networks)**

<https://mentor.ieee.org/802.15/dcn/24/15-24-0200-01-0000-may-2024-802-15-opening-report.pptx>

* Clint Powell presented the document.
* This is the 150th session of IEEE 802.15 and there will be a celebration during the mid-week plenary.
* Slides #2 and #3 shows the various 802.15 groups and activities. 802.15 has a family of MAC standards and hence has various integers such as 802.15.3 to indicate the separate specification. Slide £7 shows a summary of what the various 802.15 technologies are.
* There are currently 132 voting members in the WG.
* By the way, there is an IEEE milestone here in Warsaw of the 3 Polish engineers who cracked the enigma code.
* No questions.
* **802.18 (Radio Regulatory Technical Advisory Group)**

<https://mentor.ieee.org/802.18/dcn/24/18-24-0044-01-0000-2024-may-rr-tag-chair-opening-report.pptx>

* Gaurav Patwardhan presented the document.
* There are currently 57 votes in the WG.
* Chair: I would like to thank Edward, Gaurav and Al for all their hard work.
* No questions.
* **802.19 (Coexistence)**

<https://mentor.ieee.org/802.19/dcn/24/19-24-0015-02-0000-may-2024-wg-opening-report.pptx>

* Presented by Tuncer Baykas.
* There are 53 voters.
* There are currently no co-existence assessment documents submitted
* There is a new PAR for 802.19.3a to enhance the 802.19.3 standard, addressing 802.11 and 802.15.4 sub-1 GHz technologies.
* There will be a formal 802 milestone virtual event on 19 and 20th May.
* Chair: On Tuesday evening there is a joint meeting between 802.11 and 802.15 to discuss co-existence issues.
* No questions.
* **802.24 (Vertical Applications)**

<https://mentor.ieee.org/802.24/dcn/24/24-24-0012-01-0000-may-2024-interim-meeting-agenda-and-presentation.ppt>

* Tim Godfrey presented the document.
* There are 25 voters.
* The main activity this week is to work on various whitepapers as shown on slide #4.
* No questions.

1. **Discussion Topics**

* None.

1. **Other Business**

* There are 6 new members who are attending for the first time.
* IEEE 802.1 are also meeting with the 802 wireless WGs this session.

1. **Action items**

* None.

1. **Adjourn**

* No objection to adjourning.
* Adjourned at 08:52 CEST.

**Annex A: Attendance & Affiliation**

| **Name** | **Affiliation** |
| --- | --- |
| Abeywickrama, Tharindu | Huawei Technologies Co., Ltd |
| Akhmetov, Dmitry | Intel |
| Ansley, Carol | Cox Communications Inc. |
| Asterjadhi, Alfred | Qualcomm Incorporated |
| Awater, Geert | Qualcomm Incorporated |
| B, Hari Ram | NXP Semiconductors |
| Bahn, Christy | IEEE STAFF |
| Bajaj, Ian | Huawei International Pte. Ltd. |
| baron, stephane | Canon Research Centre France |
| Baykas, Tuncer | Ofinno |
| BEECHER, PHILIP E | Wi-SUN Alliance |
| Berens, Friedbert | FBConsulting Sarl |
| Berger, Christian | NXP Semiconductors |
| Bims, Harry | Bims Laboratories, Inc. |
| Canchi, Radhakrishna | Kyocera International Inc |
| Chaplin, Clint | Self |
| Chaturvedi, Abhishek | Samsung Electronics |
| Cho, Hangyu | LG ELECTRONICS |
| Das, Subir | Perspecta Labs Inc |
| da Silva, Claudio | Intel |
| De Ruijter, Hendricus | Silicon Laboratories |
| Dinan, Esmail | Ofinno |
| Ekkundi, Manasi | SAMSUNG ELECTRONICS |
| EMMELMANN, MARC | SELF |
| Erkucuk, Serhat | Ofinno |
| Fan, Shuang | Sanechips Technology Co., Ltd. |
| Fang, Yonggang | Mediatek |
| Fujimori, Yuki | Canon Research Centre France |
| Ganji, Mehdi | Charter Communications |
| Gee, Thomas | Qorvo |
| Gilb, James | General Atomics Aeronautical Systems, Inc. |
| Godfrey, Tim | Electric Power Research Institute, Inc. (EPRI) |
| Goto, Fumihide | DENSO |
| Gu, Junrong | Clourney Semiconductor |
| GUIGNARD, Romain | Canon Research Centre France |
| Ha, Taeyoung | Samsung Electronics Co., Ltd. |
| Halasz, David | Morse Micro |
| Hamilton, Mark | CommScope/Ruckus |
| HAN, DONG | Apple Inc. |
| Han, Jin-Kyu | SAMSUNG ELECTRONICS |
| Har-Zion, Yuval | Renesas Electronics Corporation |
| HOSAKO, IWAO | NICT |
| Hosseinianfar, Hamid | Ofinno |
| Hsu, Chien-Fang | MediaTek Inc. |
| Hsu, Yungping | Mediatek Inc |
| HUANG, CHIHAN | MediaTek Inc. |
| Huang, Lei | Huawei Technologies Co., Ltd |
| Jee, Anand | SAMSUNG ELECTRONICS |
| Kabbinale, Aniruddh | SAMSUNG |
| Kamel, Mahmoud | InterDigital, Inc. |
| Karthik, S. G. | SAMSUNG ELECTRONICS |
| Kennedy, Richard | Unlicensed Spectrum Advocates |
| Kezys, Vytas | HaiLa |
| Kim, Sanghyun | WILUS Inc. |
| Kitazawa, Shoichi | Muroran IT |
| Kivinen, Tero | Self Employed |
| Kohno, Ryuji | YNU; YRP-IAI |
| Koundourakis, Michail | Samsung Cambridge Solution Centre |
| Krieger, Ann | US Department of Defense |
| Kuerner, Thomas | TU Braunschweig |
| Lalam, Massinissa | SAGEMCOM BROADBAND SAS |
| Lanante, Leonardo | Ofinno |
| Lansford, James | Farafir |
| Lee, Jack | Samsung Electronics Co., Ltd. |
| Lee, Jaegook | SAMSUNG ELECTRONICS |
| Levy, Joseph | InterDigital, Inc. |
| Li, Panpan | Huawei Technologies Co., Ltd |
| Li, Weiyi | Spreadtrum Communications USA, Inc. |
| Lim, Sang-Kyu | Electronics and Telecommunications Research Institute (ETRI) |
| Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| Luo, Xiliang | Apple Inc. |
| Ma, Jing | Toyota Motor Corporation |
| McCann, Stephen | Huawei Technologies Co., Ltd |
| Morioka, Hitoshi | SRC Software |
| Nagai, Yukimasa | Mitsubishi Electric Corporation |
| Nezou, Patrice | Canon Research Centre France |
| Nguyen, An | CISA/ECD |
| Park, Minyoung | Intel Corporation |
| Patel, Tushar | Teradyne, Inc. |
| Patwardhan, Gaurav | Hewlett Packard Enterprise |
| Petranovich, James | ViaSat, Inc. |
| Petrick, Albert | Skyworks Solutions Inc. |
| Powell, Clinton | Facebook |
| Prabhakaran, Dinakar | Broadcom Corporation |
| Qi, Yinan | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| QIAN, BIN | Huawei Technologies Co., Ltd |
| Rajashekar, Rakshith | Broadcom Corporation |
| Ratnam, Vishnu | SAMSUNG ELECTRONICS |
| Riegel, Maximilian | Nokia |
| Robert, Joerg | TU Ilmenau / Fraunhofer IIS |
| Rolfe, Benjamin | Blind Creek Associates |
| Rosdahl, Jon | Qualcomm Incorporated |
| Rosenzweig Arbel, Gil | Renesas Electronics Corporation |
| Roy, Rishabh | SAMSUNG ELECTRONICS |
| Sahyoun, Walaa | Canon Research Centre France |
| Sand, Stephan | German Aerospace Center (DLR) |
| Sevin, Julien | Canon Research Centre France |
| Sherlock, Ian | Texas Instruments Inc. |
| shi, shuyu | TP-Link |
| Shirakawa, Atsushi | SHARP CORPORATION |
| Stacey, Robert | Intel |
| Stanley, Dorothy | Hewlett Packard Enterprise |
| Strobel, Rainer | Maxlinear |
| Stuebing, Gary | Cisco Systems, Inc. |
| Sumi, Takenori | Mitsubishi Electric Corporation |
| Sun, Li-Hsiang | Mediatek Inc |
| SUZUKI, Shuntaro | Yamaha Corporation |
| Tseng, Yen Hsiung | MediaTek Inc. |
| Vaidya, Maulik | Charter Communications |
| Val, Inaki | MaxLinear, Inc. |
| Varshney, Prabodh | Nokia |
| Venkatesh, Narasimhan | Silicon Laboratories |
| Verenzuela, Daniel | Sony Group Corporation |
| Verso, Billy | Qorvo |
| VIGER, Pascal | Canon Research Centre France |
| Walk, Philipp | MOXZ GmbH |
| Wang, Huizhao | NXP Semiconductors |
| Wendt, Matthias | Signify |
| Yang, Haorui | China Mobile |
| Yang, Xun | Huawei Technologies Co., Ltd |
| Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| Yee, Peter | NSA-CSD |
| Zeng, Yan | Huawei Technologies Co., Ltd; Huawei Technologies France |
| Zhong, Ke | Ruijie Networks Co.,Ltd. |

End of Document