IEEE P802.18  
Radio Regulatory Technical Advisory Group (RR-TAG)

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| Radio Regulatory Technical Advisory Group Minutes  May 2025 Mixed-Mode IEEE 802 Interim Session 13 May 2025 | | | | |
| Date: 28 May 2025 | | | | |
| Author: | | | | |
| Name | Company | Address | Phone | email |
| Chenhe Ji | Huawei Technologies Co., Ltd. |  |  | Chenheji2016@gmail.com |

Abstract

This document constitutes the minutes of the IEEE 802.18 Radio Regulatory Technical Advisory Group for the May 2025 Mixed Mode IEEE 802 Interim Session, with on-site participants in Warsaw, Poland, and remote participants through Webex. "Local time" in this document means local time “Central Europe Time” (CET) zone.

**C:** means question or comment from participant.

**Chair:** means statement by the chair as chair.  
Highlight means action point.

Revisions:

* Rev 0: Initial version of the document.

Chair: Edward Au (Huawei)

Co-Vice-chairs: Gaurav Patwardhan (Hewlett Packard Enterprise) and Al Petrick (Jones-Petrick Associates)

Secretary: Chenhe Ji (Huawei)

IEEE SA Program Manager: Jodi Haasz (IEEE SA)

IEEE 802.18, RR-TAG website: <https://www.ieee802.org/18/> .

Chair: Edward Au (Huawei)

Co-Vice-chairs: Stuart Kerry (OK-Brit/Self) and Al Petrick (Skyworks Solutions)

Secretary: Amelia Andersdotter (Comcast)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

* IEEE 802.18, RR-TAG website: <https://www.ieee802.org/18/>

**Opening meeting – May 13, 2025**

1. **Opening formalities**
2. Chair calls the meeting to order at 10:30 AM ET. Quorum is asserted.
3. Agenda spreadsheet document [**18-25/0027r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-02-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx)**1** with supplementary materials in [**18-25/0028r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0028-05-0000-2025-may-rr-tag-supplementary-materials.pptx)**5.**
4. Group officers are present.
5. This meeting is part of the mixed mode IEEE 802 wireless interim session located in Warsaw, Poland, held at the Warsaw Presidential Hotel on May 11 to 16, 2025.

* You **must** pay the registration fee to attend.
* If you have not already done so, please register as soon as possible – Registration website at:

**https://touchpoint.eventsair.com/2025-may-ieee-802-wireless-interim-session/registration**

* If you do not intend to register for this session you must leave this meeting and, if you have logged attendance on IMAT, please email the 802.18 chair or a vice chair to have your attendance canceled. <https://imat.ieee.org/my-site/home>
* At conclusion of each of the 802.18 meetings, the Webex log and IMAT will be reviewed.
* No payment, become a deadbeat and lose voting rights in all groups, after 60-day grace.
* Chair presents and reviews Agenda (RR-TAG Opening tab) in document [**18-25/0027r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-02-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx)**2**.
  + - * **Motion #1 (Procedural):** To approve the agenda as shown in the “RR-TAG Opening Agenda” tab of the document [**18-25/0027r1**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-01-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx)**.**

Moved by: Pelin Salem

Seconded by: Chenhe Ji

Discussion: None

Vote: Approved with unanimous consent.

1. **Voter list update**Group officers and voting membership (at the opening meeting on 11 March 2025).   
   Voters: 68 (including 10 on LMSC)

Nearly Voters: 2

Aspirant members: 10

1. **Administrative items** 
   * + **Policies and procedures: Co-Vice Chair,** Gaurav Patwardhan, presented slides 7-12 in   
       document [**18-25/0028r5**](https://mentor.ieee.org/802.18/dcn/25/18-25-0028-05-0000-2025-may-rr-tag-supplementary-materials.pptx)**.**
   1. RR-TAG Policies & Procedures [[802 LMSC WG P&P](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0207-23-0PNP-ieee-802-lmsc-working-group-policies-and-procedures.pdf)]

IEEE 802 meeting and participant’s guidelines and requirements [[link](http://www.ieee802.org/devdocs.shtml)]

IEEE policies and procedures [[link](https://standards.ieee.org/about/policies/opman/)]

* 1. Reciprocal credit with IEEE 802.11 Working Group (WG) is granted for only the two meeting slots scheduled for IEEE 802.18 as per the agreement between the IEEE 802.11 and IEEE 802.18 chairs.   
       
     Gaurav Patwardhan asked for any press in the room to announce their presence.   
     No response, no comments from the group or WebEx.
  2. **Reminder that IMAT is being used for attendance.**

Online meeting procedures reminder.

Walk-through of session schedule.

* Gaurav Patwardhan asked the group if there are any questions relating to the IEEE policies.

No response, no comments from the group or WebEx.

1. **General business**  
   * **Minutes**  
     + Chair presents meeting minutes document [**18-25/0023r1**](https://mentor.ieee.org/802.18/dcn/25/18-25-0023-01-0000-rr-tag-march-2025-plenary-minutes.docx) from RR-TAG 2025 March  
       plenary session.
     + Chair asked the group if there are any questions. No response, no comments from the group or WebEx.

**Motion #2 (Procedural):** To approve the meeting minutes of the RR-TAG 2025 March plenary session as shown in the document [**18-25/0023r1**](https://mentor.ieee.org/802.18/dcn/25/18-25-0023-01-0000-rr-tag-march-2025-plenary-minutes.docx), with editorial privilege for the IEEE 802.18 Chair.

Moved by: Chenhe Ji

Seconded by: Pelin Salem

Discussion: None.

Vote: Approved with unanimous consent.

* + **Opening reports**

**Presentation of 802.18 opening report** [**18-25/0029r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0029-00-0000-2025-may-rr-tag-chair-opening-report.pptx)**0 ,** Edward Au (Chair)

1. **New business**

**Announcement**

* Steve Leach (Principal Spectrum Engineer, Ofcom) and Alberto Fernandes (Principal Policy Advisor, Ofcom)

are designated as specific individual experts on their respective topics and subject to the restrictions and benefits described in the IEEE 802 Operations Manual. Attendance is limited to the opening meeting timeslot of the 2025 May IEEE 802 interim in which the respective presentation is scheduled.

**Invited presentation**

* + - Steve Leach presents the document ([**18-25/0037r0**](https://mentor.ieee.org/802.18/dcn/25/18-25-0037-00-0000-moving-forward-with-6-ghz-band-for-commercial-mobile-and-wi-fi-services-update-on-uk-and-cept-progress.pdf)) to introduce update on UK and CEPT progress. The presentation included the latest proposals published by Ofcom to enable Wi-Fi and commercial mobile in the Upper 6 GHz band and to expand access for Wi-Fi services in the Lower 6 GHz band in the UK.
    - Chair asks the group if there are any questions. Discussions include database usage under the AFC mechanism and considerations for the next steps, as well as usage considerations for high-density and outdoor scenarios (universities, stadiums, etc.).

1. **Ongoing consultations**
   * **Status of Ongoing Consultations.** See documents [**18-25/0027r2**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-02-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx)  and [**18-24/0001**](https://mentor.ieee.org/802.18/dcn/24/18-24-0001-42-0000-status-of-ongoing-consultations-and-tag-documents-for-approval.docx)**r42**.
   * **Proposed response to the** **South Africa ICASA's consultation on Draft National Radio Frequency Plan**: See document [**18-25/0045r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0045-02-0000-proposed-response-to-south-africa-icasa-s-consultation-on-draft-national-radio-frequency-plan.docx)**2**
     + Pelin Salem (Cisco systems) presents the document ([**18-25/0045r2**](https://mentor.ieee.org/802.18/dcn/25/18-25-0045-02-0000-proposed-response-to-south-africa-icasa-s-consultation-on-draft-national-radio-frequency-plan.docx)) to introduce response to South Africa ICASA's consultation on Draft National Radio Frequency Plan.
     + Chair informs the group, Direct Vote Live (DVL) will be used to record all technical motions. Co-Vice Chair Gaurav Patwardhan moderates DVL.

**Motion #3 (Technical):** Move to approve document [**18-25/0045r2**](https://mentor.ieee.org/802.18/dcn/25/18-25-0045-02-0000-proposed-response-to-south-africa-icasa-s-consultation-on-draft-national-radio-frequency-plan.docx) in response to the Independent Communications Authority of South Africa (ICASA)’s consultation “Draft Regulations on the National Radio Frequency Plan”, for review and approval by the IEEE 802 LMSC for submission to the ICASA before the contribution deadline. The IEEE 802.18 Chair is authorized to make editorial changes as necessary.

Moved: Pelin Salem

Seconded: Dorothy Stanley

Discussion: None

Result: Approved (12 Yes, 4 No, 3 Abstain)

NOTE: The Chair did not vote

* + **Draft response to South Africa ICASA’s consultation re dynamic spectrum access:** See document [**18-25/0050r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0050-00-0000-proposed-response-to-south-africa-icasa-s-consultation-on-draft-regulations-on-dynamic-spectrum-access.docx)**0**
    - Pelin Salem (Cisco systems) presents the document ([**18-25/0050r0**](https://mentor.ieee.org/802.18/dcn/25/18-25-0050-00-0000-proposed-response-to-south-africa-icasa-s-consultation-on-draft-regulations-on-dynamic-spectrum-access.docx)) to introduce response to South Africa ICASA's consultation re dynamic spectrum access.
* Chair asked the group if there are any questions or comments. There were many discussions about access mechanism questions related to add ETSI BRAN’s description of this issue as a reference.
  + - Chair asked the group for AOB. No response from the group or WebEx.

1. **Recessed at 12:26 PM CET local time (until Thursday AM1, May 15, 2025)**

**Closing meeting – May 15, 2025**

1. **Opening formalities**
   * Chair calls meeting to order at 8:00AM ET. Quorum is declared.
     + Agenda spreadsheet document [**18-25/0027r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-02-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx)**2** with supplementary materials  
       in [**18-25/0028r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0028-05-0000-2025-may-rr-tag-supplementary-materials.pptx)**5**.
   * Officer introduction.
   * Reminder of registration fee was presented.
   * Reminder of recording attendance. IMAT is used for this session.
   * Chair presents and reviews Agenda (RR-TAG Closing tab).

* **Motion #4 (Procedural):**  To approve the agenda as shown in the “RR-TAG Closing Agenda” tab of the document [**18-25/0027r2**](https://mentor.ieee.org/802.18/dcn/25/18-25-0027-02-0000-rr-tag-2025-may-wireless-interim-agenda.xlsx).

Moved: Al Petrick

Seconded: Gaurav Patwardhan

Discussion: None.

Vote: Approved with unanimous consent

1. **Administrative Items**
   * + **Policies and procedures** Co-Vice Chair, Gaurav Patwardhan, presented slides 36-40 in document [**18-25/0028r5.**](https://mentor.ieee.org/802.18/dcn/25/18-25-0028-05-0000-2025-may-rr-tag-supplementary-materials.pptx)
       - IEEE 802 required notices
       - Declaration of affiliation
       - Anti-trust notices
       - IEEE 802 WG policies and procedures
     + Guidelines for IEEE SA meetings were introduced.
       - Reminder to object when inappropriate topics are discussed.
       - IEEE 802 Code of Conduct and Code of Ethics were introduced.
       - Reminder of the IEEE SA individual process applied in IEEE 802 Committee.
       - Reminder of IEEE SA board bylaws specifying fair and equitable consideration of all viewpoints.
     + Gaurav Patwardhan asked the group for comments, questions, or concerns. No response from the group or WebEx.
       - Reminder of housekeeping and meeting decorum.
       - IMAT is used for this session. <https://imat.ieee.org/my-site/home>
       - Reminder of Reciprocal credit.
     + Chair asked the group if there are any questions or comments. No response from the group or WebEx.
2. **General discussion items**
   * + **ETSI BRAN**
       - ETSI TC BRAN meeting, May 2025 update (see document [11-25/0048r0](https://mentor.ieee.org/802.18/dcn/25/18-25-0048-00-0000-etsi-tc-bran-may-2025-update.pptx))was presented by Guido R. Hiertz (Ericsson). Updates included
         * Status of EN 303 687 (6 GHz)
         * Official Journal of the EU
         * Discussion on Commission Implementing Decision EU 2025/893 (https://eur-lex.europa.eu/eli/dec\_impl/2025/893/oj/eng)

EN 303 687 v1.1.1 does not sufficiently address narrowband devices, therefore does not confer a presumption of conformity for those devices.

EN 303 687 v1.1.1 does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if its clause B.7.2 is applied, and clause B.7.2 contains essential signals for testing conformity of WLAN equipment.

In both cases, a notified body must be involved for declaration of conformity.

* + - **Middle East**
      * Chair presents the final version of the position paper “Position Paper on IoT and M2M in Qatar” published by CSA.
    - **Asia Pacific**
      * Chair presents the decision published by Vietnam MIC on 31 March 2025 to proceed with the proposal to allocate 5925 MHz to 6425 MHz for indoor and outdoor license-exempt Wi-Fi operation.

1. **Ongoing consultations**
   * + **South Africa ICASA’s consultation re dynamic spectrum access: UAE TDRA’s consultation：Draft regulations on dynamic spectrum access and opportunistic spectrum management in the innovation spectrum 3800-4200 MHz and 5925-6425 MHz** 
       - Chair asks the group if there are any comments or questions. There were more discussions around whether to include a mandatory spectrum access mechanism for ISFR 2 in the draft response. Whether to adopt the new mandatory access mechanism or the original LBT mechanism is divided in the discussion.
     + **Status of ongoing consultations**
       - Chair presents the status of ongoing consultations and upcoming deadlines to the group and reminds the group on the deadline of the outstanding consultations.
2. **Closing formalities**
   * **Future RR-TAG meeting**Chair refers to document [**18-25/0028r**](https://mentor.ieee.org/802.18/dcn/25/18-25-0028-05-0000-2025-may-rr-tag-supplementary-materials.pptx)**5** slides 52-53 for details on weekly conference calls and July 2025 plenary dates, and registration.

1. **Any other business**
   * Chair asked the group for any other business. No response, no comments from the group or WebEx.

* + Chair reminded the group to register and log into IMAT.

**Adjourn at 09:38 AM CET local time.**

**ATTENDANCE LIST (Interim Attendance Names and Affiliations):**

| **Participant** | **Affiliation** |
| --- | --- |
| Thomas Gee | Qorvo |
| Josef Gruber | Infineon Technologies |
| Wolfgang Kuechler | NXP Semiconductors |
| Massinissa Lalam | SAGEMCOM SAS |
| James Lansford | Farafir, SRL |
| Mickael Maman | STMicroelectronics |
| Stephen McCann | Huawei Technologies Co., Ltd |
| Toshizo Nogami | SHARP CORPORATION |
| Riku Pirhonen | NXP Semiconductors |
| Atsushi Shirakawa | SHARP CORPORATION |
| Stuart Strickland | Hewlett Packard Enterprise |
| Masanori Uno | e-trees.Japan,inc |
| Lichen Yao | Holst Centre / IMEC-NL |
| Jaegook Lee | SAMSUNG ELECTRONICS |
| Edward Au | Huawei Technologies Co., Ltd |
| Tuncer Baykas | Self |
| David Boldy | Broadcom Corporation |
| William Carney | Sony Corporation |
| Rolf de Vegt | Qualcomm Incorporated |
| Marc Emmelmann | Self |
| Yonggang Fang | MediaTek Inc. |
| Tim Godfrey | Electric Power Research Institute, Inc. (EPRI) |
| Guido Hiertz | Ericsson GmbH |
| Tetsushi Ikegami | Meiji University |
| Mohamed Sufyan Islim | pureLiFi |
| Timothy Jeffries | FutureWei Technologies, Inc. |
| Chenhe Ji | Huawei Technologies Co., Ltd. |
| Shugo Kajita | Space-Time Engineering Japan Inc. |
| Arata Kato | Space-Time Engineering Japan, Inc. |
| Shoichi Kitazawa | Muroran Institute of Technology |
| Alex Krebs | Apple |
| Mark Krischer | Cisco |
| Frank Leong | NXP Semiconductors |
| Huan‐Bang Li | National Institute of Information and Communications Technology (NICT) |
| Dries Neirynck | Ultra Radio Ltd |
| Gaurav Patwardhan | Hewlett Packard Enterprise |
| Al Petrick | Skyworks Solutions Inc. |
| Fabrice Portier | Silicon Labs |
| Joerg Robert | TU-Ilmenau/Fraunhofer IIS |
| Benjamin Rolfe | Blind Creek Associates |
| Pelin Salem | Cisco |
| Stephan Sand | German Aerospace Center (DLR) |
| Ian Sherlock | Texas Instruments |
| Robert Stacey | Intel Corporation |
| Dorothy Stanley | Hewlett Packard Enterprise |
| Gary Stuebing | Cisco Systems |
| Takenori Sumi | Mitsubishi Electric Research Laboratories (MERL) |
| Billy Verso | Qorvo |
| Lei Wang | FutureWei Technologies, Inc. |
| Larry Zakaib | Spark Microsystems |

**End.**