**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Minutes of the SG Next Gen SUN Mar. 2024 Plenary** | |
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| Re: |  | |
| Abstract | [] | |
| Purpose | [Information to WG] | |
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# Minutes of the IEEE 802 SG Next Gen SUN Mar. 2024 Plenary

Author: Joerg Robert

**Agenda (DCN 15-24-0151-01):**

Monday PM2:

1. Policies and guidelines
2. Approval of the agenda
3. Meeting Minutes
4. Use-cases and requirements
5. Recess

Tuesday AM1:

1. Use-cases and requirements
2. FCC Requirements
3. Channel Models
4. Recess

Tuesday PM1:

1. FCC Requirements
2. Channel Models
3. Timeline
4. Call for Contributions
5. Recess

Wednesday PM2:

1. Timeline
2. Call for Contributions
3. Next Steps
4. AoB
5. Adjourn

**Officers:**

* Chair and meeting minutes: Joerg Robert (TU Ilmenau / Fraunhofer IIS)

**Monday PM1:**

**Start: Mar. 11, 2024**

The chair (Joerg Robert) calls the meeting to order at 1:35pm

1. **Policies and guidelines**
   1. The chair goes through the IEEE patent policy, copyright policy, and the participant behavior
   2. The chair asks for potentially essential patents. There is no response from the group.
2. **Agenda**
   1. The proposed agenda is approved by unanimous consent.
3. **Minutes**
   1. Meeting minutes in 15-24-83/r0
   2. The group approves the minutes by unanimous consent
   3. Telco minute in 15-24-119/r0
   4. The group approves the telco minutes by unanimous consent
4. **Discussion of use-cases and requirements**
   1. The group edits the Next Gen SUN Phy use-cases document (DCN 15-23-625/r6)
   2. There are concerns about the high-rate video use-cases
   3. Additional presentations on higher rates and FSK parameters, and OFDM parameters will be provided for the next day
5. **The chair recesses the meeting**

**End: 3:00pm**

**Tuesday PM2:**

**Start: Mar. 12, 2024**

The chair (Joerg Robert) calls the meeting to order at 4:05pm

1. **Presentation of 15-24-0164/r0 on sensitivity definitions in SUN PHYs**
   1. The group agrees on the values given in the presentation
2. **Presentation of 15-24-0054/r1 on the Texas Instruments proposal**
   1. Details on the FCC frequency regulation are given on slide 3
   2. The grid of proprietary FSK signals is unknown, SUN uses a defined channel structure
   3. CSS systems will occupy a bandwidth of 500kHz
3. **Presentation of 15-24-170r0 on frequency regulation in Japan**
   1. Different channels masks and regulatory conditions for Japanese frequency bands are presented
4. **The chair recesses the meeting**

**End: 5:20pm**

**Wednesday PM1:**

**Start: Mar. 13, 2024**

The chair (Joerg Robert) calls the meeting to order at 1:40pm

1. **Call for potentially essential patents**
   1. No response from the group
2. **Presentation of 15-24-176r1 on channel masks in Europe**
   1. New system shall fall under existing ETSI Harmonized Standards in Europe
   2. Details for sub-GHz bands is defined in documents ETSI EN 300 220 - X
3. **The chair recesses the meeting**

**End: 3:25pm**

**Thursday PM1:**

**Start: Mar. 14, 2024**

The chair (Joerg Robert) calls the meeting to order at 1:35pm

1. **Call for potentially essential patents**
   1. No response from the group
2. **Discussion of the technical guidance document 15-24-61r0**
   1. Group edits specific parameters
   2. Additional work required during the next meetings
3. **Telephone conference schedule and future timeplan**
   1. Group agrees on proposed telephone conference schedule and exisiting timeplan
   2. Plans for the Warsaw meeting is discussed
4. **The chair adjourns the meeting**

**End: 2:30pm**