**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 Phy Teleco on Feb. 07, 2024** | |
| Date Submitted | [07 February, 2024] | |
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| Re: |  | |
| Abstract | [This document contains the minutes of the December 7, 2023 Next Gen SUN PHY telephone conference] | |
| Purpose | [Information to WG] | |
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# Minutes of the IEEE 802 SG Next Gen SUN Phy Telco, Feb. 07, 2024

Author: Joerg Robert

**Agenda (DCN 15-24-0106-0):**

1. Policies and guidelines
2. Approval of the agenda
3. Discussion of use-cases and requirements
4. Discussion of channel models
5. AoB

**Officers:**

* Chair and meeting minutes: Joerg Robert

**Start: Feb. 7, 2024, 4:05pm CET**

The chair (Joerg Robert) calls the meeting to order at 3:05pm CET

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. There is not input on channel models.
   2. The proposed agenda is approved by unanimous consent.
3. **Discussion of use-cases and requirements**
   1. The group edits the Next Gen SUN Phy use-cases document (DCN 15-23-0625-04-04ad)
   2. Main topic of the discussions are the requirements for the Multimedia and Lowres-Videos use-case.
   3. There was consensus that the new specification has to especially operate in congested license-exempt bands. Further, the system should offer a reliable communication channel if 802.11 is not able to operate due to weak signal strength.
4. **AoB**
   1. The group decides to have one additional telephone conference on Feb. 21, 10am ET.

The chair adjourns the meeting at 4:10pm CET.

**End: 4:10pm CET**

**Attendees:**

* Joerg Robert (TU Ilmenau/Fraunhofer IIS)
* Ravi Ichapurapu (Amazon)
* Thomas Almholt (Texas Instruments)
* Arvind Kandhalu (Amazon)
* Sangsung Choi (KMU)
* Hiroshi Harada (Kyoto University)