IEEE P802.15
Wireless Specialty Networks

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| IEEE P802.15.13TG13 CRG Telco minutes from May to July 2022 |
| Date: 2022-07-14 |
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Abstract

# This document contains the TG13 Multi-Gigabit/s Optical Wireless Communications Telco minutes from May to July 2022.

**Monday, May 30, 2022, 5 a.m. ET / 11 a.m. CET / 6 p.m. KT**

**Attendance:**

* Volker Jungnickel (Fraunhofer HHI)
* Kai Lennert Bober (Fraunhofer HHI)
* Tero Kivinen (Self)
* Sang-Kyu Lim (ETRI)
* Chong Han (PureLiFi)
* Tuncer Baykas (Kadir Has University)

**Minutes:**

1. The Technical Editor, Kai Lennert Bober (Fraunhofer HHI), called the meeting to order at 05:00 a.m.(ET) because the Chair, Volker Jungnickel (Fraunhofer HHI), could not join the call yet.
2. The Technical Editor, Kai Lennert Bober (Fraunhofer HHI) brought the patent slide in Meeting Agenda (15/22-0230r2) to the screen, and then he announced the patent policy. There was no response.
3. The CRG started comment resolution. First, the Technical Editor opened the document 15-22-0183/r2 to resolve the comments related to PICS issue, and he briefly reported the main changes in the document. Then, he asked if the CRG had any questions for the document and more discussion was needed. There was no response.
4. So, the comments shown below were resolved and their resolutions were fixed.
* R2-60 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-61 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-62 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-63 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-64 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-65 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
* R2-66 : Revised and see the doc. 15-22-0183/r2 and 15-22-0045/r15 for details.
1. The comment, R2-67, has still been assigned to Chong Han.
2. CRG Motion to accept SA ballot 2nd recirculation comment resolutions:

*Move to accept comment resolutions in doc. 15-22-0045/r15 and authorize the Technical Editor to create TG13 D7.0 draft*

* Moved by : Tero Kivinen
* Seconded by : Volker Jungnickel
* Motion passed

The meeting recessed.

**Monday, June 20, 2022, 5 a.m. ET / 11 a.m. CET / 6 p.m. KT**

**Attendance:**

* Volker Jungnickel (Fraunhofer HHI)
* Kai Lennert Bober (Fraunhofer HHI)
* Tero Kivinen (Self)
* Sang-Kyu Lim (ETRI)
* Chong Han (PureLiFi)
* Tuncer Baykas (Kadir Has University), only shortly

**Minutes:**

1. The TG13 Chair, Volker Jungnickel (Fraunhofer HHI), called the meeting to order at 05:00 a.m.(ET).
2. Major topic is to go through latest version of doc. 15-22/0069r7.
3. Chong explained the changes she has applied since last week.
4. Lennert and Chong discussed the duplexing method again. Volker mentioned that there could be a coordinator operating in full duplex while devices run in half duplex mode.
5. Tero joined the discussion. It was found that in Fig. 13 in the document, a gap needs to be introduced between the two boxes Poll Device 1 and Dataframe 2 at the Coordinator, during which the Poll response for device 1 can be transmitted, to do the same in half duplex operation.
6. It was clarified that the examples in Fig. 13 and Fig 16 are not related to each other.
7. Volker suggested to draw the same protocol sequence but show how this can be realized in
8. half duplex
9. mixed half-and-full duplex at the device and the coordinator, respectively, and
10. in full duplex mode.
11. Tero suggested also to draw two figures like Fig. 16, one each for half and full duplex mode.
12. Lennert and Chong discussed timing issues clause 7.6.2. “…the interval provides a duration **in microseconds**…”
13. The discussion continued and implementation-specific issues were discussed. How long the gaps need to be? The IFS should be around 3 microseconds, according to Chong.
14. The meeting recessed.