**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | IG HRRC meeting minutes | |
| Date Submitted | 10 November, 2015 | |
| Source | [Bing Hui; Junhyeong Kim] [ETRI] [218 Gajeong-ro, Yuseong-gu, Daejeon, 305-700, KOREA] | Voice: [+82-42-860-5324] Fax: [+82-42-860-6732] E-mail: [huibing@etri.re.kr] |
| Re: | [] | |
| Abstract | [Meeting minutes for the November meeting of IEEE P802.15 IG HRRC] | |
| Purpose | [] | |
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IEEE 802.15 Working Group

Interest Group HRRC: *High Rate Rail Communications*

Meeting (joint with 802.16 Working Group)

Tuesday 10 Nov. 2015, PM1

Meeting Chair: Junhyeong Kim, ETRI

Secretary: Bing Hui, ETRI

**Minutes**

* Call to order at 13:33 PM
  + The chair called the meeting to order. 9 people attended the meeting.
* The chair reviewed the IEEE-SA patent policy relevant to pre-PAR activities.
* Roll call to register the presence
* The chair called to approve the proposed meeting agenda (IEEE 802.15-15-0847-00).
  + No comment heard from the attendees
* The previous meeting minutes has been approved without additional comment. (IEEE 802.15-15-0688-01).
* Contribution #1: “Ray-tracing based Study on Mobile Channel in Typical Urban Environment with Various Beamforming Strategies at 32 GHz” was presented by Junhyeong Kim of ETRI (IEEE 802.15-15-0837-00).
  + Prof. Ke Guan of BJTU cannot attend this IG HRRC meeting, therefore his contribution was presented by Junhyeong Kim of ETRI.
  + Harry Bims asked about the DU-RU deployment in the presentation. What will happen when the train goes through the curve instead of going straightforward? Junhyeong Kim of ETRI responded that the issue will be considered later.
  + Harry Bims asked for the number of rays in the ray-tracing simulator.
* Contribution #2: “Handover Strategy for High-speed Rail Communications” was presented by Bing Hui of ETRI (IEEE 802.15-15-0839-00).
  + Junhyeong Kim of ETRI recommended the implementation difficulty of the HO strategy for head antenna.
* The chair asked for the discussions and comments on IG HRRC.
  + The model of straight line is too simple, Harry Bims thought that the problems when the train is traveling in curve should be well considered.
* The chair suggests to cancel the 2nd time slot of HRRC meeting in this week.
* Follow-up Plans
  + Harry Bims asked about the test status of ETRI for HRRC.
  + The chair suggests to skip the HRRC meeting in next interim meeting and one slot will be requested in the next IEEE Plenary Session in March 2016.
* Adjourned: meeting is adjourned at 14:42.

Participants of IG HRRC Meeting:

Bing Hui ETRI

Junhyeong Kim ETRI

Hee-Sang Chung ETRI

Walter Pienciak IEEE

Harry Bims Bims Laboratories

Youing-Hoon Kim ETRI

Moon-sik Lee ETRI

Bob Heile Wi-SUN Alliance

Roger Marks EthAirNet Associates