**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | IG HRRC meeting minutes | |
| Date Submitted | 16 March, 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 March meeting of IEEE P802.15 IG HRRC] | |
| Purpose | [] | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

IEEE 802.15 Working Group

Interest Group HRRC : *High Rate Rail Communications*

Meeting (joint with 802.16 Working Group)

Tuesday 10 March 2015, PM2

Meeting Chair: Junhyeong Kim, ETRI

Secretary: Bing Hui, ETRI

**Minutes**

* Call to order at 16:09 PM
  + The chair called the meeting to order. 12 people attended the meeting.
* The chair reviewed the IEEE-SA patent policy relevant to pre-PAR activities.
  + Roger gives comments on the patent slides which should be shown before the meeting.
  + Jonathan of IEEE-SA shows the patent slides which is proper to be shown in the IG meeting.
* Roll call to register the presence
* The chair called to approve the proposed meeting agenda (IEEE 802.15-15-0147-02).
  + Roger gives comments about the order of meeting agenda, the chair modified the meeting agenda based on Roger’s comments.
* The previous meeting minutes has been approved without additional comments. (IEEE 802.15-15-0062-00).
* Contribution #1: “Introduction to Taiwan High Speed Rail Broadband Systems” was presented by Ching-Tarng Hsieh of ITRI (IEEE 802.15-15-0035-01-HRRC).
  + Roger asked the details about the parameters of distance and angel in the figures.
  + JunHwan Lee of ETRI asked about the possibility of the adoption of adaptive PC and MCS for fast-varying channel environment
  + Some discussions on directional antennas.
  + Questions remaining on the intra-HO and inter-HO, also the definition of sectors.
* Contribution #2: “IG HRRC (High Rate Rail Communications) Call for Participation (CFP)” was presented by Bing Hui of ETRI (IEEE 802.15-15-0152-00).
  + Roger asked about the terminology of “hotspot”.
  + Roger asked for the amendment of CFP about the bandwidth region. (sub6GHz and mmWave)
* The chair asked for the discussions and comments on IG HRRC.
  + Roger suggests preparing the materials based on the customers.
  + Ching-Tarng Hsieh suggests inviting someone from China.
  + Alaa mentioned that some German companies are working on the rail communications related.
* Follow-up Plans
  + Will be discussed with Bob at the AC meeting on next morning, 7 AM.
  + Request for slot in next IEEE Session
* Adjourned: meeting is adjourned at 17:42.

Participants of IG HRRC Meeting:

Gary Stuebing CISCO

Diego Vicentin university of Campinap

Jonathan Goldberg IEEE-SA

Harry Bims Bins Laboratories

JunHwan Lee ETRI

Roger Marks EthAirNet Associates

Alaa Mourad BMW Group

Hee-Sang Chung ETRI

Ching-Tarng Hsieh ITRI

Bing Hui ETRI

JunHyeong Kim ETRI

Bob Heile