**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 | 16 March, 2015 | |
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| Re: | [] | |
| Abstract | [Meeting minutes for the March 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 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 Campinas

Jonathan Goldberg IEEE-SA

Harry Bims Bims Laboratories

JunHwan Lee ETRI

Roger Marks EthAirNet Associates

Alaa Mourad BMW Group

Hee-Sang Chung ETRI

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JunHyeong Kim ETRI

Bob Heile Wi-SUN Alliance