
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)		
Title	Memo of Tele-Conference Call for TG3c, 2008 Apr 22nd		
Date Submitted	[22 nd April, 2008]		
Source	[Chin-Sean Sum] [NICT] [Yokosuka,Japan]	Voice: [] Fax: [] E-mail: sum@nict.go.jp	
Re:			
Abstract	Minutes of the Apr 22 nd teleconference		
Purpose	Minutes of the Apr 22 nd teleconference		
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Memo of Tele-Conference Call for TG3c, 2008 Apr 22nd

Date: Apr 22nd, 2008, 10.00pm in JST

Attendees:

James Gilb (SiBeam), Reed Fisher (OKI), Huai-Rong Shao (Samsung), Wei Cui (Nokia), Brian Gaffney (Decawave), Vered Bar, Noam Livneh (Qualcomm), Bruce Bosco (Motorola), Paul Strauch (Realtek), Robert Stacey (Intel), Raymond Yu Zhan (Panasonic), SeokHo Kim (Inha University), Makoto Noda, Hiroyuki Yamagishi, Keitarou Kondou (Sony), Andre Bourdoux (IMEC), Shuzo Kato, Hiroshi Harada, Akio Iso, Fumihide Kojima, Zhou Lan, Chang-woo Pyo, Junyi Wang, Mohammad Azizur Rahman, Chin-Sean Sum (NICT)

Next Meeting:

7 May 2008, 2200 PDT. 8 May 2008, 0700 KST/JST. 8 May 2008, 0000 Brussels
(The meeting initially scheduled on 29 April in PDT and 30 April in KST/JST is canceled.)

Action Items:

1. J.Gilb will prepare a document for the discussions on how to handle the different aggregation and retransmission procedures for SC, HSI and AV-OFDM.
2. J.Gilb will prepare a document on specific examples of AV-OFDM retransmission procedure.
3. J.Gilb will check and state clearly the preamble that is going to be used in the omni LRP.
4. J Gilb will check if the HCS is clearly defined in the baseline document.

What discussed:

- 1 NICT presents the questions and comments on AV-OFDM MAC, doc. 08/243r1.
- 2 Discussion with J.Gilb on the doc. 08/243r1:
 - 2.1 Comment 1: J Gilb will provide clear descriptions on the preamble of the omni LRP frame.
 - 2.2 Comment 2: The transmitter shall select the LRP mode to be used for the omni LRP frame. The receiver will be informed of the selected MCS based on the information in the preamble. The decision of the transmitter is implementation dependant.
 - 2.3 Comment 3: Only the omni LRP is used in the CAP. J.Gilb will check and describe clearly the preamble that is going to be used in the omni LRP.
 - 2.4 Comment 4: Association and disassociation may choose different LRP rates from the beacon frame.
 - 2.5 Comment 5: An ACK frame shall use the same data rate with that of the preceding frame. The data rates shall be the same as defined in 802.15.3b.
 - 2.6 Comment 6: All MAC header, HCS and payload shall have the same data rate. J Gilb will check if the HCS is clearly defined in the baseline document.
 - 2.7 Comment 7: Data rate used for the HRP header is defined in DF2 12.4.3, which is

- HRP mode 0.
- 3 Unification of SC, HSI and AV-OFDM aggregation and retransmission procedures
 - 3.1 J.Gilb stated that the unification for the aggregation procedures is difficult. However, effort can be put on developing ways to handle two different types of aggregation procedures.
 - 3.2 The two types of aggregation procedures are:
 - 3.2.1 MSDU aggregation (MAC level aggregation)
 - 3.2.2 MPDU aggregation (PHY layer aggregation)
 - 3.3 J.Gilb will provide clear descriptions on how to handle the different aggregation and retransmission procedures.
 - 3.4 J.Gilb will prepare a document on specific examples of AV-OFDM retransmission procedure.