

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Frame structure adhoc – Minutes of the second conference call</b>	
Date Submitted	<b>2007-04-26</b>	
Source(s)	Mike Hart Chair, Frame structure adhoc Fujitsu Laboratories of Europe Ltd Hayes Park Central Hayes Middx, UB4 8FE, UK	Voice: +44 20 8606 4523  <a href="mailto:mike.hart@uk.fujitsu.com">mike.hart@uk.fujitsu.com</a>
Re:		
Abstract	Minutes of the second conference call of the Relay TG's Frame Structure Adhoc, held on 20 April 2007.	
Purpose	Information	
Notice	This document has been prepared to assist IEEE 802.16. 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 grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.	

## Frame Structure Adhoc: Minutes of the second conference call

Mike Hart

Date and Time: Thursday 20 March 2007, 22:00 GMT

### Attendance:

Chair: Mike Hart

Vice-chair: Dorin Viorel

Participants: ChangYoon Oh  
David Comstock  
Dorin Viorel  
Frank Ren  
Gokhan Korkmaz  
Hang Zhang  
Junhong Hui  
Ken Loa  
Peiying Zhu  
Rakesh Taori  
Teo  
Sunil Vadgama  
Kyu Ha Lee  
Jae Hyung Eom  
Young-jae Kim  
Sunggeun Jin  
Hongyun Qu

### Minutes:

The meeting started at 22:07 GMT on 19 April 2007 with Mike Hart acting as chair and Dorin Viorel as vice-chair. The agenda emailed on 17 April 2007 was reviewed. Ken Loa requested that his deferred and new contributions be dealt with first as he needed to leave the conference call early. There was no objection.

#### 1. Roll call

The participants listed above identified themselves as participating in the meeting.

#### 2. Review of Ken Loa's deferred contributions & comments

07/179: The chair proposed to the group that the adhoc recommend to the TG that 07/179r6 be accepted. There was no objection raised.

07/255: The author informed the adhoc that this contribution was still under revision. Current plan is to release 07/255r1 on Monday and circulate on adhoc mailing list. Peiying informed the group that Gamini Senarath had raised some concerns regarding whether some of the elements of the message were more relevant for the configuration message. Ken noted that he is working with Gamini and these comments will be reflected in the revision.

Action: Ken to circulate r1 when it is ready.

### 3. Review of Ken Loa's new contributions & comments

07/269: The author introduced the latest revision of the contribution 07/269r1 which proposes a new RS definition for the case of one type of RS in a virtual group. Mike raised some concerns about the need to introduce a new frame structure. Peiyong pointed out that it is not really introducing a new frame structure but just a reference to say that the new RS uses an existing frame structure.

Action: Mike to send comments on adhoc mailing list.

07/270 and 07/271 were not dealt with as Ken had to leave the conference call, they remain deferred to be dealt with at a later date.

### 4. Review of remaining deferred contributions & comments

07/235: Peiyong has some minor comments and has sent them to Changyoon, due to some confusion they had not been considered. Changyoon will now consider them. Ken Loa had sent an email with some comments on the latest 07/235r2 and Rakesh will consider these.

Action: Rakesh to reply to Ken's comment within 1 working day.

Action: Changyoon to consider the comments Peiyong sent by email.

07/162: Some concerns raised regarding this contribution from Dorin & Peiyong. Peiyong advised them to review the baseline and comment on the problems with the schemes in the baseline.

Action: Dorin to send his concerns to the adhoc group by email.

Action: Junhong to review baseline and inform adhoc as to why 07/162 is needed.

07/090: Hang Zhang informed the adhoc that 07/090r4 is available. Hang had received one comment from Matty Levanda by email proposing that the Sub-MAP be used instead. Hang noted that her opinion is it will serve one of the problems addressed by 07/090r4 but does not address all of the issues being addressed. Rakesh explained that reuse of the existing MAP messages should be allowed in the relay link and consequently his position is that the existing MAP should also be supported.

Action: Hang to respond to Matty's email.

Action: Mike will send email to adhoc on behalf of Rakesh's to convey his comments to the adhoc as he mentioned he may not get a chance to do this.

### 5. Review of draft adhoc recommendations

The chair reviewed the three adhoc recommendations put forward so far. These are:

- 07/179r6: Accept
- 07/215: Supersede by 07/266 & 07/156
- 07/265: Supersede by 07/144

No objections were raised to these recommendations being made by the adhoc to the TG.

### 6. Presentation & discussion on the remaining new contributions

The chair asked that each author briefly introduce each contribution referring to the baseline as to why the modification or feature is required.

07/276: Rakesh, Peiyong & Mike raised their individual concerns that they could not understand why this contribution is needed when considered in conjunction with the baseline (802.16j-06/026r3). Mike indicated that the only open item relating to signaling being taken care of in 07/276 is being addressed in 07/235. The author was request to review their contribution and point out exactly what the problem in the baseline is and clarify why 07/276 is required, considering the 07/235 contribution being considered in the adhoc.

Action: 07/276 author to review the baseline and 07/235 and clarify why the proposed signaling is required.

07/277: Hang Zhang informed the adhoc that she is working with some of the authors of contributions that proposed the RS configuration signaling in session #48 to clean up the text in 802.16j-06/026r3, including the relay amble configuration. The chair suggested that 07/277 being deferred pending this work being completed so that 07/277 can be reviewed in light of the proposed modifications to the current signaling. The authors agreed to defer 07/277 pending submission of Hang's contribution to the TG. The chair noted that maybe the frame structure adhoc could look into this new contribution planned by Hang, as whilst it relates to contributions that came under network entry and hence does not come under any of the current adhoc, it will need harmonization with 07/277.

07/278: The chair requested the author to submit a revision with clear mark-up to indicate that their intention is to replace the current text in the baseline. Dorin raised a number of technical concerns and requested that as this contribution is replacing existing text that the authors provide some simulation results to indicate the problems with the existing solution.

Action: Dorin to send list of technical concerns to the adhoc group.

Action: Authors to consider generating some simulation results to demonstrate problems with current solution and benefit of the proposed change.

07/280: Dorin requested the authors to update the contribution to justify why the new frame structure is needed. Mike also shared concerns that it is not really required.

Action: Mike to send an email to the authors to ask them to clarify why this is required relative to what is in the current baseline.

07/279: The chair informed the author of 07/279 the reasons that the authors of 07/006 withdrew their contribution because in the session #47 meeting, whilst there was no objection to the concept, concerns were raised that 07/006 did not provide enough details to realise the shared RS concept and therefore it was impossible to appreciate how it can be supported. The chair confirmed these points with Peiyong, who was one of the people who raised the original concerns. The author was asked to note these comments and consider updating 07/279 to prevent the same concerns being raised against 07/279 in the future.

At 23:23 GMT the chair asked if there was any objection to extending the conference call by approximately 20 minutes. No objection was raised.

The remaining new contributions were not dealt with on the conference call due to lack of time.

## **7. Actions for dealing with the new contributions**

The chair reviewed the actions on the contributors, as listed under the notes relating to agenda items 2, 3, 4 and 6.

The chair explained that the adhoc will have another conference call next week to deal with the remaining new contributions, as well as review the status and any new adhoc recommendations.

Action: Chair will schedule conference call for next Friday.

The chair requested that the adhoc members continue to discuss the deferred contributions still open as well as the new contributions dealt with on the adhoc conference call on the reflector.

The chair reminded authors of 07/271, 07/294, 07/295 and 07/296 that they need to make sure they upload comments. The authors of 294, 295 and 296 confirmed they have already done this.

Action: Chair to send email to authors of 07/271 as they had left the conference.

Peiyang pointed out that authors who have already submitted comments either into session #48 or before the adhoc contribution deadline do not need to submit comments again.

The conference call was adjourned at 0:55 GMT.