

Session #49 802.16 Relay TG Opening Remarks and Session Agenda

IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:

IEEE 802.16j-07/015

Date Submitted:

2007-05-07

Source:

Mitsuo Nohara

Relay TG Chair, KDDI R&D Labs

3-10-10, Iidabashi, Chiyoda-ku, Tokyo 102-8460 Japan

Voice: +81 3 6678 6128

Fax: +81 3 6678 0457

E-mail: mi-nohara@kddi.com

Venue:

IEEE 802.16 Session #49, Portland, OR, USA

Base Document:

None

Purpose:

TG Meeting organization

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.

IEEE 802.16 Patent Policy:

The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <<http://ieee802.org/16/ipr/patents/policy.html>>, 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 <<mailto:chair@wirelessman.org>> 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 <<http://ieee802.org/16/ipr/patents/notices>>.

Session #49 802.16 Relay TG Opening Remarks and Session Agenda

7th Task Group Meeting on Multi-hop Relay in IEEE 802.16

Relay TG Chair Mitsuo Nohara

Vice Chair Peiyong Zhu

Technical Editor/Secretary Jung Je Son

Technical Editor Mike Hart

**IEEE802.16 Relay TG Meeting
07-10 May, 2007, Portland, OR, USA**

Remarks: Ad-hoc Groups

- **After the last March session, eight Ad-hoc Groups organized and worked to review comments deferred and newly submitted:**
 - **1. Frame Structure** **Chairs: Mike Hart and Dorin Viorel**
 - **2. Security** **Chair: Robert Sun**
 - **3. Mobility Management Sleep/Idle Mode**
Chair: David Comstock and Yuefeng Zhou
 - **4. HARQ** **Chair: Wen Tong and Young Bin**
 - **5. Routing and Path Management**
Chair: G-Q Wang and John Li
 - **6. MAC PDU Construction** **Chair: Jeffrey Tao**
 - **7. Measurement & Reporting**
Chair: I-Kang Fu and Wei Peng Chen
 - **8. Other MAC/Other PHY** **Chair: Peiying Zhu and Mike Hart**
- **Appreciate ad-hoc chairs and participants for their effort to cover the comments and provide their recommendations.**

Objectives of this 7th TG Meeting

- **To advance the development of the P802.16j Baseline Document (IEEE 802.16j-06/026r3)**
 - **Through the Comment resolutions (IEEE 802.16j-07/008r4 and 014r3,)**
 - **Referring to ad-hoc group reports and recommendations,**
 - **Considering the five Guideline Documents of:**
 - **Usage Models (IEEE 802.16j-06/015),**
 - **Definitions and Terminology (IEEE 802.16j-06/014r1),**
 - **Evaluation Methodology (IEEE 802.16j-06/013r3),**
 - **Technical Requirements (IEEE 802.16j-06/016r1) and**
 - **Table of Contents (IEEE 802.16j-06/017r2), and**
 - **Towards Initial Draft for WG Letter Ballot.**

Agenda

- Session #48 802.16 Relay TG Minutes Review ([IEEE 802.16-07/012](#))
- Meeting Organization
- Ad-hoc Group Reports
- Comment Resolutions
 - * in reply to the call for Comments and Contributions ([IEEE 802.16-07/008r4 and 014r3](#)) on:
 - P802.16j Baseline Document ([IEEE802.16j-06/026r2 and r3](#))
 - * considering the five guideline documents of:
 - Usage Models (IEEE 802.16j-06/015),
 - Definitions and Terminology (IEEE 802.16j-06/014r1),
 - Evaluation Methodology (IEEE 802.16j-06/013r3),
 - Technical Requirements (IEEE 802.16j-06/016r1) and
 - Table of Contents (IEEE 802.16j-06/017r2).
- Text Proposals for the Baseline Document
- Schedule towards the initial draft and WG letter ballot
- AOB

*For IEEE SA Patent Policy, see: <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Agenda by Calendar

- **Mon PM**
 - Opening, agenda&minutes review (Nohara-san)
 - Summary of inputs to meeting (Mike, 2mins)
 - Process for expediting resolution of editorial comments (Mike, 5mins)
 - Adhoc reports (Adhoc Chairs, 10mins each)
 - (AH-1) Frame structure, (AH-2) Security, (AH-7) Measurement & Rpt, (AH-4) HARQ, (AH-5) R&PM, (AH-3) MOB, (AH-8) Others, (AH-6) MPDU construction.
 - Including consideration of recommendations
- **Tue AM, PM and Evening**
 - Resolution of comments returned to TG from adhoc in database 008*
 - Organised on a category basis: (AH-1) Frame structure, (AH-2) Security, (AH-7) Measurement & Rpt, (AH-4) HARQ, (AH-5) R&PM, (AH-3) MOB, (AH-8) Others, (AH-6) MPDU construction.
 - Resolution of comments deferred straight to #49 in database 008
 - Contributions: 07/041, 07/071, 07/072, 07/148, 07182, 07/246, 07/247
 - Review of comment classification in database 014*
 - Resolution of technical comments in database 014
- **Wed AM**
 - Resolution of editorial comments
 - Batch resolution of comments with no issues
 - Resolution of other comments
- **Wed PM & Thu AM/PM**
 - Resolution of technical comments in database 014
 - Closing (Thu PM)

* Latest version: 008r4 and 014r3

Inputs (Contributions)

Category	Count for #49	Deferred to #49	Count for #48	Count for #47	Count for #46	Change
Relay concepts	0	0	0	4	8	0
Security	8	6	6	5	0	2
Frame structure	22	8	25	36	32	-3
Network entry	8	0	11	30	33	-3
Bandwidth request	5	1	8	11	8	-3
Construction & transmission of MAC PDUs	10	7	7	5	6	3
Measurement & reporting	8	5	6	9	7	2
Mobility management	18	12	39	41	23	-21
Routing, path, connection & service flow management	19	15	18	11	10	1
RRM, scheduling & interference control	0	4	4	3	5	-4
PHY	0	0	5	12	12	-5
HARQ	14	10	10	0	0	4
MAC	0	0	4	0	0	-4
Other PHY/MAC	14	9	0	0	0	14
Evaluation methodology	0	0	0	2	4	0
Adhoc report	3	-	0	-	-	3
Minutes	21	-	0	-	-	21

Incoming contributions	150	77	143	169	149	7
Technical/Editorial	126					
Rejected (before the meeting)			3	1	4	

Comments

- **Two active databases**
 - 008: deferred comments from #48
 - 014: new comments into adhocs & TG
 - Including consideration of recommendations

008(r4)

- 86 open comments, all technical
- 71 deferred to adhocs

014(r3)

- 288 comments received (and 593 reply comments)
- 24 deferred to adhocs
- 8 withdrawn
- **Classification:**
 - 14 empty comments
 - 118 editorial
 - 151 technical
 - 2 general
 - 3 with no type

Comments

- To expedite the resolution of editorial comments in 014, we will follow this process:
 - Editor has identified “editorial comments” where there are reply comments and all reply comments propose “accepted” (see **C802.16j-07/349, “List of editorial comments in C802.16j-07/014r2 identified for batch approval.”**)
 - Group to review these comments in background and check if any objections to these identified comments
 - Tuesday: group will first quickly review 014 to identify if any comment types are wrong (mainly for editorial that should be technical) and also classify “general” & blank type fields
 - Wed AM will start editorial comment resolution
 - Will first start with batch resolution of the identified editorial comments: if no objections all comments will be accepted in 1 go (63 of 188 identified)
 - Will then continue resolving remaining comments (55 of 188)

Tentative Schedule (as of 15 Mar., 2007)

Year	Month	802.16 session	Actions
Target: WG Motion/Approval in May session to proceed to WG Letter Ballot on Initial Draft, to be formed as revised baseline document with comment resolutions.			
2006/200 7	Mar. 2007	#48 Interim	6 th TG meeting
	Call for Comments		
	May 2007	#49 Interim	7 th TG meeting, Comment resolutions Preparation for the 1 st WG Letter Ballot
	Drafting standard, 1 st WG Letter Ballot		
	Jul. 2007	#50 Plenary	2 nd WG letter ballot
2007/200 8	Sept. 2007	#51 Interim	1st sponsor ballot
	Nov. 2007	#52 Plenary	Sponsor Recirculation
	Jan. 2008	#53 Interim	Submission to Rev. Com
	Mar. 2008	#54 Plenary	SA Approval

Motions expected to come at Relay TG Closing

- To authorize the Technical Editors to revise the baseline document (802.16j-06/026r3) to accommodate the comment resolutions in 802.16j-07/008r4 and 014r3, and issue the initial draft **p802.16j/D1**.

Motions expected to come at 802.16WG Closing

- To authorize the WG Chair to open initial WG Letter Ballot on **p802.16j/D1**, to close on 2 July, 2007 AOE.

Request to the comment/contribution authors

- For authors of comments/contributions accepted, please provide your original material in doc/ppt format (copy enabled) to the editors so that they can handle the material, especially Figs. and Tables easily.

Relay-TG Meeting Calendar This Week

16:00 - **19:00**, Mon. 07 May @Pacific NW
08:00 - **22:00**, Tue. 08 May @Holladay
08:00 - 18:00, Wed. 09 May @Holladay
08:00 - 18:00, Thu. 10 May @Holladay

**Doubletree Hotel
Portland, OR, USA
Please Join and see you!**

