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Venue:
IEEE 802.16 Session #49, Portland, OR, USA

Base Document:
None

Purpose:
TG Meeting organization

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Session #49 802.16 Relay TG
Session Agenda

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

Relay TG Chair Mitsuo Nohara
Vice Chair Peiying 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 7\textsuperscript{th} 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](http://standards.ieee.org/board/pat/pat-slideset.ppt)

Motions

• To approve the Agenda 1st: 2nd: time: result
• To approve the minutes 07/012 1st: 2nd: time: result
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)
      - Including consideration of recommendations

- **Tue AM, PM and Evening**
  - Resolution of comments returned to TG from adhocs in database 008*
  - 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)

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| 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
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-07/349r1, “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)**

<table>
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<tr>
<th>Year</th>
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<td>Mar. 2007</td>
<td>#48 Interim</td>
<td>6th TG meeting</td>
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<td>May 2007</td>
<td>#49 Interim</td>
<td>7th TG meeting, Comment resolutions</td>
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<td>Preparation for the 1st WG Letter Ballot</td>
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<td>Mar. 2008</td>
<td>#54 Plenary</td>
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**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.
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!
Adhoc Reports

(AH-1) Frame structure  07/348
(AH-2) Security        07/340r3
(AH-7) Measurement & Rpt 07/357
(AH-4) HARQ            07/359
(AH-5) R&PM            07/339
(AH-3) MOB            07/346
(AH-8) Others        07/347
(AH-6) MPDU construction  07/358

*each latest to be referred

*Motions to come as follows:
Motion: FS

“To accept the recommendations from the frame structure adhoc recorded in C802.16j-07/348 as resolutions for comments 83, 6, L134, 55, 46, 15 in database C802.16j-07/008r4 and comment 1263 in C802.16j-07/014r3.”

Moved by: Mike Hart
Seconded:
Motion: SEC

“To accept the recommendations from the Security adhoc recorded in C802.16j-07/340r2 as resolutions for comments xxx in database C802.16j-07/008r4 and comments xxx in database C802.16j-07/014r3.”

Moved by:
Seconded:
Motion: M&R

“To accept the recommendations from the Measurement & Reporting adhoc recorded in C802.16j-07/347 as resolutions for comments 25, 38, 87, 109, 115 and L135 in database C802.16j-07/008r4.”

Moved by:
Seconded:
Motion: HARQ

“To accept the recommendations from the HARQ adhoc recorded in C802.16j-07/359 as resolutions for comments 64 and 63 in database C802.16j-07/008r4.”

Moved by:
Seconded:
Motion: R&PM

“To accept the recommendations from the Routing & Path Management adhoc recorded in C802.16j-07/339 as resolutions for comments 40, 90, L128 and 59 in database C802.16j-07/008r4 and comment 1072 in C802.16j-07/014r3.”

Moved by:
Seconded:
Motion: MOB

“To accept the recommendations from the MOB adhoc recorded in C802.16j-07/357 as resolutions for comments LL149, 116 and 31 in database C802.16j-07/008r4.”

Moved by:
Seconded:
Motion: Other MAC/PHY

“To accept the recommendations from the other MAC/PHY adhoc recorded in C802.16j-07/358 as resolutions for comments L127, L140, LL150 & 1 in database C802.16j-07/008r4.”

Moved by:
Seconded:
Motion: MPDU

“To accept the recommendations from the MDPU adhoc recorded in S802.16j-07/346 as resolutions for comments 65, 3, 93 and 94 in database C802.16j-07/008r4 and comment 1259 in C802.16j-07/014r3.”

Moved by:
Seconded: