

Session #46 802.16 relay TG Opening Remarks and Session Agenda

IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:

IEEE 802.16j-06/029

Date Submitted:

2006-11-13

Source:

Mitsuo Nohara

Relay TG Chair, KDDI Corp.

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

Voice: +81 3 6678 3599

Fax: +81 3 6678 0219

E-mail: mi-nohara@kddi.com

Venue:

IEEE 802.16 Session #46, Dallas, Texas, 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 #46 802.16 Relay TG Opening Remarks and Session Agenda

4th 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
13-16 Nov., 2006, Dallas, Texas, USA**

Objectives of this 4th TG Meeting

- **To advance the development of the P802.16j Baseline Document (IEEE802.16j-06/026)**
 - **Through the Technical Contributions presentation and discussion,**
 - **Considering the five Guideline Documents of:**
 - **Usage Models (IEEE802.16j-06/015),**
 - **Definitions and Terminology (IEEE802.16j-06/014r1),**
 - **Evaluation Methodology (IEEE802.16j-06/013r1),**
 - **Technical Requirements (IEEE802.16j-06/016r1) and**
 - **Table of Contents (IEEE802.16j-06/017r2).**
- **To prepare for the draft standard towards the next meeting.**

Agenda

3. Session #45 802.16 Relay TG Minutes Review

([IEEE 802.16-06/028](#))

- **Technical Contributions Presentation and Discussion,**
 - * in reply to the call for Technical Proposals ([IEEE 802.16-06/027](#)) on:
 - P802.16j Baseline Document (IEEE802.16j-06/026)
 - * considering the five guideline documents of:
 - Usage Models (IEEE802.16j-06/015),
 - Definitions and Terminology (IEEE802.16j-06/014r1),
 - Evaluation Methodology (IEEE802.16j-06/013r1),
 - Technical Requirements (IEEE802.16j-06/016r1) and
 - Table of Contents (IEEE802.16j-06/017r2).
 - * with the presentation order as attached.
- **Text Proposals for the Baseline Draft.**
- **AOB**

Technical Contributions

- **Call for Technical Contributions by 7 Nov., 2006**
156* Contributions submitted,
associated with Presentation Materials and
Commentary.
* revisions not double-counted.
- **Contributions Presentation during this session:**
 - **Please provide the following information:**
 - **Key Feature**
 - **Usage Model and/or Technical Conditions applied (e.g., BS-MS link required, Centralized and/or Distributed Control, etc.,)**

Topics and Presentation Order

1. Relay concepts (8)
2. Frame structure (24) (Total: 31)
 - Sync & identification (5)
 - MAP (2)
 - Network entry / Connections & addressing (26 / 8) (Total: 34)
 - Including: Initial ranging
 - BW request (6) (Total: 6)
 - Construction & transmission of MAC PDUs (4) (Total: 6)
 - ARQ (2)
 - Measurement & reporting (7) (Total: 7)
 - Mobility management (Total: 34)
 - Handover (16)
 - Routing & path mgmt / Neighborhood discovery (10 / 1)
 - Idle/Sleep mode (2 / 4)
 - MBS (1)
8. RRM, Scheduling & Interference control (4 / 2) (Total: 6)
9. PHY (Total: 12)
 - HARQ (4)
 - Power control (3)
 - Modulation & coding (2)
 - AAS / MIMO (1 / 2)
 - Others: (Total: 5)
 - Definitions (1)
 - Evaluation methodology (4)

How to Proceed...

- **Topic by topic approach**
- **Relay concepts (5 mins/contribution)**
- **Others very brief summary of key points (ideally 2 mins./contribution)**
- **Discussion at end of topic**
- **Plan**
 - **Mon: Opening & discuss plan & categories (incl. not covered)**
 - **Check categories correct**
 - **Tue (day): Deal with all topics upto and including BW request**
 - **Tue (eve): Harmonisation & discussions in the meeting room**
 - **Wed (day): Deal with remaining topics**
 - **Thu: Topic by topic based discussion/decisions**
- **Please join the Relay TG Opening to be held after this .16 Opening for detailed information.**

Motion expected to come at Relay TG Closing

- 3. To authorize the TG Chair to issue a call for comments and contributions (depending on the progress...)**

Relay-TG Meeting Calendar This Week

16:00 – 18:00, Mon. 13 Nov.

08:00 – 22:00, Tue. 14 Nov.

08:00 – 18:00, Wed. 15 – Thu. 16 Nov.

Room: Landmark C, Hyatt Regency Dallas
Dallas, Texas, USA

Please Join and see you!

