Session #46 802.16 relay TG Closing Remarks

IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:

    IEEE 802/16j-06/032

Date Submitted:

    2006-11-16

Source:

    Mitsuo Nohara   Voice: +81 3 6678 3599

    Relay TG Chair, KDDI Corp.   Fax: +81 3 6678 0219

    3-10-10, Iidabashi, Chiyoda-ku, Tokyo 102-8460 Japan   E-mail: mi-nohara@kddi.com

Venue:

    IEEE 802.16 Session #46, Dallas, Texas, USA

Base Document:

    None

Purpose:

    TG Meeting organization

Session #46 802.16 Relay TG Closing Remarks

4th 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

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)

- **Meeting Organization Discussion**

- **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).**

  156* Contributions submitted by 7 Nov. 2006
  associated with Presentation Materials and Commentary.
  *revisions not double-counted Text

- **AOB**

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 -1

- **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 (may not be official meeting)**
  - **Wed (day): Deal with remaining topics**

Summary

3. **156 contributions submitted, presented and covered: Thank you!**
4. **2 contributions on Eval. Method. (252, 262) were accepted by the TG. *Tech. Editors to modify 802.16j-06/013r1 and make 802.16j-06/013r2.**
5. **11 contributions submitted as Harmonization results (revised/new.)**
6. **Contributions reviewed whether to be applied to the baseline document:**
    to be included: 233r8, 169r2.
    ***Tech. Editors to modify it.**
- **Way forward**
- **TG Chair to issue Call for Technical Contributions**
- **Chair Team to arrange some ad-hoc discussions towards the next session (on dot16 web-site.)**

How to Proceed -2 (revd.)

Baseline

Call for Tech. Cont.

Guideline Docs.

Usage Models

Tech. Reqs.

Defs. & Term.

Contributions

Eval. Method.

Draft ToC

2nd Call for
& Tech. Cont.

Baseline, revised

Contributions

Eval. Method. Revd.

Document set to apply ->
Tech. Editors to revise

Draft

Motions at Relay TG Closing

3. **To authorize the Technical Editors to revise the guideline document: Evaluation Methodology (802.16j-06/013r1) to accommodate the comments accepted: (C252 & C262.)**

   6:30pm 1st: Peiying Zhu 2nd: Roger Peterson,

   motion passed with no objections

- **To authorize the Technical Editors to revise the baseline document (802.16j-06/026) to accommodate the comments accepted (C233r8 & C169r2.)**

   6:31pm 1st: I-Kang Fu, 2nd: Jaeweon Cho,

   motion passed with no objections

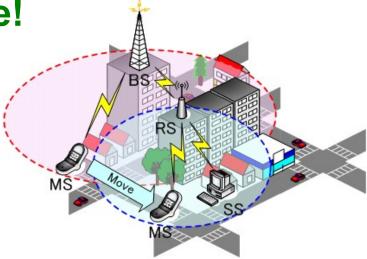- **To authorize the TG Chair to issue a "Call for Technical Contributions."**

   6:33pm 1st: Panyuh Joo, 2nd: Sunil Vadgama,

   motion passed with no objections

Relay-TG Meeting Calendar

Mon. 15 – Thu. 18 Jan., 2007

Hilton London Metropole London, England

See you there!

*Reference: C802.16-005/013