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 4\textsuperscript{th} 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.
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)
3. RRM, Scheduling & Interference control (4 / 2) (Total: 6)
4. 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.)

Call for Tech. Cont.

2nd Call for & Tech. Cont.

Baseline

Baseline, revised

Guideline Docs.

Usage Models

Tech. Reqs.

Defs. & Term.

Eval. Method.

Draft ToC


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 1<sup>st</sup>: Peiying Zhu  2<sup>nd</sup>: 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 1<sup>st</sup>: I-Kang Fu, 2<sup>nd</sup>: Jaeweon Cho, motion passed with no objections

- To authorize the TG Chair to issue a “Call for Technical Contributions.”
  6:33pm 1<sup>st</sup>: Panyuh Joo, 2<sup>nd</sup>: 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!