IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:
IEEE 802.16j-06/029

Date Submitted:
2006-11-13

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Venue:
IEEE 802.16 Session #46, Dallas, Texas, USA

Base Document:
None

Purpose:
TG Meeting organization

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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 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.
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..)
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!