

Session #46 802.16 relay TG Closing Remarks

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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 Closing Remarks

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](#))

- 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)

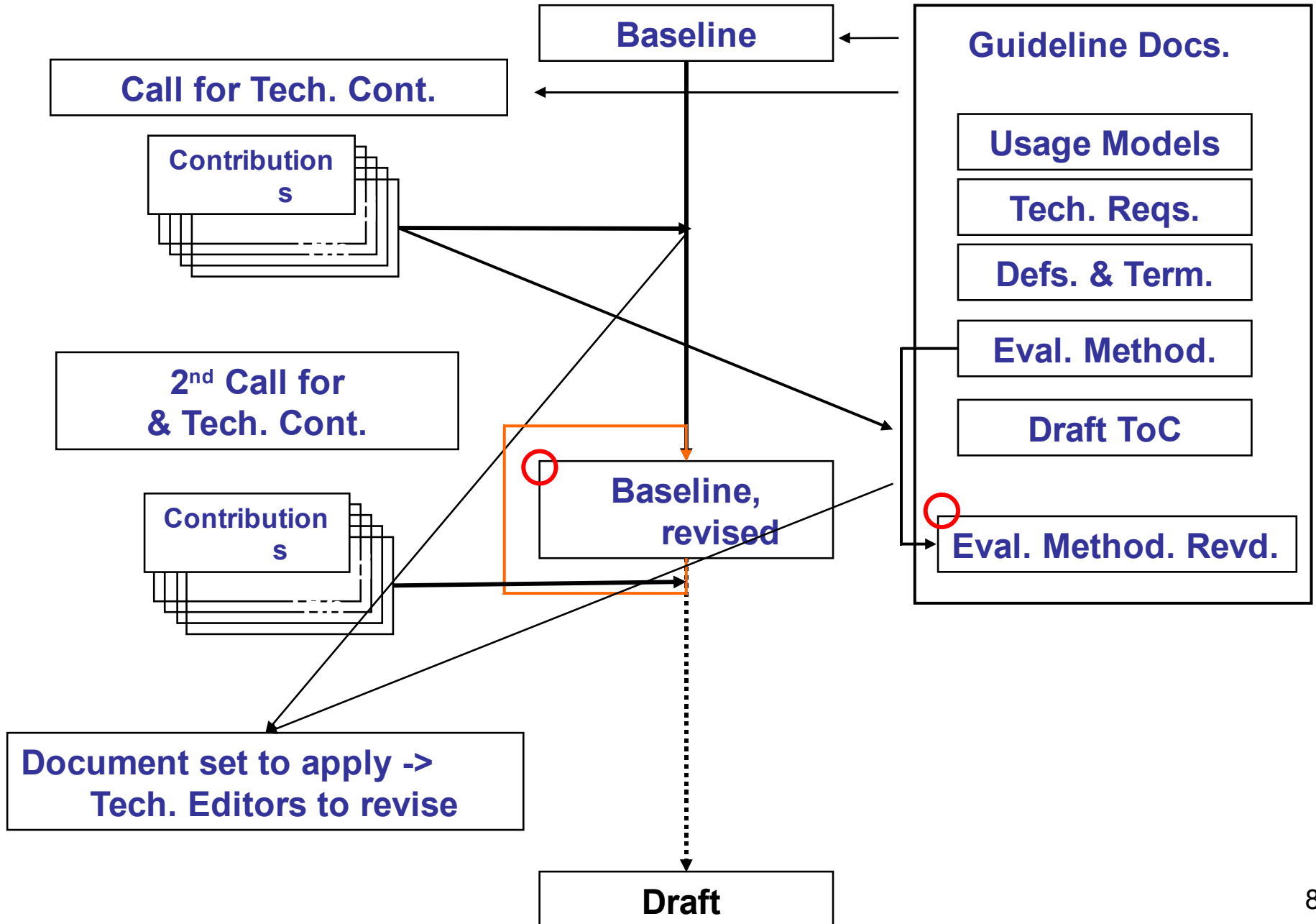
How to Proceed -1

- **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.)



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: Peiyong 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!

