Session #43 802.16 Relay TG Closing Report

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Venue:
IEEE 802.16 Session #43, Tel Aviv, Israel

Base Document:
None

Purpose:
TG Meeting organization

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Session #43 802.16 Relay TG
Closing Report – 05/11/06
1st Task Group Meeting on Multi-hop Relay in IEEE 802.16

TG Chair        Mitsuo Nohara
IEEE802.16 Opening Plenary
Time: 19:30- Thu. 11 May, 2006
Place: David Intercontinental Hotel, Tel Aviv, Israel
Objectives of this 1st TG Meeting

• To organize the TG

• To have contribution presentations,

• To deliver Draft TG Docs. preparing for the draft Std. Proposals, along with the items shown on the 1st Call for Contributions and referring to the contribution documents, and

• To outline the 2nd Call for Comment and Contributions
Chair Team: Acting for this session

- **Chair:** Mitsuo Nohara
- **Acting Members:**
  - Ariel Sharon
  - Jung Je Son
  - Mike Hart
Contribution Presentations (Day 1)
Session Configurations and Contribution Categorizations

Session 1: Terminology Nos. 19, 27
Session 2: Task Group Process Nos. 13, 17, 21
Session 3: Usage Scenario
   Nos. 1, 2, 4, 5, 7, 26, 28, 29, 18
Session 4: Technical Requirements
   Nos. 16, 22, 30, 31
Session 5: Evaluation Methodology
5.1 Methods Nos. 23, 14, 24, 25
5.2 Models & Evaluations
   Nos. 3, 9, 10, 11, 12, 20, 15, 6, 8
Relay-TG

09:00 – 18:30, Tue. 9 May: TG Organization & Contribution Presentation (Day 1)
09:00 – 18:30 Wed. 10 May: Ad-hoc Meetings
09:00 – 18:00, Thu. 11 May: Discussions and Decisions (Day 2)
Day 2 Agenda

2. Discussions on each item for draft TG doc. preparation
   • PAR&5 Criteria Introduction
   Coffee Break
   • Contribution Presentation Summary
   • Ad-hoc Meetings Summary
   • Draft TG Document Discussion
• To do list towards next session
  • 2nd Call for Comments and Contribution
  • Organization

Agenda Approval: 1st: Sean Cai, 2nd: Wen Tong
Result: Motion passed with unanimous voice vote.
Ad-hoc Meetings Summary
Session Configurations and Contribution Categorizations
(1) Session 5: Evaluation Methodology
   - Led by Wen Tong

Motion 2: Motion to issue a call for comments on C802.16j-06/040 which is the output of evaluation methodology adhoc

15:04 Moved by Peiying Zhu
Seconded by I-Kang Fu
For: 27 Against: 0 Abstain: 0
Ad-hoc Meetings Summary
Session Configurations and Contribution Categorizations
(2) Session 2: Project Plan and Schedule
   - Led by Jae Weon Cho

Motion 1: Motion to adopt C802.16j-06/035r1 from project plan and schedule adhoc as a task group draft document for further consideration
14:15 Moved JaeWeon Cho
Second Wen Tong
For: 20 Against: 0 Abstain: 0
Ad-hoc Meetings Summary

(3) Session 1: Terminology - Led by Roger Peterson

Motion 3: Motion to issue a call for comments on C802.16j-06/041 which is the output of the terminology adhoc

Moved: Jose Puthenkulam
Second: Sean Cai

For: 20 Against: 0 Abstain: 0
Ad-hoc Meetings Summary

(4-1) Session 3: Usage Scenario
- Led by Jerry Sydir

Motion 5: to start a usage scenario adhoc to continue the discussions towards a single harmonized contribution to be submitted to session #44

Moved: Jose Puthenkulam
Second: Sean Cai

For: 17  Against: 0  Abstain: 0

TG Chair nominated Jerry Sydir to chair the adhoc group.
Minutes (1)

- Group Discussed Structure of Usage Models Document
  - Agreed that Usage models should be described first before types of RSs are discussed
  - Agreed that RS types are described by a number of Attributes including:
    - Level of Mobility
    - Ownership
    - Complexity
    - Antenna Usage
  - Agreed that the top level classification for RSs should be by Level of Mobility and Ownership
Group developed a common definition of the purpose of a usage models document. All contributions shall present content in line with this definition.

Definition of Usage Scenarios for relay:

**Usage model document is a reference to drafting the standard. The purpose of usage models is to define different deployment scenarios (e.g., fixed, nomadic, mobile) to characterize requirements on the network elements (MMR-BS, RS) and functional entities to improve system performance. (e.g., extending coverage, increasing throughput ).**
Ad-hoc Meetings Summary

Session 4: Technical Requirements
- Led by Jerry Sydir

Motion 4: Motion to issue a call for contributions on technical requirements to session #44

Moved: Mike Hart
Second: Roger Peterson

For: 17 Against: 0 Abstain: 0
Motion: to set the deadline for responses to calls for contributions and comments specified in motions 2, 3 and 4 passed in session #43 to 3 July 2006

Moved: Naftali Chayat

2nd: Ariel Sharon

Result: For: 21 Against: 0 Abstain: 1
# Tentative Schedule (from Tutorial, Mar. 2006)

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>802.16 session</th>
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<tbody>
<tr>
<td>2006</td>
<td>Jan.</td>
<td>#41 Interim</td>
<td>SG: the 3rd meeting – PAR Completion</td>
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|      | Mar.  | #42 Plenary    | Tutorial Session on 802.16 MMR  
|      |       |                | 802 EC to approve 802.16j PAR |
|      | May   | #43 Interim    | 1st TG meeting |
|      | July  | #44 Plenary    | 2nd TG meeting  
|      |       |                | Require Document & Procedure for proposal  
|      |       |                | Selection & merging |
|      | Sept. | #45 Interim    | 3rd TG meeting  
|      |       |                | Presentation & Selection |
|      |       |                | **Drafting standard** |
| 2007 | Nov.  | #46 Plenary    | 1st WG letter ballot |
|      | Jan.  | #47 Interim    | 2nd WG letter ballot |
|      | Mar.  | #48 Plenary    | 1st sponsor ballot |
|      | May.  | #49 Interim    | Sponsor Recirculation |
|      | July. | #50 Plenary    | Submission to Rev. Com |
|      | Sep.  | #51 Interim    | SA Approval |
See you in San Diego!