#### Session #48 802.16 relay TG Session Summary/Closing Remarks (rev. 2)

+81 3 6678 3599

+81 3 6678 0219

#### **IEEE 802.16 Presentation Submission Template (Rev. 8.3)**

Document Number:

IEEE: 802 16j-07/011r2

Date Submitted:

2007-03-15

Source:

Mitsuo Nohara Voice: Relay TG Chair, KDDI Corp. Fax:

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

Venue:

IEEE 802.16 Session #48, Orlando, FL, USA

Base Document:

None

Purpose:

TG Meeting organization

Notice:

This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

Release:

The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.

#### IEEE 802.16 Patent Policy:

The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a>.

## Session #48 802.16 Relay TG Session Summary

6th 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 12-15 Mar., 2007, Orlando, FL, USA

# Objective of this 6th TG Meeting

- To advance the development of the P802.16j Baseline Document (IEEE802.16j-06/026r2)
  - Through the Comments and Contributions presentation, discussion and resolution.
  - Considering the five Guideline Documents of:
    - Usage Models (IEEE802.16j-06/015),
    - Definitions and Terminology (IEEE802.16j-06/014r1),
    - Evaluation Methodology (IEEE802.16j-06/013r3),
    - Technical Requirements (IEEE802.16j-06/016r1) and
    - Table of Contents (IEEE802.16j-06/017r2).

## **Agenda**

- Session #47 802.16 Relay TG Minutes Review (<u>IEEE 802.16-07/006</u>)
- Comments and Contributions Presentation and Resolution
   \* in reply to the call for Comments and Contributions (IEEE 202 16
  - \* in reply to the call for Comments and Contributions (IEEE 802.16-07/007r2) on:
  - P802.16j Baseline Document (<u>IEEE802.16j-06/026r2</u>)
  - \* considering the five guideline documents of:
  - Usage Models (IEEE802.16j-06/015),
  - Definitions and Terminology (IEEE802.16j-06/014r1),
  - Evaluation Methodology (IEEE802.16j-06/013r3),
  - Technical Requirements (IEEE802.16j-06/016r1) and
  - Table of Contents (IEEE802.16j-06/017r2). with the categorization order as attached.
- Text Proposals for the Baseline Document
- Schedule towards the initial draft and WG letter ballot
- AOB

#### **Motions**

- To approve the Agenda 1<sup>st</sup>: I Kang Fu, 2<sup>nd</sup>: Wen Tong, Time: 16:40, result: passed with no objection
- To approve the minutes IEEE 802.16-07/006 1st: Mike Hart, 2nd; Wen Tong, Time: 16:44, result: passed with no objection

#### **Technical Comments and Contributions**

(Call for Technical Comments and Contributions by 5 Mar., 2007)

- 118 Comments and 146\* Contributions submitted,
  - \* 97 new, 49 revised,
  - \* 23 revisions not double-counted (169 in total).
  - The numbering scheme for new ones worked perfect. Thank you!
- Comment-oriented handling intended, but... as for the 146 contributions,
  - 41 contributions with no comment
  - 2 authors noted their on-time contribution submission (7 docs.) with delayed comments.
  - How about the rest?

meantime, as for the 118 comments,

- 18 comments with no sub-clause reference,
- (4 comments with multiple sub-clause reference)

#### **Technical Comments and Contributions**

- Contributions with no comments:
- <- Such contribution authors are requested to submit "late" comment per each contribution, so that we can handle it in the uniformed manner. Deadline: 7pm, Monday 12 Mar. 2007
- Comments with no sub-clause reference:
- <- Relay TG Technical Editors to fill in and complete.
- Revised commentary database will be prepared by the Relay TG Editors and becomes available later tonight, say, by 9pm for your review.
- \* Those explained in detail during the 1st Relay TG Session, 16:00-18:00 Monday 12 Mar. 2007.

## **Topics and Categories\***

- 1. Frame Structure
- 2. Network Entry
- 3. Security
- 4. BW request
- 5. Mobility Management
- 6. Routing, Path, Connection and Service Flow Managements
- 7. Construction & transmission of MAC PDUs
- 8. HARQ
- 9. Measurement & reporting
- 10.RRM, Scheduling & Interference control
- **11.PHY**
- 12. Other MAC

<sup>\*</sup> Comments to be reviewed along with this order.

#### 1. Frame Structure

Number	Comment	Title	Category	Sub Category	Status
7176	80	Format of R-FCH within RS-Zone	Frame structure	Signaling	S
7177	81	In-band Non-transparent Relay Frame Structure	Frame structure	Frame structure	AM
7178	82	In-band Transparent and Non-transparent Relay Coexistence Frame Structure	Frame structure	Frame structure	R
7179	83	In-band Transparent Relay Frame Structure	Frame structure	Frame structure	Defer
7193	41	Frame structure configuration signaling	Frame structure	Signaling	AM
7215	6	Signaling Support for R-amble Configuration	Frame structure	Signaling	Defer
7222	48	RS amble repetition rate	Frame structure	RS amble	AM
7223	49	Relay amble modulation series	Frame structure	RS amble	AM
7224	56	RS amble amplitude	Frame structure	RS amble	AM
7235	55	Relay zone indicator	Frame structure	Signaling	Defer
7236	52	MAC message for configuring the multi-hop relay frame structure	Frame structure	Signaling	АМ
7237	53	On the use of amble for the relay link	Frame structure	RS amble	AM
7255	92	Format of R-MAP in Transparent RS System	Frame structure	Signaling	Defer
7265	L134	Preamble, FCH and MAPs Transmission in Transparent Relay Station	Frame structure	Signaling	Defer
7266	61	On the issue of frame alignment and gaps	Frame structure	Alignment & gaps	AM
6163r3	L121	A Flexible Multi-hop Frame Structure for IEEE 802.16j	Frame structure	Frame structure	R
7013r1	46	Signaling support for two-hop and multihop frame structure	Frame structure	Signaling	Defer
7038r1	51	RS-amble position for Multihop Relays	Frame structure	RS amble	S
7073r1	79	RS Autonomous Synchronization	Frame structure	Alignment & gaps	AM
7090r2	15	Format of R-MAP within RS-Zone	Frame structure	Signaling	Defer
7102r3	43, 61	Frame Alignment Requirement in Relays	Frame structure	Alignment & gaps	S
7156r2	54	RS preamble transmission for continuous synchronization and neighborhood scanning	Frame structure	RS amble	АМ
7162r1	RL153	Multiple Frame and Relay Operation for 802.16 MMR Networks	Frame structure	Frame structure	Defer
7216r1	50	R-amble Modulation Series for FFT modes 2K, 1K and 512	Frame structure	RS amble	S
7228r1	45	Sharing relay zone with access link	Frame structure	Frame structure	R

# 2. Network Entry

Number	Comment	Title	Category	Sub Category	Status
<del>7249</del>		RS Network Entry and Relay Function Activation	Network entry	<del>RS</del>	Duplicate
7260	23	Relaying RNG-REQ/RSP for MS Network Entry	Network entry	MS	Α
7263	L120	RS Network Entry and Relay Function Activation	Network entry	RS	R
6158r2	99	Routing Announcements for Network Entry Support	Network entry	RS	R
7008r3	22	MS network entry for non-transparent Relay Station with Centralized Scheduling	Network entry	MS	А
7025r1	8	RS network entry procedure	Network entry	RS	R
7028r2		Message definition to support MS network entry in centralized allocation model	Network entry	MS	AM
7040r5		Fixed and Nomadic Relay Station Preamble Segment Assignment Scheme	Network entry	RS	AM
7088r1	11	Moving Relay Station Preamble/Segment Selection	Network entry	RS	R
7097r4		RS Initial Network Entry and Re-entry	Network entry	RS	R
7144r2	/	Relay Grouping and PUSC Segment Selection for FCH/MAP Transmission	Network entry	RS	AM

# 3. Security

Number	Comment	Title	Category	Sub Category	Status
7188	L124	Format Transfer and Security	Security		Defer
7189	I 125	Construction of MAC PDU with Shared Management Message	Security		Defer
7201	42	Centralized Security in Multi-hop Relay System	Security		Defer
7098r2	105	Plane for the relay network	Security		Defer
7134r2		Security Zone Key generation and management for multi-hop relay system	Security		Defer
7149r1	97	TEK Transfer in Relay Systems	Security		Defer

# 4. BW Request

Number	Comment	Title	Category	Sub Category	Status
7175	L138	Dedicated Ranging Opportunity for RS	Bandwidth request		R
7180	84	MS CDMA-based BR in Non-transparent RS System under Distributed Scheduling	Bandwidth request		W
7187	L123	Optimized Distributed Bandwidth Request and Allocation in 802.16j system	Bandwidth request		R
7034r2	20	Relay Support for Distributed Scheduling and its Bandwidth Request/Allocation Mechanism	Bandwidth request		W
7057r2	69	MS CDMA-based BR in Transparent RS System	Bandwidth request		W
7058r2	7(1)	MS CDMA-based BR in Non-transparent RS System under Centralized Scheduling	Bandwidth request		AM
7101r2	21	Dedicated Resource Assignment for RS	Bandwidth request		AM
7148r2	96	Bandwidth Request for Distributed Systems	Bandwidth request		Defer
None	19	N/A	Bandwidth request		AM
None	44	N/A	Bandwidth request		AM

#### **5. Mobility Management**

Number	Comment	Title	Category	Sub Category	Status
7174	L129	Procedures supporting MS movement among access	Mobility management	MS HO	АМ
717-7	2120	stations with same preamble/FCH/MAP	Mosility management	INO TIO	7 11 11
7181	85	MS Periodic Ranging in Non-transparent RS System under Distributed Scheduling	Mobility management	Ranging	A
7182	86	OFDMA-based Ranging within Relay Zone	Mobility management	Ranging	Defer
7184	88	Unsolicited RNG-RSP in Non-transparent RS System under Distributed Scheduling	Mobility management	Ranging	A
7186	L122	Association Procedure in a centralized MR system with Distributed Scheduling	Mobility management	MS HO	AM
7191	L146	RS-Triggered Handover Procedure	Mobility management	MS HO	R
7202	10	MR_NBR_INFO message enhancement	Mobility management	RS HO	AM
7205	LL149	Sleep Mode Operations for distributed scheduling in MR Network	Mobility management	Sleep/idle mode	Defer
7220	5	MS Intra-Cell FBSS	Mobility management	MS HO	R
7234	14	Request/Response Messages for providing Location Information in 802.16j	Mobility management	MS HO	АМ
7238	32	MS scanning in MR network	Mobility management	MS HO	AM
7239	37	MS context release indication	Mobility management	MS HO	AM
7240	9	Frame number synchronization between MR-BS and RS	Mobility management	Sleep/idle mode	АМ
7245	118	Obtaining Sleep Mode Information in RS with distributed scheduling	Mobility management	Sleep/idle mode	Defer
7246	RL155	MS handover with transparent RS in centralized multi-hop relay network	Mobility management	MS HO	Defer
7247	RL154	MS handover in transparent RS and non-transparent RS coexisting multi-hop relay network	Mobility management	MS HO	Defer
7248	L147	RS Service End Procedure	Mobility management	MS HO	AM
7261	L136	MRS Paging Group Update Remedy	Mobility management	Sleep/idle mode	AM
7262	L119	MS Idle Mode in Relay System	Mobility management	Sleep/idle mode	Defer
7004r2	36	A proposal for timing compensation of idle mode in MR	Mobility management	Sleep/idle mode	AM
7007r3	30	A proposal for timing compensation of sleep mode in MR	Mobility management	Sleep/idle mode	AM
7010r3	116	Sleep Mode in MR network	Mobility management	Sleep/idle mode	Defer
7035r2	31	MS Sleep Mode in MR network	Mobility management	Sleep/idle mode	Defer
7037r2	34	MRS Handover	Mobility management	RS HO	AM
7041r4	13	Mobile Relay Station Preamble Segment Re- Assignment Scheme	Mobility management		Defer
7059r2	71	MS Periodic Ranging in Non-transparent RS System under Centralized Scheduling	Mobility management	Ranging	А
7060r2	72	MS Periodic Ranging in Transparent RS System	Mobility management	Ranging	Α
7061r2	73	Unsolicited RNG-RSP in Transparent-RS System	Mobility management	Ranging	Α
7062r2	74	Unsolicited RNG-RSP in Non-transparent RS System under Centralized Scheduling	Mobility management	Ranging	A
7063r2	75	MS Handover Ranging with RS	Mobility management	MS HO	Α
7066r2	76	RS Sleep Mode	Mobility management	Sleep/idle mode	Defer
7071r1	77	MS Handover to target MR-BS with Transparent RS	Mobility management	MS HO	Defer
7072r1	78	MS Handover with Non-transparent RS	Mobility management	MS HO	Defer
7087r2	35	Mobile Relay Station Operation	Mobility management	RS HO	AM
7122r3	L139, L148	Mobile RS Handover	Mobility management	RS HO	AM
7147r1	L142	Handover of Mobile Relay Station	Mobility management	RS HO	AM
7199r2	66	MDHO and FASS for MMR Networks • Topology Acquisition	Mobility management	MS HO	S
7200r1	67	MDHO and FASS for MMR Networks • Initiation to Termination	Mobility management	MS HO	s
7219r1	33	Relay Station Handover Procedure	Mobility management	RS HO	AM

# 6. Routing, Path, Connection and Service Flow Managements

Number	Comment	Title	Category	Sub Category	Status
7173	L128	Relay Path management for IEEE 802.16j Multi-hop	Routing, path, connection & service	Routing & path	Defer
7173	L128	Relay Network	flow management	management	Deler
7100	90		Routing, path, connection & service	Routing & path	Defer
7190	90	Relay path management during network entry	flow management	management	Delei
7192	91	Relay Path Management during Service Flow	Routing, path, connection & service	Routing & path	Defer
7192	91	Addition	flow management	management	Delei
7210	111	MMR Network centralized tunnel connection	Routing, path, connection & service	Connection	Defer
7210	111	management	flow management	management	Delei
7211	107	MMR Network distributed tunnel connection	Routing, path, connection & service	Connection	Defer
7211	107	management	flow management	management	Delei
7212	108	MMR network data forwarding and QoS schema	Routing, path, connection & service		Defer
7212	100	Will's network data forwarding and Q03 schema	flow management		Delei
7214	110	Incremental Approach for MMR Network Topology	Routing, path, connection & service	Routing & path	Defer
7217	110	Discovery	flow management	management	Belei
7230	L131	Service flow management for RS	Routing, path, connection & service	Service flow	Defer
7230	LIJI	Ÿ	flow management	management	Delei
7241	2, 58	Systematic CID Allocation and Relay Path	Routing, path, connection & service	Routing & path	АМ
7271	2, 30	Configuration	flow management	management	Alvi
7244	117	Service Management in MR network with Distributed	Routing, path, connection & service	Service flow	Defer
7244	117	Scheduling RS	flow management	management	Delei
7254	L132	Management CID allocation	Routing, path, connection & service	Connection	Defer
7254	LIJZ	Management orb anocation	flow management	management	Delei
7264	L133	Tunnel Establishment	Routing, path, connection & service	Connection	Defer
7204	L100		flow management	management	Belei
7031r2	39	Path and connection Management in multi-hop relay	Routing, path, connection & service	Routing & path	s
700112		System	flow management	management	<u> </u>
7032r2	40	Topology Discovery in Multi-hop Relay System	Routing, path, connection & service	Routing & path	Defer
700212	40	, , , ,	flow management	management	Belei
7093r1	106	DSx message extension for Constraint-Based	Routing, path, connection & service	Service flow	Defer
709311	100	routing and CID/path binding	flow management	management	Delei
7126r4	59	Routing with CID Encapsulation	Routing, path, connection & service	Routing & path	s
7 12017	55	Trouble Will Old Elloupsulation	flow management	management	<u> </u>
7209r2	98	Neighbor Path Metric in Neighbor Information	Routing, path, connection & service	Routing & path	Defer
720012		Treignoof Fatt Wette III Holgibor Illioillation	flow management	management	50.01
7225r1	101	Signaling for Efficient MS Routing	Routing, path, connection & service	Routing & path	Defer
122011	101	Organism for Emilient wo reducing	flow management	management	DOIGI
None	17	N/A	Routing, path, connection & service	Connection	Defer
INUITE	17	IV/A	flow management	management	Delei

#### 7. Construction & Transmission of MAC PDUs

Number	Comment	Title	Category	Sub Category	Status
7195	L141	Transmission using station CID without tunnels	Construction & transmission of MAC PDUs		Defer
7256	ux	3	Construction & transmission of MAC PDUs		Defer
7257	94	IMAP messages in the in-hand non-transparent	Construction & transmission of MAC PDUs		Defer
7267	1 11 152	A Proposal for Relay MAC PDU Format in 16j network	Construction & transmission of MAC PDUs		Defer
7198r2	65	Proposal for Relay MAC PDU Format	Construction & transmission of MAC PDUs		Defer
7217r1	16	IRS Contiguration Description Broadcast	Construction & transmission of MAC PDUs		Defer
7221r1		Access RS basic CID based routing and source QoS Control Scheme for data forwarding in 802.16j	Construction & transmission of MAC PDUs		Defer

## 8. HARQ

Number	Comment	Title	Category	Sub Category	Status
7185	89	Pipeline HARQ in Multi-hop Relay System	HARQ		Defer
7203	29	DL HARQ for non-transparent Relays	HARQ		Defer
7204	28	UL HARQ for non-transparent Relays	HARQ		Defer
7232	26	Downlink HARQ for transparent RS	HARQ		Defer
7233	27	UL HARQ for transparent RS	HARQ		Defer
7252	L143	The Passive Multi-hop Relaying HARQ Mechanism	HARQ		Defer
7253	L144	The Active Multi-hop Relaying HARQ Mechanism	HARQ		Defer
7196r2	63	Rate Compatibility and Incremental Redundancy HARQ for 802.16j LDPC	HARQ		Defer
7197r2	64	Enabling MAC tunneling over HARQ in 802.16j	HARQ		Defer
7226r1	102	Proposal for Centralized HARQ Retransmission Scheduling	HARQ		Defer

## 9. Measurement & Reporting

Number	Comment	Title	Category	Sub Category	Status
7171	L126	Neighborhood Discovery and Measurement for Fixed/Nomadic RS in IEEE 802.16j Multi-hop Relay Network	Measurement & reporting		АМ
7183	87	Relay Neighborhood Channel Measurement Report	Measurement & reporting		Defer
7229	115	Interference Detection and Measurement in OFDMA Relay Networks	Measurement & reporting		Defer
7231	25	Efficient channel measurement report request and response mechanism for MMR network	Measurement & reporting		Defer
7129r3	38	RS Measurements and Channel Estimation between transparent RS and MS	Measurement & reporting		Defer
7213r1		MMR Relay Link (R-link) monitoring and reporting procedure for Multi-hop path selection	Measurement & reporting		Defer

# 10. RRM, Scheduling & Interference Control

Number	Comment	Title	Category	Sub Category	Status
7172	L127	Interference and SINR prediction for IEEE 802.16j	RRM, Scheduling & Interference		Defer
1112	LIZI	Multi-hop Relay network	control		Delei
7404 1440	L140	Supporting End-to-End QoS within Tunnel Service	RRM, Scheduling & Interference		Defer
7194	L140	Flows	control		Delei
7207	LL150	Signaling Scheme for Bandwidth Allocation in MR	RRM, Scheduling & Interference		Defer
1201	LL 150	Network with Distributed Scheduling	control		Delei
7026r1	47 RS a		RRM, Scheduling & Interference		Defer
		RS access link safety region	control		Delei

## 11. PHY

Number	Comment	Title	Category	Sub Category	Status
7251	112, 113	AAS signaling to support high capacity MR-BS to RS links	PHY	AAS	Defer
7258	L145	Cooperative Relay Approaches in IEEE 802.16j	PHY	Cooperative relaying	Defer
7259		The 2nd fast feedback channel region to reduce transfer delay of fast feedback data for 2-hop MR system	PHY		Defer
7052r3	L137	Demodulation and Forwarding method in Relay Station	PHY	Others	Defer
7242r1	60	Clarifications on Cooperative Relaying	PHY	Cooperative relaying	Defer

#### 12. Other MAC

Number		Title	Category	Sub Category	Status
7206	LL151	Synchronous MBS Transmission for Macro Diversity in MR Networks	Other MAC	MBS	Defer
7227	L130	Reliable Multicasting with Selective Acknowledgement for IEEE802.16j	Other MAC	MBS	Defer
7096r3	1	MMR Protocol Stack and Definition of RS Types	Other MAC		Defer
7250r1	18, 62	An ARQ with Cooperative Relays in IEEE 802.16j	Other MAC	ARQ	Defer

#### **Comments and Contributions Summary**

#### Comments and Contributions

		Comments	Contributions
•	Accepted	9	9
•	<b>Accept-Modified</b>	34	33
•	Rejected	13	12
•	Superceded	10	8
•	Withdrawn	3	3
•	Blank	7	-
•	Deferred*	79	77
•	<b>Duplicated</b>	0	1
	Total	155	143

<sup>\*</sup> Incl. comments not covered during this session

# Way Forward towards WG Letter Ballot in May Thu. 15 March, 2007

- Today: Finish Commentary databese quickly. Identify the ones needed for the harmonization beyond this session, defer them to adhoc group. Otherwise deal with them till 3:00 pm.
- Form official ad-hoc groups. Identify leaders and set up deadline.
   No new contribution on the topic for next meeting, only the ones from the ad-hoc.
- Set up TG schedule towards Letter ballot in May.
- Call for contributions on specific remaining topics only.

#### **Ad-hoc Groups**

- Frame Structure
- Security
- Mobility Management Sleep/Idle Mode
- HARQ
- Routing and Path Management
- MAC PDU Construction
- Measurement & Reporting
- Other MAC/Other PHY

#### Schedule towards May session

- Baseline available: March 26, issue call for comment
- April 6: Deadline for new contributions for ad-hoc meeting
- April 23: Call for comment deadline
- April 30: Reply comment
- May 7-10 Session #49

#### Ad-hoc1 Frame structure

- 721, 7235, 7255, 765, 7013r1, 7090r2, 162r2
- Mike Hart/Dorin Viorel

## Ad-hoc2 Security

- 7188, 7189, 7201,7098r2, 7134r2, 7149r1
- Robert Sun

# Ad-hoc3 Mobility Management Sleep/Idle Mode

- 7205, 7245, 7262, 7010r3, 7035r2, 7066r2
- David Comstock/Yuefeng Zhou

#### Ad-hoc4 HARQ

- 7185, 7203, 7204, 7232, 7233, 7252, 7253, 7196r2, 7197, 7226r1
- Wen Tong/Young Bin

#### Ad-hoc5 Routing/Path management

- 7173, 7190, 7192, 7210, 7211, 7212, 7214,
  7230, 7244, 7254, 7264, 732, 793, 7209,
  7225r1
- Comment 17
- G-Q Wang/John Li

#### Ad-hoc6 MAC PDU construction

- 7195, 7256, 7257, 7267, 7198r2, 7217r1, 7221r1
- Jeffrey Tao

## Ad-hoc7 Measurement & reporting

- 7183, 7229, 7231, 7129, 7213r1
- I-Kang Fu/Dorin Viorel

#### Ad-hoc8 Other MAC/Other PHY

- 7251, 7258, 7259, 7052r3, 7242r1
- 7172, 7194, 7207, 7026r1
- 7206, 7227, 7096, 7250
- Peiying Zhu

#### **Tentative Schedule (as of 15 Mar., 2007)**

Year	Month	802.16 session	Actions			
Target: WG Motion/Approval in May session to proceed to WG Letter Ballot on Initial Draft, to be formed as revised baseline document with comment resolutions.						
2006/2007	Mar. 2007	#48 Interim	6th TG meeting			
2006/2007	Call for Comments					
	<b>May 2007</b>	#49 Interim	7th TG meeting, Comment resolutions			
		Preparation for the 1st WG Letter Ballot				
		lard, 1st WG Letter Ballot				
	Jul. 2007	#50 Plenary	2 <sup>nd</sup> WG letter ballot			
	Sept. 2007	#51 Interim	1st sponsor ballot			
	<b>Nov. 2007</b>	#52 Plenary	Sponsor Recirculation			
2007/2008	Jan. 2008	#53 Interim	Submission to Rev. Com			
	Mar. 2008	#54 Plenary	SA Approval			

#### Original Schedule (from Tutorial, Mar. 2006)

Year	Month	802.16 session	Actions	
	Jan.	#41 Interim	SG: the 3rd meeting – PAR Completion	
	Mar.	#42 Plenary	Tutorial Session on 802.16 MMR 802 EC to approve 802.16j PAR	
	May	#43 Interim	1st TG meeting	
2006	July	#44 Plenary	2nd TG meeting Require Document & Procedure for proposal Selection & merging	
	Call for Contribution			
	Sept.	#45 Interim	3rd TG meeting Presentation & Selection	
	Drafting standard			
	Nov.	#46 Plenary	1st WG letter ballot	
	Jan.	#47 Interim	2nd WG letter ballot	
	Mar.	#48 Plenary	1st sponsor ballot	
2007	May.	#49 Interim	Sponsor Recirculation	
	July.	#50 Plenary	Submission to Rev. Com	
	Sep.	#51 Interim	SA Approval	

#### Motions conducted at Relay TG Closing

 To authorize the Technical Editors to revise the baseline document (802.16j-06/026r2) to accommodate the comments accepted.

1st: Jeffery Tao, 2nd: I-Kang Fu, Time: 18:30

**Motion Passed with no objection** 

2. To authorize the Task Group Chair to issue a call for comments on the baseline document to be revised as (802.16j-06/026r3).

1st: I-Kang Fu, 2nd: Koon Hoo Teo, Time: 18:32

**Motion Passed with no objection** 

3. To authorise the Task Group Chair to form the ad-hoc groups on the topics identified necessary to harmonize on the comments deferred.

1<sup>st</sup>: I-Kang Fu, 2<sup>nd</sup>: Jeffrey Tao, Time: 18:34

**Motion Passed with no objection** 

#### Relay-TG Meeting Calendar This Week

```
16:00 - 18:00, Mon. 12 Mar.

@ Grand Sierra E/Carribean I

08:00 - 18:00, Tue. 13 Mar. @ Carribean I
```

08:00 - 18:00, Wed. 14 Mar. @ Carribean I

08:00 - 18:00, Thu. 15 Mar. @ Carribean I

\* Each with 100 participants

Caribe Royale Resort Orlando, FL, USA

Thank you for your participation and see you in Portland

\*Reference: C802.16-005/013