

# Session #48 802.16 relay TG Session Agenda

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Venue:

IEEE 802.16 Session #48, Orlando, FL, USA

Base Document:

None

Purpose:

TG Meeting organization

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# **Session #48 802.16 Relay TG**

## **Session Agenda**

### **6<sup>th</sup> 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**  
**12-15 Mar., 2007, Orlando, FL, USA**

# Objectives of this 6<sup>th</sup> 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 ([IEEE 802.16-07/006](#))
- Comments and Contributions Presentation and Resolution
  - \* in reply to the call for Comments and Contributions ([IEEE 802.16-07/007r2](#)) on:
    - P802.16j Baseline Document ([IEEE802.16j-06/026r2](#))
    - \* 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> : 2<sup>nd</sup>: time: result
- To approve the minutes 07/006 1<sup>st</sup>; 2<sup>nd</sup>; time: result

# 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 1<sup>st</sup> 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

\* Comments to be reviewed along with this order.

# 1. Frame Structure

Number	Comment	Category	Sub Category
7266	61	Frame structure	Alignment & gaps
7073r1	79	Frame structure	Alignment & gaps
7102r3	43, 61	Frame structure	Alignment & gaps
7177	81	Frame structure	Frame structure
7178	82	Frame structure	Frame structure
7179	83	Frame structure	Frame structure
6163r3	L121	Frame structure	Frame structure
7162r1		Frame structure	Frame structure
7228r1	45	Frame structure	Frame structure
7222	48	Frame structure	RS amble
7223	49	Frame structure	RS amble
7224	56	Frame structure	RS amble
7237	53	Frame structure	RS amble
7038r1	51	Frame structure	RS amble
7156r2	54	Frame structure	RS amble
7216r1	50	Frame structure	RS amble
7176	80	Frame structure	Signaling
7193	41	Frame structure	Signaling
7215	6	Frame structure	Signaling
7235	55	Frame structure	Signaling
7236	52	Frame structure	Signaling
7255	92	Frame structure	Signaling
7256	93	Frame structure	Signaling
7265	L134	Frame structure	Signaling
7013r1	46	Frame structure	Signaling
7090r2	15	Frame structure	Signaling



## 2. Network Entry

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7260	23	Network entry	MS
7008r3	22	Network entry	MS
7028r2	4	Network entry	MS
7249		Network entry	RS
7263	L120	Network entry	RS
6158r2	99	Network entry	RS
7025r1	8	Network entry	RS
7040r5	12	Network entry	RS
7041r4	13	Network entry	RS
7088r1	11	Network entry	RS
7097r4	24	Network entry	RS
7144r2	7	Network entry	RS
7217r1	16	Network entry	RS

# 3. Security

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7201	42	Security	
7149r1	97	Security	
7134r2	104	Security	
7098r2	105	Security	
7188	L124	Security	
7189	L125	Security	

# 4. BW Request

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
None	19	Bandwidth request	
7034r2	20	Bandwidth request	
7101r2	21	Bandwidth request	
None	44	Bandwidth request	
7057r2	69	Bandwidth request	
7058r2	70	Bandwidth request	
7180	84	Bandwidth request	
7148r2	96	Bandwidth request	
7187	L123	Bandwidth request	
7175	L138	Bandwidth request	

## 5. Mobility Management

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7174	L129	Mobility management	MSHD
7186	L122	Mobility management	MSHD
7191	L146	Mobility management	MSHD
7220	5	Mobility management	MSHD
7234	14	Mobility management	MSHD
7238	32	Mobility management	MSHD
7239	37	Mobility management	MSHD
7246		Mobility management	MSHD
7247		Mobility management	MSHD
7248	L147	Mobility management	MSHD
7063r2	75	Mobility management	MSHD
7071r1	77	Mobility management	MSHD
7072r1	78	Mobility management	MSHD
7199r2	66	Mobility management	MSHD
7200r1	67	Mobility management	MSHD
7181	85	Mobility management	Ranging
7182	86	Mobility management	Ranging
7184	88	Mobility management	Ranging
7059r2	71	Mobility management	Ranging
7060r2	72	Mobility management	Ranging
7061r2	73	Mobility management	Ranging
7062r2	74	Mobility management	Ranging
7202	10	Mobility management	RSHD
7037r2	34	Mobility management	RSHD
7037r2	35	Mobility management	RSHD
7122r3	L139, L148	Mobility management	RSHD
7147r1	L142	Mobility management	RSHD
7219r1	33	Mobility management	RSHD
7205	LL149	Mobility management	Sleep/ide mode
7240	9	Mobility management	Sleep/ide mode
7245	118	Mobility management	Sleep/ide mode
7261	L136	Mobility management	Sleep/ide mode
7262	L119	Mobility management	Sleep/ide mode
7004r2	36	Mobility management	Sleep/ide mode
7007r3	30	Mobility management	Sleep/ide mode
7010r3	116	Mobility management	Sleep/ide mode
7035r2	31	Mobility management	Sleep/ide mode
7066r2	76	Mobility management	Sleep/ide mode

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

Number	Comment	Category	Sub Category
7210	111	Routing, path, connection & service flowmanagement	Connection management
7211	107	Routing, path, connection & service flowmanagement	Connection management
7254	L132	Routing, path, connection & service flowmanagement	Connection management
7264	L133	Routing, path, connection & service flowmanagement	Connection management
Nbne	17	Routing, path, connection & service flowmanagement	Connection management
7173	L128	Routing, path, connection & service flowmanagement	Routing & path management
7190	90	Routing, path, connection & service flowmanagement	Routing & path management
7192	91	Routing, path, connection & service flowmanagement	Routing & path management
7214	110	Routing, path, connection & service flowmanagement	Routing & path management
7241	2, 58	Routing, path, connection & service flowmanagement	Routing & path management
7031r2	39	Routing, path, connection & service flowmanagement	Routing & path management
7032r2	40	Routing, path, connection & service flowmanagement	Routing & path management
7126r4	59	Routing, path, connection & service flowmanagement	Routing & path management
7209r2	98	Routing, path, connection & service flowmanagement	Routing & path management
7225r1	101	Routing, path, connection & service flowmanagement	Routing & path management
7230	L131	Routing, path, connection & service flowmanagement	Service flow management
7244	117	Routing, path, connection & service flowmanagement	Service flow management
7093r1	106	Routing, path, connection & service flowmanagement	Service flow management
7212	108	Routing, path, connection & service flowmanagement	

# 7. Construction & Transmission of MAC PDUs

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7221r1	3	Construction & transmission of MAC PDUs	
7198r2	65	Construction & transmission of MAC PDUs	
7257	94	Construction & transmission of MAC PDUs	
7195	L141	Construction & transmission of MAC PDUs	
7267	LL152	Construction & transmission of MAC PDUs	

# 8. HARQ

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7232	26	HARQ	
7233	27	HARQ	
7204	28	HARQ	
7203	29	HARQ	
7196r2	63	HARQ	
7197r2	64	HARQ	
7185	89	HARQ	
7226r1	102	HARQ	
7252	L143	HARQ	
7253	L144	HARQ	

# 9. Measurement & Reporting

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7231	25	Measurement & reporting	
7129r3	38	Measurement & reporting	
7183	87	Measurement & reporting	
7213r1	109	Measurement & reporting	
7229	115	Measurement & reporting	
7171	L126	Measurement & reporting	



# 10. RRM, Scheduling & Interference Control

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7026r1	47	RRM, Scheduling & Interference control	
7172	L127	RRM, Scheduling & Interference control	
7194	L140	RRM, Scheduling & Interference control	
7207	LL150	RRM, Scheduling & Interference control	

# 11. PHY

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7251	112, 113	PHY	AAS
7258	L145	PHY	Cooperative relaying
7242r1	60	PHY	Cooperative relaying
7052r3	L137	PHY	Others
7259	L135	PHY	

# 12. Other MAC

<b>Number</b>	<b>Comment</b>	<b>Category</b>	<b>Sub Category</b>
7250r1	18, 62	Other MAC	ARQ
7206	LL151	Other MAC	MBS
7227	L130	Other MAC	MBS
7096r3	1	Other MAC	

# Tentative Schedule (from Tutorial, Mar. 2006)

Year	Month	802.16 session	Actions
<b>2006</b>	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
	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
<b>2007</b>	Jan.	#47 Interim	2nd WG letter ballot
	<b>Mar.</b>	<b>#48 Plenary</b>	1st sponsor ballot
	May.	#49 Interim	Sponsor Recirculation
	July.	#50 Plenary	Submission to Rev. Com
	Sep.	#51 Interim	SA Approval

# Motions expected to come at Relay TG Closing

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

# Relay-TG Meeting Calendar This Week

**16:00 - 18:00, Mon. 12 Mar. @Grand Sierra E**  
**08:00 - 18:00, Tue. 13 Mar. @Grand Sierra E**  
**08:00 - 18:00, Wed. 14 Mar. @Grand Sierra E**  
**08:00 - 18:00, Thu. 15 Mar. @Grand Sierra F**

**Caribe Royale Resort**  
**Orlando, FL, USA**  
**Please Join and see you!**

