

<i>Project</i>	<b>IEEE 802.16j Mobile Multihop Relay Task Group</b>	
<i>Title</i>	<b>Summary Report of Progress and Recommendation from 802.16j MPDU Construction Adhoc</b>	
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<i>Re:</i>		
<i>Abstract</i>	<i>Summary report of progress and recommendations from 802.16j MPDU Construction adhoc</i>	
<i>Purpose</i>	<i>Summary report of progress and recommendations from 802.16j MPDU Construction adhoc</i>	
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# Summary Report of Progress and Recommendation from 802.16j MPDU Construction Adhoc

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## 1. Overview

- Adhoc title: 802.16j MPDU construction
- Adhoc topic: 07/195, 07/198, 07/217, 07/221, 07/256, 07/257, 07/267, 07/285
- Adhoc chair: Jeffrey Z. Tao
- Teleconference schedule
  1. April 2, 2007 (1 hour)
  2. April 11, 2007 (1 hour)
  3. April 16, 2007 (1 hour)
  4. April 25, 2007 (2 hours)
- Outcome summary

Contribution	195	198	217	221	256	257	267	285
Status	S	A-M	S	S	A-M	A	S	A-M

Legend		
S	Superseded	A-M
A-M	Accepted-Modified	A
A	Accepted	

## 2. Recommendation and Comments

Contribution	Proposed Features	Recommendation	Comments
07/195 "Transmission using station CID"	1. Forwarding based upon destination/source basic CID. 2. An 8-bit QoS subheader to do QoS control, 3. A QoS subheader bit and a ownership bit (for multicast) in the header	1. Superseded by 07/195r4 and 07/309. 2. 07/195r4 and 07/309 shall be discussed in the TG.	Since 07/195 deals with multiple subjects that fall into different adhoc groups, the authors have been suggested to split the contribution into 07/195r4 and 07/309, each of which covers one single subject matter. Note that 07/195r4 now may fall into the category of "connection" or "path management". Given its dependency on 07/195r4, 07/309 shall be dealt with only after 07/195r4 is accepted by the TG.
07/198 "Proposal for Relay MAC PDU Format"	An optional relay MAC header used on the relay link	To accept 07/198r8 into the baseline.	In revision 8, the possible need of extending LEN field in the relay MAC header is better accommodated, and the description of the CID field is further generalized and relaxed.
07/217 "RS Configuration Description Broadcast"	A RS configuration description message.	1. Superseded by 07/217r2 2. 07/217r2 shall be discussed in the TG.	The authors have been suggested to provide more details for the message format, and submit the revision (07/217r2) to the TG for discussion.

07/221 "Access RS basic CID based routing and source QoS Control Scheme for data forwarding in 802.16j"	1. Forwarding based upon destination/source basic CID. 2. An 8-bit QoS subheader to do QoS control. 3. A QoS subheader bit in the header.	1. Superseded by 07/195r4 and 07/309. 2. No need to further consider this contribution by TG.	This contribution (r1) was merged with 07/195r3, which later has been superseded by 07/195r4 and 07/309. There is no need to further consider this contribution.
07/256 "Enhanced Remedy for relaying DCD and UCD messages in the in-band non-transparent scenario"	Send common parameters first via a multicast transmission (i.e., DCD/UCD common part), and then send specific parameters to the corresponding RS via a unicast transmission (i.e., DCD/UCD specific part).	To accept 07/256r2 into the baseline.	The authors have addressed the comment from M. Chion, and updated the contribution to revision. Please see minutes 07/328 for more details.
07/257 "Remedy for relaying DCD, UCD, DL-MAP and UL-MAP messages in the in-band nontransparent scenario"	MR-BS sends DCD/UCD with RS primary CID and DL/UL-MAP with RS basic CID to the RS. RS shall further broadcast DCD/UCD with fragmentable broadcast CID. RS shall further broadcast DL/UL-MAP with broadcast CID.	To accept 07/257 into the baseline.	
07/267 "A Proposal for Relay MAC PDU Format in 16j network"	Provide clarification on how MPDU can be constructed and how routing can be performed when a tunnel-in-tunnel configuration is used. Note: The tunnel-in-tunnel concept is currently supported by the baseline	1. Superseded by 07/267r2. 2. 07/267r2 shall be discussed in the TG.	In mailing list, H. Zheng raised the question of whether it is necessary to introduce a new subclause instead of commenting and clarifying the related existing subclause. The comment from H. Zheng (Nokia) is yet to be addressed by the authors.
07/285 "Signaling Acknowledgment Mechanism in MR Network"	An optional acknowledgment mechanism using an acknowledgment header in order to reduce overhead.	To accept 07/285r1 into the baseline.	The authors have addressed the comment from M. Hart and Y. Zhou, and updated the contribution to revision 1. Please see minutes 07/329 for more details.