Comments on some technical requirements in IEEE 802.16j-06/016

IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:

IEEE C802.16j-06/099

Date Submitted:

2006-09-19

Source:

Yanling Lu Voice: +86-10-82882897

Ting Li Fax: +86-10-82882383

Shulan Feng E-mail: luyanling@hisilicon.com;

Hisilicon Technologies liting@hisilicon.com;

Nan Tian Bldg.,No.10,Xinxi.Rd,Hai-Dian District, Beijing ,China fengsl@hisilicon.com;

Venue:

Mont Tremblant, Quebec, Canada

Abstact

This document is a proposal for some comments on M12 and O1/O15 in IEEE 802.16j-06/016

Purpose:

This document is provided in response for Call for Contributions IEEE 802.16j Relay Task Group on 2006-09-08

Comments on M12

Table 1 Mandatory Functional Requirements (original)

Number	Name	Requirements	Subject (MMR-BS/RS)	Notes
M12	Bandwidth request and allocation	MMR-BS shall support the bandwidth request and allocation mechanism **for RS.**	MMR-BS(M) RS(O)	

Do MMR-BS and RS not support bandwidth request and allocation mechanism for MS?

Comments on M12

Table 1Mandatory Functional Requirements

(Modified-1st way)

Number	Name	Requirements	Subject (MMR-BS/RS)	Notes
M12	Bandwidth request and allocation	MMR-BS shall support the bandwidth request and allocation mechanism for RS **and MS. RS may support the bandwidth request and allocation mechanism for MS**	MMR-BS(M) RS(O)	

Comments on M12

Table 1Mandatory Functional Requirements

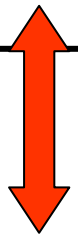
(Modified-2nd way)

Number	Name	Requirements	Subject (MMR-BS/RS)	Notes
M12	Bandwidth request and allocation **for RS**	MMR-BS shall support the bandwidth request and allocation mechanism for RS.	MMR-BS(M) RS(O)	
M20	Bandwidth request and allocation **for MS**	**MMR-BS shall support the bandwidth request and allocation mechanism for MS . RS may support the bandwidth request and allocation mechanism for MS**	MMR-BS(M) RS(O)	

Comments on O1\O15

Table 2 Optional Functional Requirements (original)

Num.	Name	Requirements	Subject (MMR-BS/RS)	Notes
O1	**Relay path** selection	The specification shall define a mechanism to set up and maintain multi-hop paths	MMR-BS(O) RS(O)	There can be centralized and distributed approaches to determine a relay path
O15	Multiple **relay path**	The specifications shall support the creation of more than one multi-hop path **between an MMR-BS and MS**	MMR-BS(O) RS(O)	



Not Consistent!

Reference:

In IEEE 802.16j-06/014 ,“2.25 **relay path**: Concatenation of k consecutive relay link(k>=1) **between the MMR-BS and the designated access RS**

Comments on O1\O15

- Table 2 Optional Functional Requirements (Modified)

Num.	Name	Requirements	Subject (MMR-BS/RS)	Notes
O1	~~*Relay*~~ **multi-hop** path selection	The specification shall define a mechanism to set up and maintain multi-hop paths	MMR-BS(O) RS(O)	There can be centralized and distributed approaches to determine a relay path
O15	Multiple ~~*Relay*~~ **multi-hop** path	The specifications shall support the creation of more than one multi-hop path between an MMR-BS and MS	MMR-BS(O) RS(O)	

Thanks!