

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Comments on second stage access station selection	
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Re:	IEEE 802.16-08/007: "IEEE 802.16 Working Group Letter Ballot Recirc #28b: Announcement"	
Abstract	This contribution proposes to modify second stage access station selection	
Purpose	Text proposal for 802.16j Draft Document.	
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Comments on second stage access station selection

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Introduction

If the current access station is changed, the MR-BS shall start T65 timer and send the RS_AccessRS-REQ message to the RS to indicate the preamble index of a newly selected access station. The MR-BS and the RS shall perform network re-entry as described in 6.3.9 with the following modifications.

Moreover, Figures 102a-i are no longer consistent with the text and shall be deleted.

In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the draft standard P802.16j/D3 are listed below.

Spec changes

[Remove the following Tables as indicated:]

~~Figure 102a~~

~~Figure 102b~~

~~Figure 102c~~

~~Figure 102d~~

~~Figure 102e~~

~~Figure 102f~~

~~Figure 102g~~

~~Figure 102h~~

~~Figure 102i~~

6.3.9.17 Second stage access station selection

[Modified the following text in line 30 of page 102 as indicated:]

The second access station selection procedure performed in phase ~~4~~m) is an optional procedure as indicated by the RS network entry optimization TLV in the RNG-RSP message. This operation happens after the neighbor station measurement report and before the RS operation parameter configuration. During this operation, the MR-BS shall determine the best path (i.e. access station) for this RS based on the RS's neighbor station measurements and other information such as path loading. If the current access station is changed and is located in the same MR-cell, the MR-BS shall start T65 timer and send the RS_AccessRS-REQ message to the RS to indicate the preamble index of the selected access station. The RS shall respond with the MR_Generic-ACK message. If the access station indicated in the RS_AccessRS-REQ message is not the access station the RS is currently attached to, the MR-BS and the RS shall perform network re-entry as described in 6.3.9. Once T65 expires, the MR-BS shall release resources allocated to the corresponding RS.

10.1 Global values

[Modified the following Table 583 as indicated:]

Table 583—Parameters and constants

System	Name	Time reference	Minimum value	Default value	Maximum value
<u>MR-BS</u>	<u>T65</u>	<u>Wait for RNG-REQ message with RS basic CID after sending RS AccessRS-REQ message which indicates the access station changed</u>	<u>TBD</u>	<u>TBD</u>	<u>TBD</u>