

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Fix Improper SS/MS Changes in 6.3.2.3.26 DREG-CMD message	
Date Submitted	2005-6-10	
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Re:	Fix Improper SS/MS Changes in 6.3.2.3.26 DREG-CMD message	
Abstract	Current proposed language changes in 802.16e/D8 to 6.3.2.3.26 DREG-CMD messages breaks backwards compatibility, is out-of-scope of the 16e PAR	
Purpose	Provide remedy to fix identified problems to bring document back into conformance with the 16e PAR while preserving the added functionality	
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Fix Improper SS/MS Changes in 6.3.2.3.26 DREG-CMD message

Phillip Barber

Huawei

Problem: Again, inappropriate SS to MS changes from the 802.16-2004 documents that would remove necessary specification for 802.16-2004 compliant SS breaking backwards compatibility thus is out-of-scope of the 16e PAR.

Simple remedy is to change the MS back to SS where appropriate in the Table. This MUST be fixed.

Also, in Action Code 2 actions, correcting improper Action Code response to resume Normal Operation specified. Says '0x00' but should be '02 or 03'.

[Phil Barber: 2005-6-10] Based on comments received from Ori Zivan, clarify language in 0x7 so that it is clear that a subsequent DREG-CMD that includes Code 0x3 will end the restriction of 0x7.

Remedy:

[In 6.3.2.3.26 De/Re-register command (DREG-CMD) message, page 61, Table 55—Action codes and actions, replace Table as:]

Table 55—Action codes and actions

Action Code (hexadecimal)	Action
00	SS shall leave the current channel and attempt to access another channel immediately terminate service with the BS and should attempt network entry at another BS
01	SS shall listen to the current channel BS but shall not transmit until an RES-CMD message or DREG_CMD with Action Code that allows transmission 02 or 03 is received.
02	SS shall listen to the current channel BS but only transmit on the Basic, and Primary Management, and Secondary Management Connections.
03	SS shall return to normal operation and may transmit on any of its active connections.
04	SS shall terminate current Normal Operations with the BS; the BS shall transmit this action code only in response to any SS DREG-REQ message.
<u>05</u>	<u>MS shall immediately begin de-registration from serving BS and request initiation of MS Idle Mode</u>
<u>06</u>	<u>The MS may retransmit the DREG-REQ message after the time duration (REQ-duration) provided in the message</u>
<u>07</u>	<u>The MS shall not retransmit the DREG-REQ message and shall wait the DREG-CMD message. BS transmittal of a subsequent DREG-CMD with Action Code 03 shall cancel this restriction.</u>
<u>0x0508-FF</u>	<i>Reserved</i>