Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	SMC parameters
Date Submitted	**2005-03-16**
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Re:	IEEE P802.16REVd/D5-2004
Abstract	Parameters for secondary management connection
Purpose	Adopt changes.
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SMC parameters
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1.   Introduction

Secondary Management Connection (SMC) has no traffic parameters. So no peak rate and no traffic
priority respect to other traffic connections are defined.
Currently this is not an issue for the other management connections (Basic and Primary management
connections) since messages that belong to these management connection shall respect constraints,
timers and roles mandated by the protocols.

Currently, since the scheduling algorithms are vendor specific, there is no control on the constraints
about the SMC.
For example it can be possible that during a software download the SMC takes priority over all the
data transport connections. Since an FTP session could require some seconds, it's possible that data
traffic is blocked for a long time period.

The following proposal adds QoS parameter to the SCM within REG-RSP message used to create
SCM during network entry phase.

2.   Text changes

[Change page 14, Line 16, chapter 6.3.2.3.8 of P802.16-2004/Cor1-D1 as indicated]

Secondary Management CID (11.7.5)
   Present only if the SS has indicated in the REG-REQ that it is a managed SS.
   When the Secondary Management CID is present, the following uplink QoS parameters may be also
   included in the message:
   Traffic priority (11.13.5)
   Maximum sustained traffic rate (11.13.6)
   Minimum reserved traffic rate (11.13.8)
   Maximum latency (11.13.14)

[Insert page 136, Line 56, chapter 11.13.5 of P802.16-2004/Cor1-D1]

11.13.5 Traffic priority
Change the following table at page 699 of IEEE 802.16-2004

Type	Length	Value	Scope

| [145/146].6 | 1 | 0 to 7 — Higher numbers indicate higher priority Default 0 | DSx-REQ DSx-RSP DSx-ACK REG-RSP |

11.13.6 Maximum sustained traffic rate
Change the following table at page 699 of IEEE 802.16-2004

Type	Length	Value	Scope
[145/146].7	4	Rate (in bits per second)	DSx-REQ DSx-RSP DSx-ACK REG-RSP

11.13.8 Minimum reserved traffic rate
Change the following table at page 700 of IEEE 802.16-2004

Type	Length	Value	Scope
[145/146].9	4	Rate (in bits per second)	DSx-REQ DSx-RSP DSx-ACK REG-RSP

[Insert page 136, Line 60, chapter 11.13.14 of P802.16-2004/Cor1-D1]

11.13.14 Maximum latency
Change the following table at page 702 of IEEE 802.16-2004

Type	Length	Value	Scope
[145/146].14	4	M s	DSx-REQ DSx-RSP DSx-ACK REG-RSP