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