

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	A method for MSS to determine service flows that may generate paging	
Date Submitted	2004-07-08	
Source(s)	<p>Moo Ryong Jeong, Toshiro Kawahara DoCoMo Communication Labs. USA, Inc. 181 Metro Drive, Suite 300 San Jose, CA 95110, USA</p> <p>Jeong-Hwi Kim, Min Sung Kim 17, Woomyeon-dong, Seocho-gu Seoul, 137-792, KOREA</p>	<p>Voice: +1-408-451-4761 Fax: +1-408-573-1090 mrj@ieee.org</p> <p>Voice: +82-2-526-6157 Fax: +82-2-526-5200 kimjh7@kt.co.kr</p>
Re:	P802.16e/D3	
Abstract	A method for MSS to determine service flows that may generate paging	
Purpose	Adoption of proposed changes into P802.16e/D3	
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A Method for MSS to determine packets to be paged

Moo Ryong Jeong, Toshiro Kawahara, Jeong-Hwi Kim, Min Sung Kim

Motivation

Current standard does not provide a way for an MSS to determine which Service Flow may generate paging. This may be a problem because of the following reasons:

- It would be a waste of power and resource if an MSS is paged due to the packets in which it is not interested.
- It would be a loss of meaningful packets if an MSS is not paged even when it is interested.

One solution to this problem is to allow an MSS to express its paging preference when creating or changing Service Flows. Encoding of the preference may be defined as one of the Global Service Flow Class Name Parameters in 6.3.14.4.1 or defined as one of the Service Flow management encodings in 11.13. Associated BS's behavior may be described in 6.3.21.7.

Specific Text Changes

6.3.14.4.1 Global Service Flows

[Change the third paragraph as follows.]

Global Service Class Name—A rules based, composite name parsed in [seven](#), one-byte parts of format ISBRLSP, elements reference extensible look-up tables. Byte placeholders must be expressed values; may not be omitted.

[Insert the following entries to the Table 103a.]

Table 103a-Global Service Flow Class Name Parameters

Position	Name	Size	Value
P	Paging preference	1 byte	0 or 1; 0=No paging generation; 1=Paging generation

6.3.21.7 BS Broadcast Paging Message

[Insert the following sentence at the end of first paragraph in 6.3.21.7.]

For a BS Broadcast Paging message to be transmitted to indicate the presence of DL traffic pending, there shall be at least a packet in the DL traffic whose Paging Preference indicates paging generation.

11.13 Service Flow management encodings

[Insert the following entries to the Table 381.]

Table 381-Service flow encodings

Type	Parameter
29	Type of Data Delivery Services
30	SUD Inter-arrival Interval
31	Time Base
32	Paging Preference

[Insert new section.]

11.13.26 Paging Preference

This parameter specifies whether a Service Flow may generate paging.

Type	Length	Value	DSX
[145/146].32	1	0: No paging generation 1: Paging generation	DSx-REQ DSx-RSP DSx-ACK