

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >
Title	Global service flows clarifications
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Re:	
Abstract	Clarify ambiguity in global service flows name definition
Purpose	Adopt into P80216_Cor2_D1
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Global service flows clarifications

General

In section 6.3.14.4.1, the naming scheme for the global service class names is ambiguous since it uniquely correlates the parameter position with a letter, but Cor2 changes to the parameters actually added parameters with same position identification letter, which causes ambiguity of parsing the name.

The proposed solution uniquely assign position identification letter to a parameter and defines their position within the name.

Specific changes

[In section 6.3.14.4.1, perform the indicated changes to page 121 and 122 of P80216_Cor2_D1, changes are indicated with RED]

Change the third paragraph as indicated:

Global service class name—A rules-based, composite name parsed in eight information fields of format ISBRLSPS1L1S2S3S4S5FR, elements reference extensible look-up tables. Each information field placeholder must be an expressed value obtained from Table 124a, as part of the name depending on values of fields indicating its availability, and mayshall not be omitted.

Table 124a—Global service flow class name information field parameters

Position	Name	Size (bits)	Value
I	Uplink/Downlink indicator	1	0 or 1: 0=uplink; 1=downlink
S	Maximum sustained traffic rate	6	Extensible look-up Table 124b (value 0b111111 indicates TLV to follow)
F	Traffic indication preference	1	1=0 or 1: 0=No traffic indication; 1=Traffic indication
B	Maximum traffic burst	6	Extensible look-up Table 124b (value 0b111111 indicates TLV to follow)
R	Minimum reserved traffic rate	6	Extensible look-up Table 124b (value 0b111111 indicates TLV to follow)
L	Maximum latency	6	Extensible look-up Table 124c (value 0b111111 indicates TLV to follow)
S	Fixed-length versus variable length SDU indicator	1	0 or 1: 0=variable length; 1=fixed length
P	Paging preference	1	1 0 or 1: 0 = No paging generation 1 = Paging generation
<u>S1</u>	<u>Uplink Grant Scheduling Type</u>	<u>3</u>	(refer to 11.13.11) 1 - Undefined, 2 = BE, 3 = nrtPS, 4 = rtPS, 5 = ertPS, 6 = UGS
<u>L1</u>	<u>Tolerated Jitter</u>	<u>6</u>	<u>Extensible look-up Table (value 0b111111 indicates TLV to follow). This is available only for Uplink Grant Scheduling Type = ertPS, or UGS.</u>

			<u>This field is included when I=0 and S1=5 or 6.</u>
<u>S2</u>	<u>Request/Transmission Policy</u>	8	(Refer to 11.13.12)
<u>S3</u>	<u>Traffic Priority</u>	3	(Refer to 11.13.5) This is used only for Uplink Grant Scheduling Type = rtPS, ertPS, nrtPS or BE. <u>This field is included when I=0 and S1=2 or 3 or 4 or 5.</u>
<u>S4</u>	<u>Unsolicited Grant Interval</u>	6	Extensible look-up Table (value 0b111111 indicates TLV to follow) This is available only for Uplink Grant Scheduling Type = ertPS, or UGS. <u>This field is included when I=0 and S1=5 or 6.</u>
<u>S5</u>	<u>Unsolicited Polling Interval</u>	6	Extensible look-up Table (value 0b111111 indicates TLV to follow). This is available only for Uplink Grant Scheduling Type = rtPS. <u>This field is included when I=0 and S1=4.</u>
R	Reserved	45	Shall be set to 0b00000