Project	IEEE 802.16 Broadband Wireless Access Working Group < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >		
Title	TLVs for Data Delivery Service	es	
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Re:	Call for Work Group review of 802.16e-03/07r5 Working Document		
Abstract	The document contains suggestions for definition of TLVs for Data Delivery Srevices for 802.16e		
Purpose	The document is contributed to support certain comment on the 802.16e Working Document		
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# **TLVs for Data Delivery Services**

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This document provides specific changes in TGe working document IEEE 802.16e-03/07r5 to provide additional TLVs needed for support of recently defined Data Delivery Services (see [1], [2]).

#### [Add to Table 296—Service flow encodings]

Type	Parameter
29	Type of Data Delivery Services
30	SDU Inter-arrival Interval
31	Time Base
33	Minimum Tolerable Traffic Rate

#### [Add new sections]

### 11.4.9.21 Type of Data Delivery Services

The value of this parameter specifies type of Data delivery Service as defined in 6.4.16

Type	Length	Value	Scope
[24/25].29	1	0: Continuing Grant Service	DSA-REQ, DSA-RSP
		1: Real Time - Variable Rate Service	DSC-REQ DSC-RSP
		2: Non-Real Time - Variable Rate service	REG-REQ, REG-RSP
		3: Best Efforts Service	

#### 11.4.9.22 SDU Inter-arrival Interval

This parameter specifies nominal interval between consequent SDU arrivals as measured at MAC SAP.

Type	Length	Value	Scope
[24/25].30	2	SDU Inter-arrival Interval in units of 0.5 ms	DSA-REQ, DSA-RSP
			DSC-REQ DSC-RSP
			REG-REQ, REG-RSP

#### **11.4.9.23** Time Base

This parameter specifies time base for rate measurement as defined in 6.4.16.

Type	Length	Value	Scope
[24/25].31	2	Time Base in ms	DSA-REQ, DSA-RSP
			DSC-REQ DSC-RSP
			REG-REQ, REG-RSP

## 11.4.9.24 Minimum Tolerable Traffic Rate

This parameter specifies time base for rate measurement as defined in 6.4.16.

Type	Length	Value	Scope
[24/25].33	4	Minimum Tolerable Traffic Rate in bits per	DSA-REQ, DSA-RSP
		sec	DSC-REQ DSC-RSP
			REG-REQ, REG-RSP

## **References**

- [1] IEEE 802.16e-03/07r5 TGe Working Document (2003-12-09)
- [2] IEEE C802.16e-03/58 Definition of Data Delivery Services by Vladimir Yanover, Leonid Shousterman, Ronnie Shechter