Project	**IEEE 802.16 Broadband Wireless Access Working Group** <http://ieee802.org/16>
Title	**Comments on the Proposed Baseline Content on the Uplink Control Structure for the 802.16m SDD**
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Re:	IEEE C802.16m-08/725: Proposed Baseline Content on the Uplink Control Structure for the 802.16m SDD
Abstract	This provides a modified text in 11.x.2.5 Bandwidth Request Channel.
Purpose	To be discussed and adopted into the 802.16m SDD.
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Comments on the Proposed Baseline Content on the Uplink Control Structure for the 802.16m SDD

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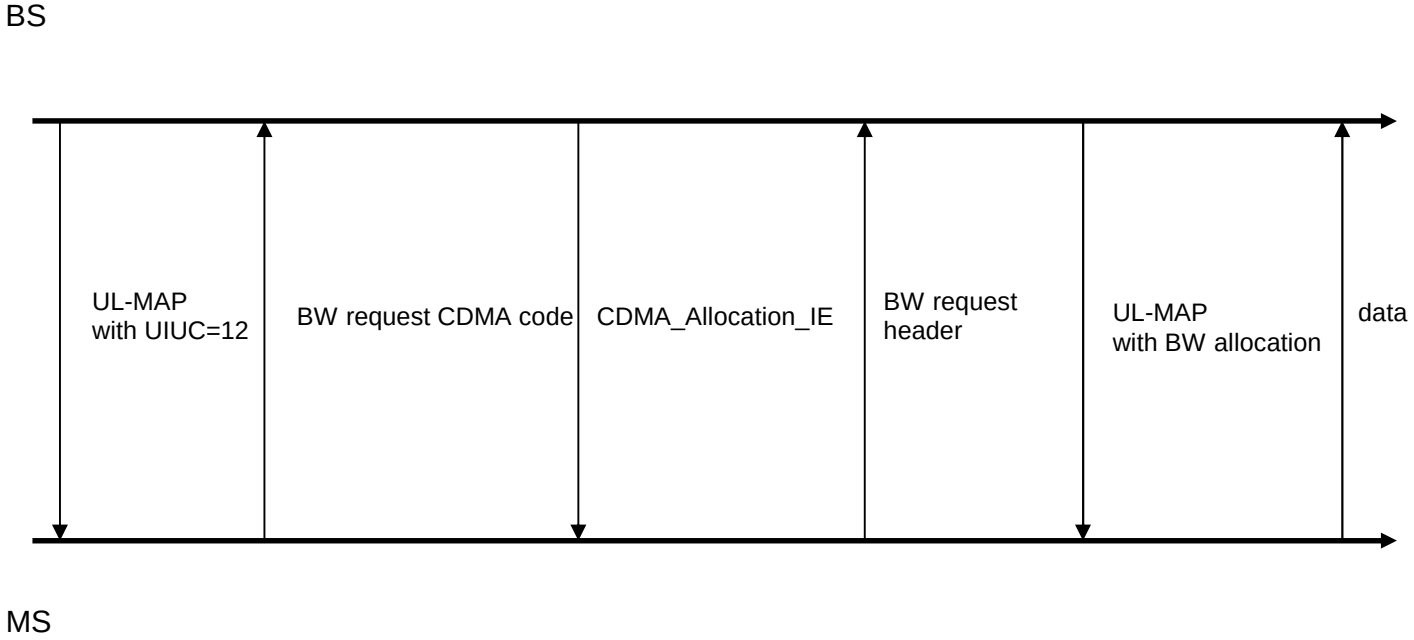
Posdata

1. Introduction

For delivering the data, if the MS uses contention-based bandwidth request mechanism described in 6.3.6.5 of IEEE 802.16e-2005 [1], normally five handshakes between BS and MS are required regardless of the QoS requirement associated with traffic requesting uplink bandwidth. Figure 1 describes the contention-based bandwidth allocation mechanism described in IEEE 802.16e-2005.



To support different levels of QoS, it is desirable that the contention-based bandwidth request channel provides a mechanism for prioritized bandwidth requests.

2. Text Proposal

[Modify line 34-38, page 6, 11.x.2.5 as indicated:]

--- start of the text change ---

11.x.2.5. Bandwidth Request Channel

Contention based [or non-contention based] random access is used to transmit a bandwidth request indicator on this control channel. To support different levels of QoS, bandwidth request channel provides a mechanism for prioritized bandwidth requests. [Inclusion of additional information in a bandwidth request indicator such as bandwidth request size, MS-ID, flow identifier, UL transmit power report and CINR report is FFS.]

--- end of the text change ---

3. References

[1] IEEE 802.16e-2005, February 2006.
[2] IEEE C802.16m-08/725, Proposed Baseline Content on the Uplink Control Structure for the 802.16m SDD, July 2008.
[2] IEEE 802.16m-08/003r3, The Draft IEEE 802.16m System Description Document, June 2008.