Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**DBTC Protocol**
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Re:	Letter Ballot #3
Abstract	A description of the use of the DBTC MAC Management messages
Purpose	Provide text and figures for a comment for Letter Ballot #3.
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DBTC Protocol

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Explicit Changes

1. On page 142, line 40 – replace “the RNG-REQ message” with “either of three methods”.

2. On page 142, line 41 – replace the last 2 sentences of the paragraph and the following figure (91) with:

“If the SS has a station maintenance interval available it shall send a RNG-REQ message to which the BS responds with a RNG-RSP message. Otherwise, the SS shall send a DBTC-REQ message in an uplink allocation addressed to that SS’s basic connection (regardless of whether the SS is GPC or GPT). The BS responds with a DBTC-RSP message. If neither of these options is available, and the SS requires a more robust burst profile on the downlink, the SS shall send a RNG-REQ message in an initial maintenance interval. In all three methods, the message is sent using the basic CID of the SS. The coordination of message transmit and receipt relative to actual change of modulation is different depending upon whether an SS is transitioning to a more or less robust burst type. Figure 1 shows the case where an SS is transitioning to a more robust type. Figure 2 shows transition to a less robust burst type.

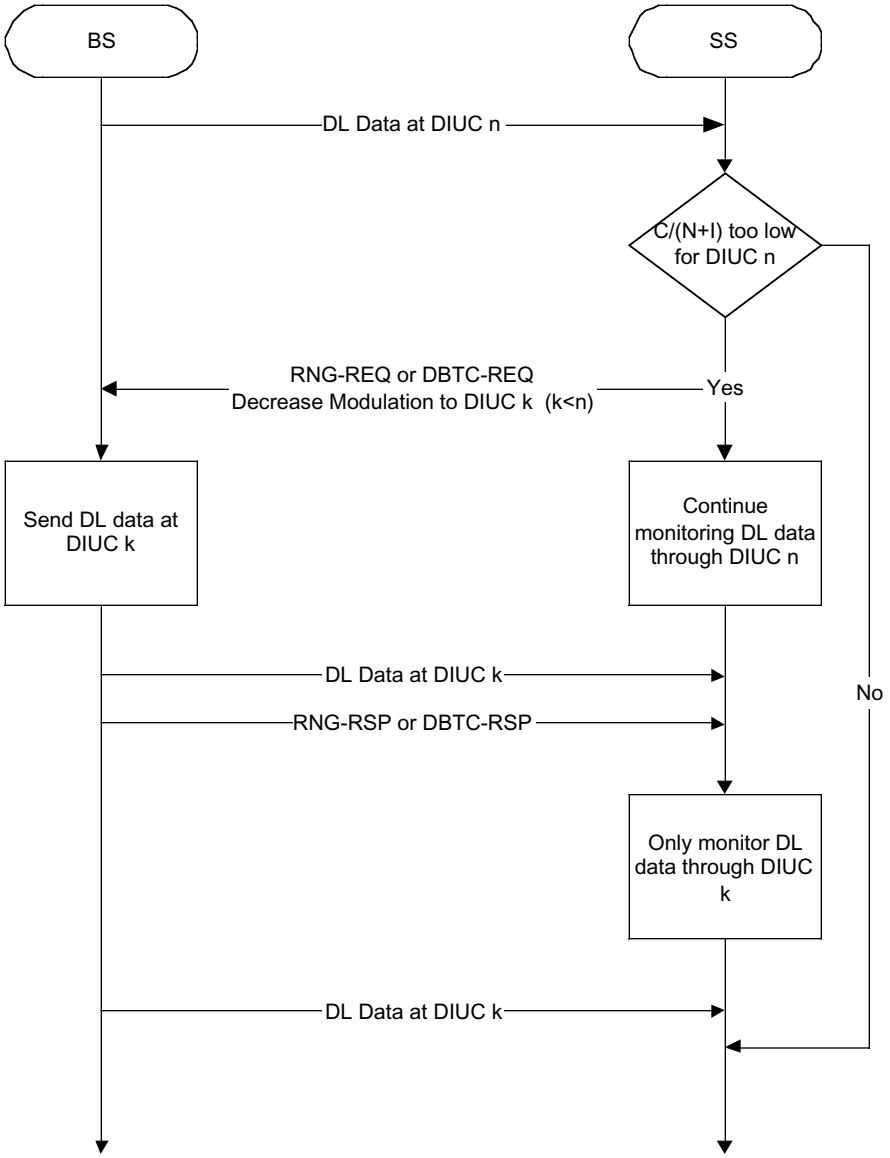

Figure 1: Transition to a More Robust Burst Type

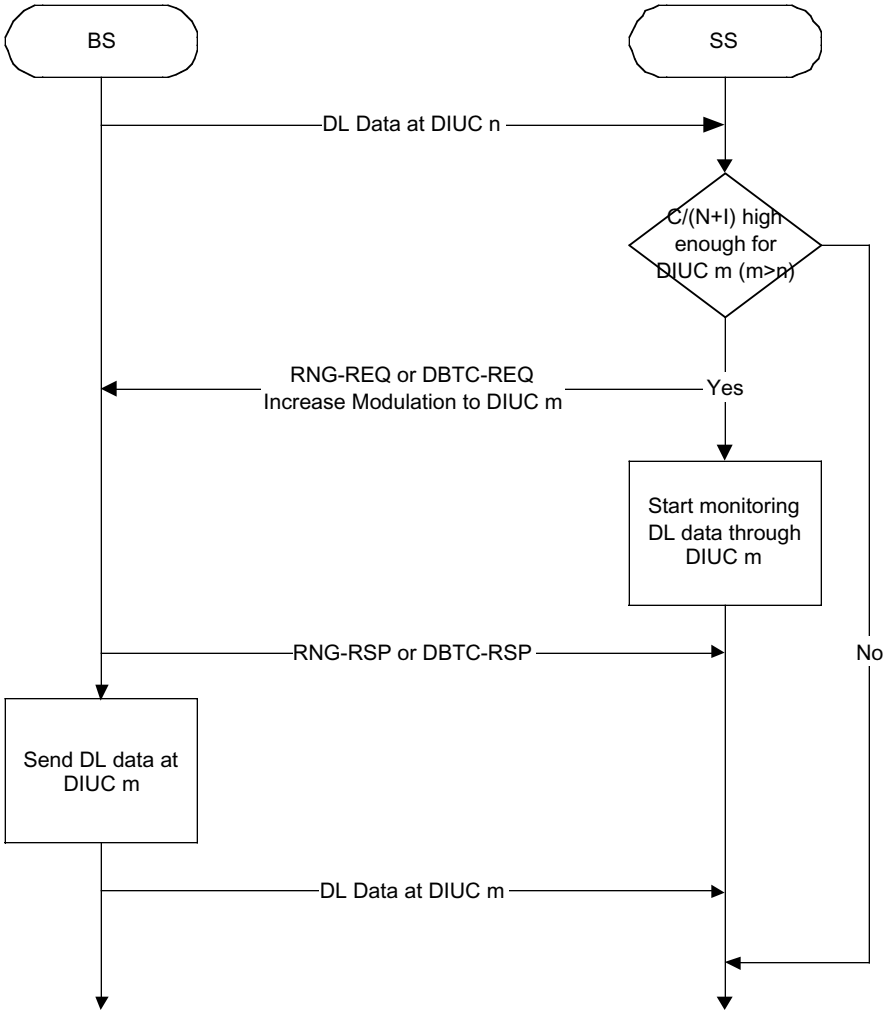

Figure 2: Transition to a Less Robust Burst Type