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Title	<b>Proposed Text on BW-REQ Channel for Baseline Content of Uplink Control Structure for IEEE 802.16m SDD based on Contribution C802.16m-08/725</b>	
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Re:	UL Control Rapporteur Group Discussions	
Abstract	This contribution provides the requirements on ranging sequences.	
Purpose	For review and discussion in the Project 802.16m UL Control Rapporteur Group	
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# Requirements for Ranging Sequences Design for 802.16m

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## 1 Introduction

This contribution proposes text for section “11.x.2.5 Bandwidth Request Channel” in C802.16m-08/725 “Proposed Baseline Content on the Uplink Control Structure for the 802.16m SDD”,

## 2 Proposed text

-----Text start -----

### 11.x.2.5 Bandwidth request channel

The random access bandwidth request procedure is described in Figure 11.x.1. A 5-step regular procedure (step 1 to 5) or an optional quick access procedure (step 1,4 and 5 skipping) may be supported concurrently. Step 2 and 3 are optional used only in 5-step regular procedure. In step 1, MS sends a bandwidth request indicator that may indicate information such as MS addressing and/or request size (FFS) and/or UL transmit power report (FFS), and the BS may allocate UL grant based on certain policy. The 5-step regular procedure is used independently or as fallback mode for quick access procedure. The MS may piggyback additional BW-REQ information along with user data during UL transmission (step 5).

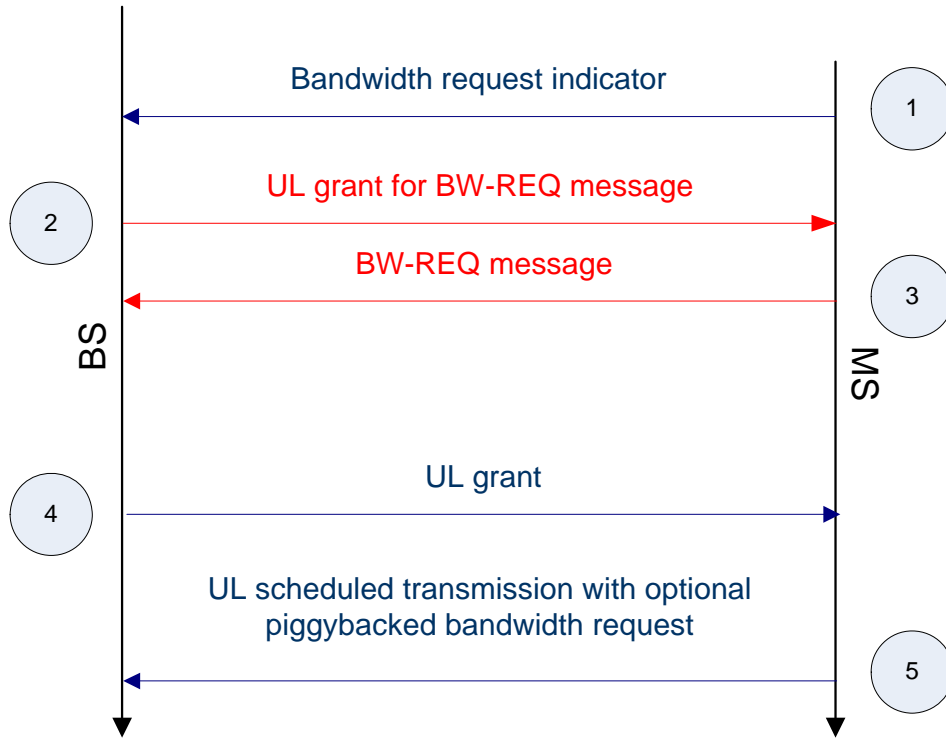


Figure 11.x.1 BW-REQ procedure

**11.x.2.5.1 Multiplexing with other control channels and data channels**

The BS can configure the allocation in terms of the number of resource units for bandwidth request channel.

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