Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Clarification to Randomizer operation in OFDM mode**
Date Submitted	**2004-11-02**
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Re:	Supporting document for call for contribution for corrigendum document
Abstract	In P802.16 REVd/D5 [1] Section 8.3.3.1, the Randomizer operation and re-initialization is ambiguous during transition to burst #1. In particular, since the randomizer is not re-initialized for 1st burst following the FCH, it is not clear if the randomizer state needs to be advanced by 8 (number of bits in the zero tail byte) or not. This contribution provides the clarification needed to resolve the ambiguity.
Purpose	Adoption in P802.16-2004/Cor 1
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1. Introduction

In P802.16 REVd/D5 [1] Section 8.3.3.1, the Randomizer operation and re-initialization is ambiguous during transition to burst #1. In particular, since the randomizer is not re-initialized for 1st burst following the FCH, it is not clear if the randomizer state needs to be advanced by 8 (number of bits in the zero tail byte) or not. This contribution provides the clarification needed to resolve the ambiguity.

2. Proposed Solution

TBD

3. Proposed Changes

Proposed Text Change:

TBD

4. References:

[1] IEEE P802.16-REVd/D5-2004 Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems

[2] IEEE P802.16-REVe/D5-2004 Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands