

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification on Table of MAC signaling header types over IEEE 802.16.1a	
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Re:	“IEEE 802.16-12-400-00-Gdoc,” in response to Letter Ballot Recirc #38b on P802.16.1a/D3	
Abstract	Comments on Table of MAC signaling header types in GRIDMAN Draft Standard	
Purpose	To discuss and adopt the proposed text in the draft amendment document on GRIDMAN	
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Clarification on Table of MAC signaling header types over IEEE 802.16.1a

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1. Introduction

This document provides clarification on the table of MAC signaling header types over IEEE 802.16.1a.

2. References

- [1] IEEE 802.16-12-0132-00, GRIDMAN System Requirement Document including SARM annex, January 2012.
- [2] IEEE P802.16nTM/D3, Air Interface for Broadband Wireless Access Systems - Draft Amendment: Higher Reliability Networks, June 2012.
- [3] IEEE P802.16.1aTM/D3, WirelessMAN-Advanced Air Interface for Broadband Access Systems - Draft Amendment: Higher Reliability Networks, June 2012.
- [4] IEEE P802.16Rev3/D6, IEEE Draft Standard for Local and metropolitan area networks; Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems,” April 2012.
- [5] IEEE P802.16.1TM/D6, IEEE Draft for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems, April 2012.

3. Proposed Text on the IEEE 802.16.1a Amendment Draft Standard

[-----Start of Text Proposal-----]

[Remedy: change line #8-9, page 4 on P802.16.1a/D3 as follows:]

Table 100—Type field encodings for MAC signaling header types

Type field (5 bits)	MAC signaling header type
<u>00000</u>	<u>BR with STID</u>
<u>---</u>	
<u>00001</u>	<u>BR without STID</u>
<u>00010</u>	<u>Service specific scheduling control header</u>

Table 100 – Type field encodings for MAC signaling header types

Type field (5-bits)	MAC signaling header type
<u>00011</u>	<u>Sleep control</u>
<u>00100</u>	<u>AMS battery level level report</u>
<u>00101</u>	<u>Uplink power status report</u>
<u>00110</u>	<u>Correlation matrix feedback</u>
<u>00111</u>	<u>MIMO feedback</u>
<u>01000-11111</u>	Reserved
<u>01000</u>	<u>Grant Management</u>
<u>01001</u>	<u>Switched Access Control</u>
<u>01010</u>	<u>Ranging Notification</u>
<u>01011-11111</u>	Reserved

Table 6 - Type field encodings for MAC signaling header types

Type field (5-bits)	MAC signaling header type
000000	BR with STID
00001	BR without STID
00010	Service specific scheduling control header
00011	Sleep control
00100	AMS battery level level report
00101	Uplink power status report
00110	Correlation matrix feedback
00111	MIMO feedback
01000	Grant Management
<u>01001-11111</u>	<i>Reserved</i>
<u>01001</u>	<u>Switched Access Control</u>
<u>01010</u>	<u>Ranging Notification</u>

Table 6 - Type field encodings for MAC signaling header types

Type field (5-bits)	MAC signaling header type
<u>01011-11111</u>	<i>Reserved</i>

[-----End of Text Proposal-----]

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