Project	**IEEE 802.16 Broadband Wireless Access Working Group** <http://ieee802.org/16>
Title	**Clarification on service flow management encodings over IEEE 802.16n**
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Re:	"IEEE 802.16-12-400-00-Gdoc," in response to Letter Ballot Recirc #37b on P802.16n/D3
Abstract	Comments on service flow management encodings 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 service flow management encodings over IEEE 802.16n

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1. Introduction

This document provides clarification on the type field of service flow management encodings over IEEE 802.16n.

2. References

[1] IEEE 802.16-12-0132-00, GRIDMAN System Requirement Document including SARM annex, January 2012.
[2] IEEE P802.16n™/D3, Air Interface for Broadband Wireless Access Systems - Draft Amendment: Higher Reliability Networks, June 2012.
[3] IEEE P802.16.1a™/D3, WirelessMAN-Advanced Air Interface for Broadband Access Systems - Draft Amendment: Higher Reliability Networks, June 2012.
[4] EEE 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 P802.16.1™/D6, IEEE Draft for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems, April 2012.

3. Proposed Text on the IEEE 802.16n Amendment Draft Standard

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

[Remedy1: change line#2-#9, page 59 in P802.16n as follows:]

11.13 Service flow management encodings

Insert the following rows at the end of Table 713:

Table 713 - Service flow encodings

Type	Parameter
58	Direct Communication

Table 713 - Service flow encodings

Type	Parameter
59	HR multicast service
60	HR multicast group zone identifier assignment
~~zz~~61	Multicast Group ID
~~zz+1~~62	Multicast Indication Cycle assignment
~~zz+2~~63	Feedback request indicator
~~zz+3~~64	Logical channel indicator
~~zz+4~~65	Probability indicator of sending ranging preamble
66	FBIS Connection Indication

~~*Insert the following rows at the end of Table 713:*~~

~~Type~~	~~Parameter~~
~~zz+2~~	~~FBIS Connection Indication~~

[Remedy2: change line#13-#14, page 60 in P802.16n as follows:]

Type	**Length**	**Value**	**Scope**
[145/146].~~zz~~61	2	Multicast group identifier	DSA-REQ, DSA-RSP, DSC-REQ

[Remedy3: change line#21-#22, page 60 in P802.16n as follows:]

Type	**Length**	**Value**	**Scope**
[145/146].~~zz+1~~62	1	Multicast Indication Cycle in unit of 8 LSB of frame number.	DSA-REQ/DSA-RSP/DSC-REQ

[Remedy4: change line#2-#3, page 61 in P802.16n as follows:]

Type	Length	Value	Scope
[145/146].~~zz+2~~63	1	0x00: ACK only 0x01: NACK only 0x02-0xFF: Reserved and set to zero.	DSA-REQ/DSA-RSP/DSC-REQ

[Remedy5: change line#5-#6, page 61 in P802.16n as follows:]

Type	Length	Value	Scope
[145/146].~~zz+3~~64	2	12LSB Indicate the index of the logical channel assigned to this multicast 4 MSBs are reserved and set to zero.	DSA-REQ/DSA-RSP/DSC-REQ

[Remedy6: change line#5-#6, page 61 in P802.16n as follows:]

Type	Length	Value	Scope
[145/146].~~zz+4~~65	2	10 LSBs indicate the probability of sending the NAK if NAK is indicated, probability = 2^{-pi} 6 MSBs are reserved and set to zero.	DSA-REQ/DSA-RSP/DSC-REQ

[Remedy7: change line#12-#13, page 61 in P802.16n as follows:]

Type ~~(1byte)~~	Length	Value ~~(variable length)~~	Scope
[145/146].~~(x+4)~~66	1	Bit 0: FBIS Connection indication Bits 1–7: Reserved	DSx-REQ, DSx-RSP

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