Project	**IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>**	
Title	**Proposed Change on AAI-MM-ADV over IEEE 802.16.1a**	
Date Submitted	**2011-10-31**	
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Re:	"IEEE 802.16n-11/0020," in response to Call for Comments on GRIDMAN AWD	
Abstract	AAI-MM-ADV message format clarification on IEEE 802.16 GRIDMAN Amendment Draft Standard	
Purpose	To discuss and adopt the proposed text in the draft amendment document on GRIDMAN	
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Proposed Change on AAI-MM-ADV over IEEE 802.16.1a

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1. Introduction

This document provides the change on the AAI-MM-ADV message format in IEEE 802.16.1a[3] (i.e., over WirelessMAN-AAI[5]), including FA change.

2. References

[1] IEEE 802.16n-10/0048r2, 802.16n System Requirement Document including SARM annex, July 2011.
[2] IEEE 802.16n-11/0024, P802.16n Draft AWD, October 2011.
[3] IEEE 802.16n-11/0025, P802.16.1a Draft AWD, October 2011.
[4] IEEE P802.16Rev3/D2, IEEE Draft Standard for Local and metropolitan area networks; Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems," October 2011.
[5] IEEE P802.16.1^{TM}/D2, [Draft] WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems, October 2011.

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

Note:

The text in **BLACK** color: the existing text in the IEEE 802.16 GRIDMAN AWD

The text in **RED** color: the removal of existing IEEE 802.16 GRIDMAN AWD

The text in **BLUE** color: the new text added to the IEEE 802.16 GRIDMAN AWD

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

[*Remedy: Change the rows from the last row in page 44 to the second row in page 45 at Table 763mm1 in 6.2.3.65.1 in the 802.16.1a AWD as indicated:*]

} else if (Action Type == 0b101) {			// backhaul link up

Expected time of backhaul link up	8	Expected time in unit of LSB of superframe when the HR-BS restarts service without any help of neighbor BS using relay link but the HR-BS' backhaul link	Optional
} else if (Action Type == 0b011) {			// power reduction
Tx Power Reduction	10	dB value of Tx power reduction	Mandatory
Expected time of power reduction	8	Expected resource adjustment time in units of frame	
}else if (Action Type == 0b110){			// FA change
FA index	8	FA index	Mandatory
Expected downtime of current FA	8	Expected current FA downtime in units of frame	
Expected uptime of new FA	8	Expected uptime of new FA in units of superframe	Optional
} else if (Action Type == 0b111) {			// multimode service end
Expected time of backhaul link up	8	Expected time in unit of LSB of superframe when the HR-MS release the multimode service and to allow subordinate MS to perform handover to other infrastructure	Optional
}			

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