Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Fix Problem in MOB-NBR_ADV**
Date Submitted	**2005-11-16**
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Re:	Contribution on comments to IEEE 802.16g-05/008r1
Abstract	In this contribution, a fix is proposed for MOB-NBR_ADV message.
Purpose	Adoption
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Fix Problem in MOB_NBR-ADV

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1. Introduction

The parameter "DL/UL Available Radio Resource" in MOB_NBR-ADV defined by 802.16g presents a backward compatibility problem with 802.16e MS. As defined in 802.16g-05/008r1, a BS can include "DL/UL Available Radio Resource" in MOB_NBR-ADV message by setting "Skip-optional-fields bitmap[4]" to 0. However, for a MS that doesn't support 802.16d, it will not know how to skip the DL/UL Available Radio Resource. Hence, this MS will not be able to decode MOB_NBR-ADV correctly. To provide backward compatibility, DL/UL Available Radio Resource should be defined as TLV.

2. Proposed Text Changes

[*Insert new section* **11.18.4** *and* **11.8.5** *on Page 9 after section 11.18.3*]

11.18.4 DL Available Radio Resource

Available Radio Resource indicator shall indicate the average percentage of available physical radio resources for DL where averaging shall take place over a time interval which shall be defined by configuration. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class.

Type	Length	Value	Scope
23	1	0x00 : 0% 0x01 : 1%, ..., 0x64 : 100% 0x65 – 0xFE : reserved, 0xFF indicates no information available	OFDMA

11.18.5 UL Available Radio Resource

 Available Radio Resource indicator shall indicate the average percentage of available physical radio resources for UL where averaging shall take place over a time interval which shall be defined by configuration. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class.

Type	Length	Value	Scope

24	1	0x00 : 0% 0x01 : 1%, ..., 0x64 : 100% 0x65 – 0xFE : reserved, 0xFF indicates no information available	OFDMA

[Delete entire section 14.5.13.3 on Page 94]