Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	Requirement for supporting different types of usage scenarios	
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Source(s)	Duke Dang, Zhibin Lin, Lucy Chen HUAWEI HuaWei Bld., No.3 Xinxi Rd., Shang-Di Infomation Industry Base, Hai-Dian District Beijing P.R. China, 100085	Voice: 86-10-82882959 Fax: 86-21-82882966 mailto: dsjun@huawei.com
Re:	Contribution on comments to IEEE P802.16g baseline task group document	
Abstract	There are several usage scenarios based on the 802.16's specification, for example, nomadicity and full mobility. Though 16e and 16g focus on a full mobility network, other types of usage scenario can't be omitted, such as nomadic or portable ones.	
Purpose	Adoption	
Notice		
Release		
Patent Policy and Procedures		

Requirement for supporting different types of usage scenarios
Duke Dang, Zhibin Lin, Lucy Chen
HUAWEI

1. Introduction

Based on the 802.16's specification, there will be several usage scenarios, such as Fixed Access, Nomadicity, Portability with Simple Mobility Support, Full Mobility Support. And some operators may deploy the 802'16 network step by step: fixed access or nomadic network is deployed first; then, the network will be upgraded to support full mobility stage by stage.

Doubtlessly, 16e and 16g shall mainly focus on full mobility network. We think that other usage scenarios shouldn't be overlooked in 16g. If we only define the procedures and messages for full mobility network in 16g, it may be highly complex for portable or nomadic ones. And it doesn't fit the benefit of some operators in certain degree.

In this contribution, we propose to clear the requirement for 16g that the procedures and messages should fit all usage scenarios based on 802.16.

2. Proposed Text Changes

Add following text in the end of 14.1.

There are several usage scenarios based on 802.16's specifications, such as Fixed Access, Nomadicity, Portability with Simple Mobility Support, Full Mobility Support. If a procedure, message or IE only applies to one or two of above four usage scenarios, it will be clearly specified. Otherwise it must apply to all usage scenarios.