Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title		
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Re:	IEEE 802.16 Session #47 plus over the phone	
Abstract	This contribution proposes the updates of IEEE 802.16g D7 document in order to obtain loading information from the Base Station	
Purpose	Update 802.16g draft: MS HO decision factoring the BS loading figures.	
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HO Decision based on DL and UL loading parameters information

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1. Introduction

When determining which of the candidate list for handover BS target is to be selected, the MS need to evaluate the radio resource available to it by extracting the UL/DL radio resources from the MOB-NBR-ADV message.

2. Proposed Text Change

Remedy:

Factor the loading information when determining the target BS for handover.

[In 6.3.22.2.2 Obtain downlink parameters, Modify the text]:

6.3.22.2.2 HO decision and initiation

When MOB_MSHO-REQ is sent by an MS, the MS may indicate one or more possible target BS. When MOB_BSHO-REQ is sent by a BS, the BS may indicate one or more possible target BSs. MS may evaluate possible target BS(s) through previously performed scanning and Association activity and by evaluating the Non-pre-assigned DL radio resources obtained and the Non-pre-assigned UL radio resources obtained during scanning or through the MOB_NBR-ADV message and comparing it to the Radio_resources DL loading_system_paramater and the Radio_resources UL loading_system_paramtere.

Serving BS criteria for recommendation of target BS may include factors such as expected MS performance at potential target BS, available non-pre-assigned DL and UL radio resources and MS QoS requirements. Serving BS may obtain expected MS performance and non-pre-assigned DL and UL radio resources at a potential target BS through the exchange of backbone messages with that BS. Serving BS may negotiate location of common time interval where dedicated initial ranging transmission opportunity for the MS will be provided by all potential target BSs. This information may be included into MOB_BSHO-RSP message.