

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>HO Overview Section Cleanup 2 – Cell Selection Section</b>	
Date Submitted	<b>2004-03-05</b>	
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Re:	Response to IEEE 802.16e-04/06 (Call for Contributions on IEEE 802.16e/D1)	
Abstract	HO Overview Section Cleanup 2 – Cell Selection Section	
Purpose	Correct overview section flow and language in HO Overview Section	
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## HO Overview Section Cleanup 2

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*Problem:*

As currently defined, mechanics for hand-over are incomplete or poorly defined. Elements are out of order.

*Remedy:*

Revise hand-over process overview to more logical format and increase language clarity.

*Remedy 1:*

[Modify 1.4.1.2.2.1 Cell Selection, page 10&11, lines 60-5, replace with:]

Cell selection refers to the process of an MSS Scanning and/or Ranging one or more BS in order to determine suitability, along with other performance considerations, for network connection or hand-over. is a terminology used to refer to situations where an MSS leaves a BS before getting to the normal operation state. MSS may incorporate information acquired from a MOB\_NBR-ADV message to give insight into available Neighbor BS for cell selection consideration. If currently connected to a Serving BS, an MSS shall schedule scanning intervals or sleep-intervals to conduct Cell Selection for the purpose of evaluating MSS interest in hand-over to potential Target BS. Such procedure does not involve termination of existing connections to a Serving BS and their re-opening in a Target BS, nor does it change the status of any existing connections, or establish new ones. If ranging a Target BS for hand-over, any newly assigned basic and primary CIDs are specific to the Target BS and do not replace or supplant the basic and primary CIDs the MSS employs in its communication with its Serving BS. An MSS may perform a cell selection if such an action is necessary with respect to its PHY signal quality. In such a case the MSS shall restart the initial re-entry sequence or the HO sequence as applicable. No action is required from the BS during an cell selection.