Project	IEEE 802.16 Broadband Wireless Access Working Group http://ieee802.org/16 >
Title	HO Overview Section Cleanup 4 – HO Cancellation Section
Date Submitted	2004-03-16
Source(s)	Phillip Barber Voice: +1 (972) 365-6314 Broadband Mobile Technologies, Inc. 8302 Sebastian Inlet [mailto:pbarber@BroadbandMobileTech.com] Frisco, Tx 75035
Re:	Response to IEEE 802.16e-04/06 (Call for Contributions on IEEE 802.16e/D1)
Abstract	HO Overview Section Cleanup 4 – HO Cancellation Section
Purpose	Correct overview section flow and language in HO Overview Section
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures http://ieee802.org/16/ipr/patents/policy.html , including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair mailto:chair@wirelessman.org as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site http://ieee802.org/16/ipr/patents/notices .

2004-03-16 IEEE C802.16e-04/37r2

HO Overview Section Cleanup 4

Phillip Barber Broadband Mobile Technologies

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:

Move HO rejection text to **1.4.1.2.2.2 HO Decision & Initiation**. Move **HO Cancellation** in logical section sequence.

[Modify 1.4.1.2.2.3 HO cancellation/rejection, page 12, lines 20-29, relocate modified/normative text for section to section 6.4 Data/Control Plane; editor will make appropriate allocation of numbering (??) for subsection:]

1.4.1.2.2.3 6.4.??.6 HO eCancellation/rejection

After the an MSS or BS have has initiated an HO using MOB_MSSHO/BSHO-REQ, the MSS may cancel or reject-HO at any time through transmission of the MOB_HO-IND. The rejection shall be made through transmission of a MOB_HO-IND with the HO reject option (HO_IND_type = 10). If the HO_IND_type field has the value of 10 (HO reject option), the BS may reconfigure Target BS list and retransmit MOB_BSHO-RSP message including new Target BS list. The cancellation shall be made through transmission of a MOB_HO_IND with the HO cancel option (HO IND type = 01).