

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	HO Indication Revision	
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Re:	Response to IEEE 802.16e-04/06 (Call for Contributions on IEEE 802.16e/D1)	
Abstract	HO Indication Revision	
Purpose	Modify HO Indication to be not-required.	
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HO Indication Revision

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Problem:

HO Indication currently requires transmission of HO Indication message in all instances. HO Indication final notification does not significantly contribute to the success of efficient HO. However, this rigid methodology would require any MSS that experienced dropped service with its Serving BS prior to successful transmission of HO Indication to re-enter the network at the Serving BS simply to complete the HO notification process through the HO Indication stage. This is an unnecessary and counter-productive requirement that likely would impact efficient HO in a number of HO dropped service scenarios.

Remedy:

Either make HO Indication an optional feature or change language in relevant sections to accommodate dropped service scenarios.

Remedy 1:

[Modify 6.4.2.3.52 HO Indication (MOB_HO-IND) message, page 30, lines 32-35:]

An MSS ~~shall~~may transmit a MOB_HO-IND message for final indication that it is about to perform a HO. When MSS cancel or reject the HO, the MSS ~~also~~ shall transmit a MOB_HO-IND message with appropriate HO_IND type field. The message shall be transmitted on the basic CID.