

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification of end of service time from serving BS	
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Re:	Call for comments, Sponsor Ballot on 802.16e/D8	
Abstract	<p>Draft clarifies the time for SS to terminate connection with Serving BS. The SS includes a time, called Serving BS Service timer. The timer denotes the end of service time supported by Serving BS, after SS sends MOB_HO-IND message to BS.</p> <p>By using this timer, we offer the way to solve traffic loss problem during handover.</p>	
Purpose	Clarify the end of SS's connection time with Serving BS	
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Clarification of end of service time from serving BS

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1. Motivation

In the current specification, after SS sends MOB_HO IND message, it is not clear when is the time for SS to disconnect the communication with old Serving BS. Therefore, in this contribution we clarify the time for SS to be disconnected from the old Serving BS.

2. Changes summary

[Insert new sentences at the end of section 6.3.21.2.5:]

6.3.21.2.5 Termination with the Serving BS

When BS receives the MOB_HO-IND message, BS shall terminate the connection. While Serving BS process the MOB_HO-IND message, the SS shall receive the Down link traffic from the Serving BS. Due to the processing time of Serving BS for MOB_HO-IND, SS shall maintain Serving BS Service timer. The max of this timer shall not be greater than Resource Retain Time timer.

[Insert the following entries to table 358 in subclause 11.4.1:]

11.4.1. DCD channel encodings

<u>Name</u>	<u>Type (1 byte)</u>	<u>Length</u>	<u>Value(variable length)</u>	<u>PHY scope</u>
<u>Serving_BS Service time</u>	<u>xx</u> (probably 53)	<u>1</u>	<u>The Serving_BS Service Time is the duration for serving BS's processing time for MOB HO-IND that will be retained in SS. During this time SS shall receive DL traffic from BS. SS shall start Serving_BS Service Time timer after sending MOB_HO-IND. The unit of this value is 1 frames. This timer shall not be greater than Resource Retain Timer.</u>	<u>OFDMA</u>