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Title	Clarifications for FBSS and MDHO	
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Re:	P80216/Cor2/D2	
Abstract	The document contains suggestions on the clarification of FBSS and MDHO	
Purpose	Adoption of proposed changes into P80216/Cor2/D2	
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Clarifications for FBSS and MDHO

Introduction

In 802.16e-2005, when a FBSS capable MS completes the initial network entry to a BS, the MS considers the serving BS as Anchor BS. In addition, when the MS has an empty Diversity Set, TEMP_BSID in MOB_MSHO-REQ shall be set to zero.

This means that, a MS initializes the Diversity Set and TEMP_BSID of Anchor BS shall be set to 0 after it completes initial network entry.

The Diversity Set is maintained only when a MS switches Anchor BS with FBSS/MDHO procedure. If a MS enters a BS with the procedure except Anchor BS update for MDHO/FBSS defined in 6.3.22.3.4, the Diversity Set shall be initialized in a MS and a BS.

Proposed changes to P80216/Cor2/D2

6.3.22.3.2 FBSS decision and initiation

Change the subclause as indicated:

The BS supporting FBSS shall broadcast the DCD message that includes the H_Add Threshold and H_Delete Threshold.

These thresholds may be used by the FBSS capable MS to determine if MOB_MSHO-REQ should be sent to request ~~switching to another Anchor BS or~~ changing Diversity Set. When mean CINR of an active BS in the current diversity set is less than H_Delete Threshold, the MS may send MOB_MSHO-REQ to request dropping this BS from the diversity set; when mean CINR of a neighbor BS is higher than H_Add Threshold, the MS may send MOB_MSHO-REQ to request adding this neighbor BS to the diversity set. In each case, Anchor BS responds with MOB_BSHO-RSP with updated Diversity Set.

After the MS completes the initial network entry, re-entry procedure or the handover procedure defined in 6.3.22.2, the BS automatically becomes an Anchor BS. Also, the Diversity Set is initialized and TEMP_BSID of the Anchor BS is set to zero. However, the TEMP_BSID and Diversity Set shall be maintained when Anchor BS switching defined in 6.3.22.3.4 occurs.