Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Changes on Sleep mode SDL Diagram**
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Re:	This contribution is for commentary #68 and #70 as a reference
Abstract	This contribution supports the commentary and proposes some changes in Sleep mode SDL diagram.
Purpose	Propose changes in Sleep mode SDL diagram for the IEEE802.16e Handoff Ad hoc group
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Changes on Sleep mode SDL Diagram

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Problem Statements

For making consistency with the contexts in IEEE 802.16e-03/07r4 and providing reference to the commentary #68 and #70, we propose some changes on SDL diagram of MSS listening interval operation.

Proposed Changes to Figure 106d

- *Delete 'Send Fill'*
  - ◆ *There is no any mentioning in IEEE 802.16e-03/07r4 about sending Fill bytes when MSS is polled but has no data to send.*
- *Insert the process for 'checking the frame number of PHY Synchronization Field to verify the synchronization with the BS'*
  - ◆ *To make the MSS operation, during listening interval, firm and consistent with contents in 6.4.16.3(P.35, 3~7)*
- *Change 'DL Data for SS?' to 'Positive Indication for MSS?'*
  - ◆ *To make consistency with MOB_TRF-IND message and contents through IEEE 802.16e-03/07r4*
- *Insert the process for 'checking whether MSS doesn't receive any MOB_TRF-IND message during listening interval'*
  - ◆ *To reflect commentary #70 for considering an abnormal case that MSS didn't receive any MOB_TRF-IND message during listening interval*
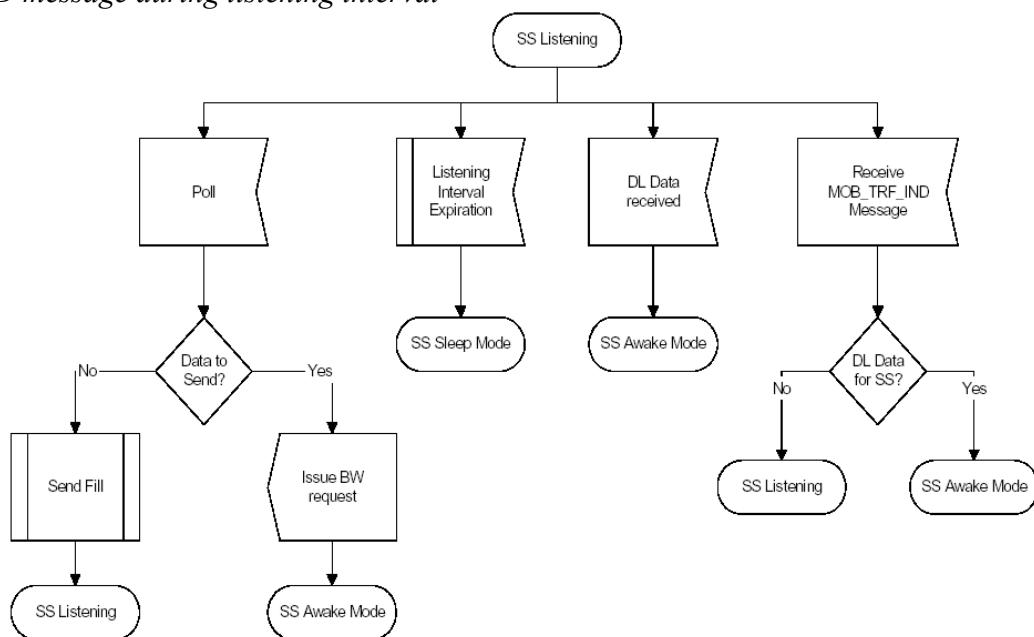

Figure 106d—SS Listening SDL Diagram

Proposed Remedy (text change)

6.4.16 Sleep-mode for mobility-supporting SS
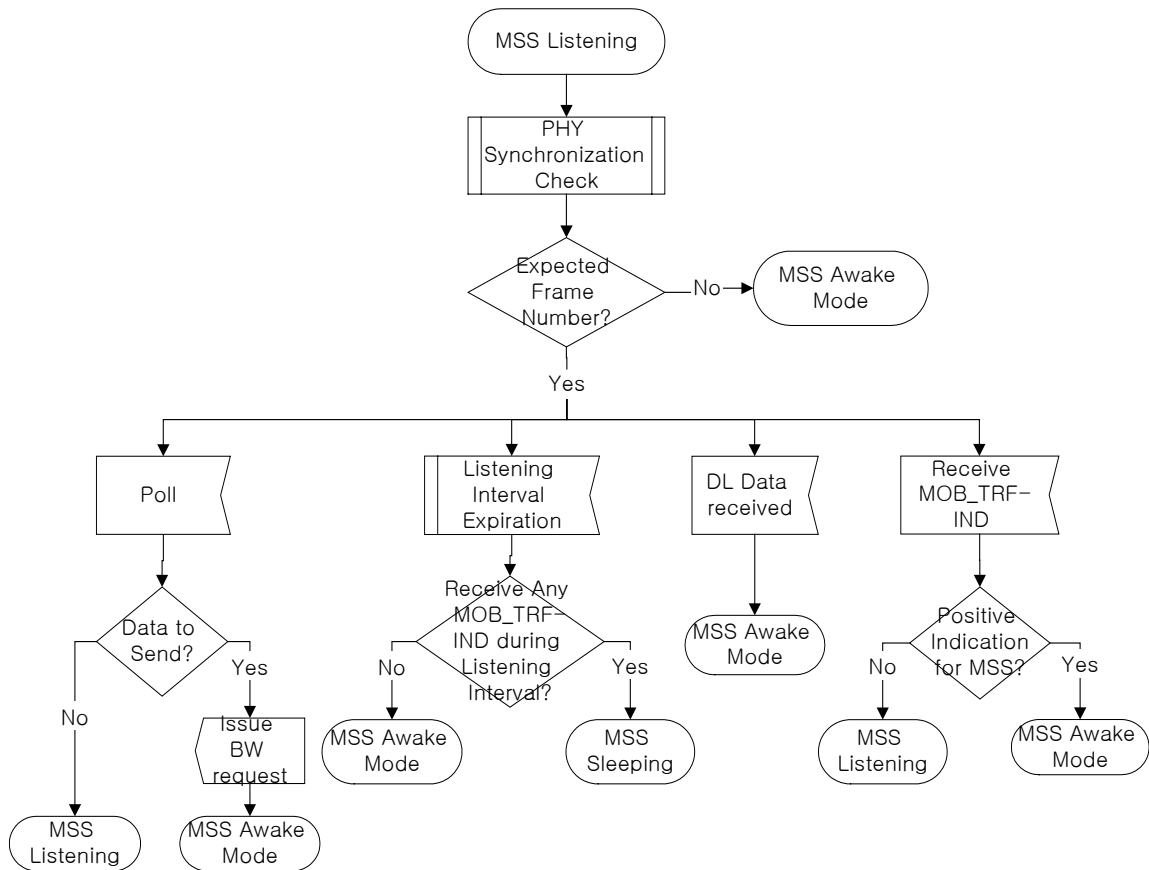6.4.16.1 Introduction

[Replace Figure 106d with the following:]

Figure 106d – MSS Listening SDL Diagram