

RS-initiated Handover Procedure for Handover-manageable RS

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Purpose:

Discuss and adapt proposed text and message format.

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RS-initiated Handover

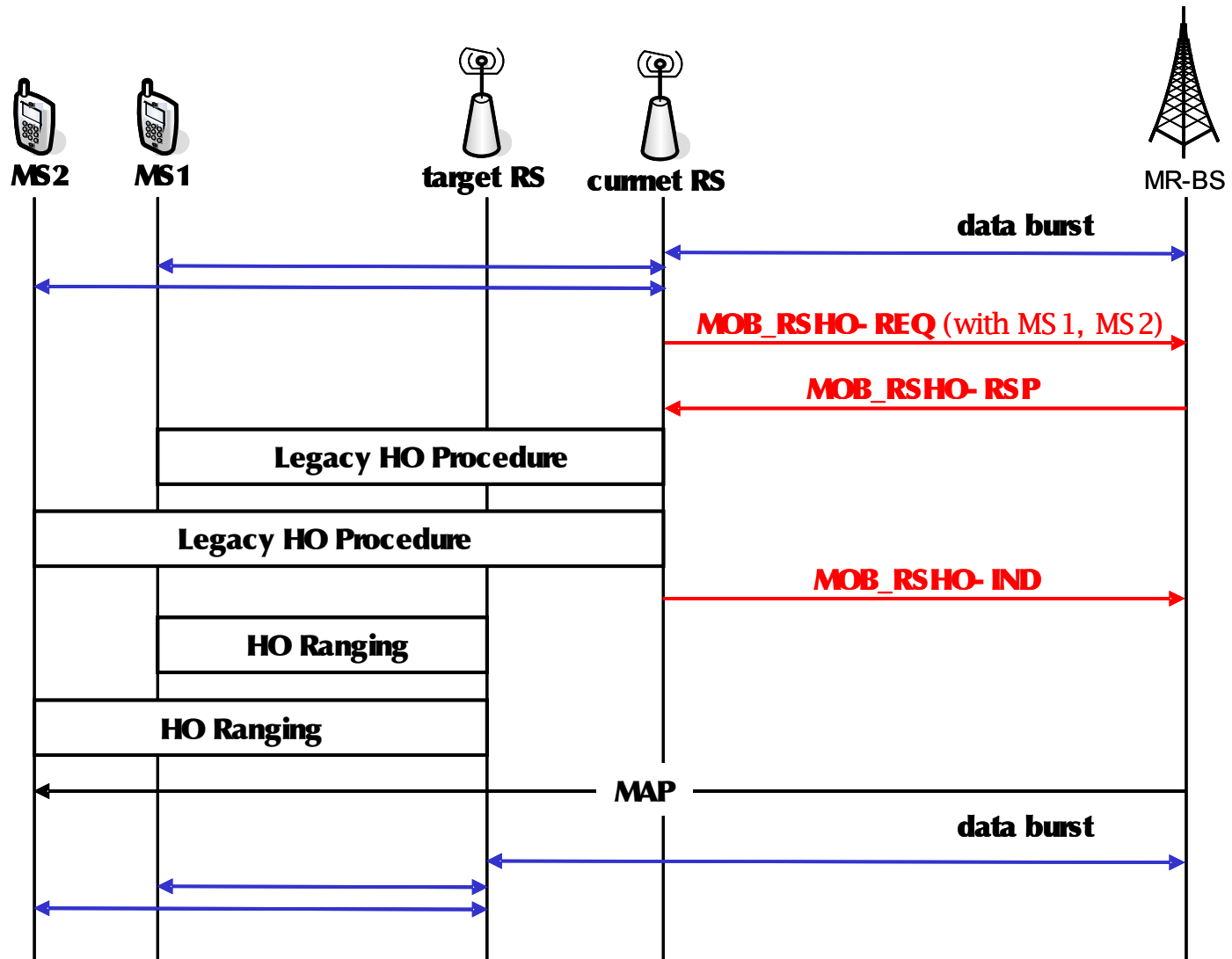
Objective

To support cases when RS should trigger handover

Main features

- RS types according to capability of handover
 - Handover-unmanageable RS: The handover-unmanageable RS indicates the RS, which can initiate handover but cannot support handover process and decision. This type of RS just relays handover messages between MS and MR-BS.
 - Handover-manageable RS: The handover-manageable RS indicates the RS, which can initiate, process, and decide handover. This type of RS can issue MOB_BSHO-REQ message to start handover and manage handover request from MS's.
- Introduction of MOB_RSHO-IND: After handover completion, the handover-manageable RS should report the new access station ID of the handovered MS to MR-BS to establish a new downlink path.

An Example of RS-initiated handover procedure



MOB_RSHO-IND

<u>Syntax</u>	<u>Size (bits)</u>	<u>Notes</u>
<u>MOB-RSHO-IND_Message_Format()</u> {		
<u>Management Message Type=XX</u>	<u>XX</u>	
<u>MS_Number</u>	<u>XX</u>	<u>Number of handovered MS</u>
<u>For(i=0; i<MS_Number; i++)</u> {		
<u>Mobile Station ID</u>	<u>48</u>	
<u>Access Station ID</u>	<u>48</u>	
<u>}</u>		
<u>TLV Encoding Information</u>	<u>variable</u>	<u>optional</u>
<u>}</u>		

Text Proposal

Text to be inserted into standard (extracts)

6.3.22.2.2 Descriptions of RS-initiated handover

- the purpose of RS-initiated handover
- RS-initiated handover procedure according to RS capability of handover

6.3.2.3.XX-ZZ Three messages

- MOB_RSHO-IND