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Abstract	The documents suggests text changes to clarify MBS.	
Purpose	The document is for consideration during Sponsor Ballot comments resolution	
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MBS Clarification

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Introduction

In Single-BS MBS, DL_MAP_IE or MBS_MAP_IE may be used for transmitting MBS data.

However, current MBS_MAP_IE defines only macro-diversity enhanced case, and DL_MAP_IE has no considerations about MS in Idle Mode receiving MBS data.

Because DL_MAP_IE does not include information about next MBS data scheduling, MS in Idle Mode should listen all DL frames and decode all DL-MAP messages to receive MBS data with DL_MAP_IE.

And there is no description about MBS burst profile management in Single-BS MBS. If a BS changes MBS burst profile based on DL burst profile of each MS receiving MBS data, it can use radio resource more efficiently and guarantee MS' performance for receiving MBS data at the same time. In order to manage MBS burst profile, Idle Mode MSs should be considered.

Therefore, current Single-BS MBS section needs more clarification and modification for Idle Mode MSs receiving MBS data, and to support MBS burst profile management.

In Multi-BS MBS, all BSs in a MBS zone should always transmit MBS data regardless of presence of MS participating the MBS connection in BS' coverage. This can increase receiving performance and provide MBS to all MSs regardless of their operational mode. It causes waste of BS' radio resource in case that there is no MS receiving MBS data in the BS.

If there is a method for BS to check presence of MS receiving MBS data in its coverage and transmit MBS data only when there is one or more MSs receiving MBS data, it can use radio resource more efficiently.

So, we propose two remedies :

- Method for MBS burst profile management in Single-BS MBS
- Method to update the presence of MS participating MBS connection in a BS

Proposed text change

TBD