**3GPP TSG RAN2 Meeting #116-eR2-211xxxx**

**Online, 1 – 12 November 2021**

**Title: DRAFT\_**Further reply on MBS broadcast service continuity

**Response to:** R2-2111244/S2-2108175

**Release:** Rel-17

**Work Item:** NR\_MBS-Core

**Source:** RAN2

**To:** SA2

**Cc:** SA4, SA6, RAN3

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**1. Overall Description:**

RAN2 would like to thank SA2 for their LS in S2-2108175 and for agreeing to introduce additional MBS identifier in upper layer signalling to allow for reducing the volume broadcasted in SIB.

RAN2 notes that SA2 did not get consensus on whether frequency can be provided in the upper layer signalling, which goes against the working assumption made by RAN2 during RAN2#115-e meeting. RAN2 discussed this topic further during RAN#116-e meeting and made an agreement that frequency information in upper layer signalling is useful for some MBS use cases. This, for example, includes the cases where a certain MBS service is deployed homogeneously on a single frequency in a broadcast area, which is a likely deployment for some services. In such cases, it may be more efficient to directly provide the service-frequency mapping in upper layer signalling to decrease overhead over the air interface.

Therefore, RAN2 would like to request SA2 to allow a possibility of including MBS service to frequency mapping in upper layer signalling in their specifications, similarly as in the case of USD in MBMS.

**2. Actions:**

**To SA2 group:**

**ACTION:** RAN2 respectfully asks SA2 to take the above information into account and allow a possibility of including MBS service to frequency mapping in upper layer signalling in their specifications.

**3. Dates of next TSG-RAN WG2 meetings:**

RAN2#116-bis-e 17 – 25 January 2022 Online

RAN2#117-e 21 February – 3 March 2022 Online