**3GPP TSG SA WG4#113-e S4-210632**

 **A revision of *S4-210496***

 **A revision of *S4aI201157***

**E-meeting, 6th-14th April, 2021**

**Title: LS on work split for MBSF and MBSTF definition**

**Release: Rel-17**

**Work Item: FS\_5GMS\_Multicast**

**Source: SA4**

**To: SA2**

**Cc :** **SA6, CT4**

**Contact Person: Peng Tan, peng.tan@telus.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments: TR 26.802**

# 1 Overall description

In TR 23.757 Annex A.3, SA2 expects “MBSF functionality related to service is to be determined with SA4”. SA2 also expects MBSTF functionality related to MBS data handling (e.g. encoding) is to be determined with SA4. SA4 is studying MBSF functionality related to service, and MBSTF functionality related to MBS data handling to support 5MBS User Services. Initial analysis can be found in Clause 7.3 of TR 26.802 v1.2.0.

Furthermore, as SA4 has progressed the TR 26.802, the following preliminary conclusions have been drawn to define potential standardization areas in Clause 6.2 of TR 26.802, specifically,

* Create delivery functions to support 5MBS User Service to use 5MBS capabilities. Currently, two delivery methods, object delivery method and transparent delivery method are being studied in Clause 7.3
* 5G Multicast Media Streaming is one scenario of 5MBS User Service
* Define Nmbsf or Nx4 (based on xMB-C) and Nmbstf or Nx5 (based on xMB-U). It is assumed that MB2 interface will be supported in Release 17 “as is”
* Expect to have a new spec TS 26.502 to document these potential standardization areas

SA4 expects SA2 to define common procedures for Multicast Session and Broadcast session and related functionalities in MBSF and MBSTF in TS 23.247.

# 2 Actions

**To SA2**

**ACTION:** SA4 kindly asks SA2 to

1. let SA4 know if SA2 has any comments on the work split proposed in clause 7.3 in the attached Draft TR 26.802.
2. consider renaming xMB-C and xMB-U to follow the 5GC reference point naming convention.
3. take into account SA4 design considerations for Nx2 referent point in Clause 5.3 in the attached Draft TR 26.802.
4. keep SA4 updated on the progress of TS 23.247.

# 3 Dates of next TSG SA WG4 meetings

3GPP SA4#114-e 19 – 28 May 2021 E-meeting

3GPP SA4#115-e 18 – 27 August 2021 E-meeting