**3GPP TSG SA WG4#113-e *S4-210496***

**A revision of *S4aI201157***

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

**Title: LS to SA2 on work split and broadcast-multicast user service for 5GS**

**Release: Rel-17**

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

**Source: SA4**

**To: SA2**

**Cc :** **SA6, CT4**

**Contact person:**

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

**Attachments:**

# 1 Overall description

In TR 23.757 Annex 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 expects SA2 to define common procedures for multicast Session and broadcast session, and related functionalities for MBSF and MBSTF in TS 23.247. SA4 is studying potential characteristics of a service layer to model 5MBS User Services in MBSF and MBSTF. Initial analysis can be found in clause X of TR 26.802 v0.y.z.

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

* Create a 5GMS-independendent 5MBS User Service Architecture
* Make 5GMS + MBS one scenario
* Define the xMB-C, xMB-U, interfaces and functions independent of 5GMS. At this stage, SA4 suggests leave MB2-C and MB2-U as is.
* SA4 suggests to rename xMB-C and xMB-U to get rid of the “-C” and “-U” suffix. The suggested API interfaces are Nmbsf (based on xMB-C) and Nmbstf or Nz (with z a number by SA2)
* Expect to have a new spec TS 26.502 for 5MBS User Service Architecture

# 2 Actions

**To SA2**

**ACTION: SA4 kindly asks SA2 to**

1. **take the attached TR 26.802 v1.2.0 into account, and provide feedbacks on the user service architecture description in TR 26.802 v1.2.0.**
2. **keep SA4 updated on the progress of TS 23.247.**
3. **provide your views on the usage of xMB-C and MB2-C also serve as the interface point between MBSF and NEF, as shown in TS 23.247 Figure x.y.**

# 3 Dates of next TSG SA WG4 meetings

SA4#113-e 6 - 14 April 2021 E-meeting

SA4#114-e 19 – 28 May 2021 E-meeting