3GPP TSG SA WG 4 Meeting 115-e TDoc S4-22xxxx

Electronic, 18–27 August 2021

**Title: LS on 5MBS User Services**

**Response to: —**

**Release: Rel-17**

**Work Item: 5MBUSA**

**Source:** **3GPP SA4**

**To:** **3GPP SA2, CT3[, SA6]**

**Cc:**

**Contact person: Richard Bradbury**

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

**Attachments:** S4-220235 [TS 26.502 v1.1.0].

# 1 Overall description

*SA4 is pleased to provide the following progress update on the 5MBUSA work item, and requests feedback according to the actions listed in section 2 below.*

In relation to the Release 17 normative work item 920010 ("5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions "), SA4 would like to inform you that it has progressed the stage 2 technical specification and is pleased to attach draft **TS 26.502 V1.1.0** agreed at the SA4#117-e meeting for your information, review and feedback.

SA4 would like to draw your attention to the following additions in this revision of the specification:

1. **Static domain model** for MBS User Service, MBS User Data Ingest Session and MBS Distribution Session in the MBSF and MBSTF at clause 4.5. This includes schematic and UML representations of the domain model, along with specification of stage 2 baseline parameters.

2. **Dynamic life-cycle model** for MBS User Service in the MBSF and MBSTF at clause 4.6.

3. An outline specification of the Network Function services exposed by the MBSF and MBSTF respectively:

- Nmbsf service operations at reference point **Nbm10** are specified in clause 7.2.

- Nmbstf service operations at reference point **Nmb2** are specified in clause 7.3.

- It is recognised that more detail may be required in clause 7 to assist with stage 3 API design.

4. [An informative explanation in clause A.1 of how **Group Communication services** can be delivered using MBS User Services, particularly in the case where the MBSTF is required to add FEC protection to an ingested GC data stream.

5. ]A set of informative examples and **protocol stack diagrams** in annex B illustrating how User Plane data is ingested to the MBSTF at reference point Nmb8 and passed on to the MB‑UPF at reference point Nmb6.

# 2 Actions

**To SA2**

**ACTION:** SA4 asks SA2 to review the draft TS and provide feedback on whether it satisfies the envisaged work split with TS 23.247.

**To CT3/CT4**

**ACTION:** SA4 asks CT3/CT4 to review clause 7 (Network Function service) and provide early feedback on its suitability.

**[To SA6**

**ACTION:** SA4 asks SA6 to review the Group Communication collaboration in clause A.1 and provide early feedback on its suitability.

# 3 Dates of next TSG SA WG 4 meetings

SA4#118-e 6th–14th April 2022 E-meeting

SA4#119-e 11th–20th May 2022 E-meeting