3GPP TSG-WG SA2 Meeting #144E e-meeting *S2-2102577r01*

Elbonia, 12 - 16 April, 2021

**Source: Huawei, HiSilicon**

**Title: Missed parameters within the Service Announcement**

**Document for: Agreement**

**Agenda Item: 8.9**

**Work Item / Release: 5MBS /Rel-17**

***Abstract of the contribution:*** *This contribution proposes to add missed parameter which AF need inform UE in the service announcement.*

# Discussion

For 5G MBS, the UE needs to know the DNN and S-NSSAI of the associated PDU Session. The UE join the 5MBS session in the related PDU Session. Also the related PLMN is expected to be included. It is proposed to send the PLMN ID, DNN and S-NSSAI of the associated PDU Session to UE in service announcement.

# Proposal

It is proposed to add the related information in TS 23.247.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 1st Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 6.x Service Announcement

Service Announcement provides the UE with descriptions specifying the multicast or broadcast services to be delivered as part of MBS Session.

The Service Announcement includes the MBS Session ID(s), which is represented by TMGI or a Source Specific Multicast Address, for the service. When the MBS Session ID is Source Specific Multicast Address, the Service Announcement includes the PLMN ID of the PLMN in which the service is delivered.

The Service Announcement includes an MBS Session Type, which indicates whether the MBS Session for the service is multicast or broadcast.

For local MBS service, the Service Announcement includes the MBS service area information.

If the MBS Session is multicast, the Service Announcement includes the DNN and S-NSSAI of the PDU Session that the UE uses to join the MBS Session for the service via the PLMN.

The Service Announcement is provided to UE by AF.

 Editor’s Note: Other entities that can send Service Announcement to UE is FFS.

The UE detects which PLMN supports the MBS Session for the service via the Service Announcement. For multicast session, the UE uses the PDU Session of the DNN and S-NSSAI for the PLMN as indicated in the Service Announcement to join/leave the MBS Session.

Editor’s Note: The details of Service Announcement will be defined with coordination with SA4/SA6, including which information is aware by UE or application client.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*