**SA WG2 Meeting #144E (e-meeting) S2-210xxxx**

**April 12 – 16, 2021, Elbonia**

**Source: CATT**

**Title: Policy control for Multicast and Broadcast services**

**Document for: Approval**

**Agenda Item: 8.9**

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

*Abstract of the contribution: This contribution proposes descriptions on policy control for Multicast and Broadcast services.*

1. Introduction

Policy control for Multicast and Broadcast services is important and needs to be specified.

2. Proposal

It is proposed to include the following changes in TS 23.247.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 1st Change (all new text)\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 9.x Policy control for Multicast and Broadcast services

The policy and charging control framework as defined in TS 23.503 [7] applies to Multicast and Broadcast services in the following aspects:

- Session binding: The PCF shall associate the AF session information to one and only one MBS Session, take the following MBS Session parameters into account:

- TMGI or source specific IP multicast address, if present.

 Once it has determined the impacted MBS Session, the PCF shall identify the PCC rules affected by the AF session information, including new PCC rules to be installed and existing PCC rules to be modified or removed.

- QoS Flow binding: For an MBS Session, QoS Flow binding is the association of a PCC rule to a QoS Flow within an MBS Session. The MB-SMF performs QoS Flow binding for an MBS Session in the same way as the SMF for a PDU Session.

- Policy Control Request Triggers relevant for MB-SMF: The Policy Control Request Triggers relevant for MB-SMF define the conditions when the MB-SMF shall interact again with PCF after an MBS Session configuration/establishment.

 The following Policy Control Request Triggers relevant for MB-SMF are supported:

- UE join. The UE join trigger shall trigger an MB-SMF interaction with the PCF if an UE joins an MBS Session.

Editor’s Note: It is FFS whether any other aspects or differences compared to existing PCC framework are required for MBS policy control.

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