**3GPP TSG SA WG-4 Meeting #121 S4-221534**

**Toulouse, France, 14-18 November 2022**

**Title: LS on split rendering in AR telephony communication**

**Response to: LS S2-2207108 on media negotiation for AR telephony communication from SA2**

**Release: Rel-18**

**Work Item: FS\_NG\_RTC**

**Source: SA4**

**To: SA2**

**Cc:**

**Contact person: Imed Bouazizi**

 **bouazizi AT qti DOT qualcomm DOT com**

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

**Attachments:**

# 1 Overall description

SA4 would like to thank SA2 for their LS on media negotiation for AR telephony communication. SA4 would like to point out that it has an ongoing work item on split rendering (SR\_MSE), which has as objective to define a Media Service Enabler for split rendering that works with different types of applications. SA4 believes that the same split rendering enabler should be used for network rendering in AR communication.

More specifically on the two raised questions, we would like to provide the following answers:

1. *to determine which kind of information needs to be included in the media rendering negotiation request from the UE to enable network based rendering in the AR media rendering function, and*

The split rendering MSE will define the negotiation and configuration of a split rendering session.

*2. whether this request should be send through SIP/SDP via the IMS or through the application data channel to the AR AS.*

SA4 will define a mapping of the split rendering session negotiation and configuration onto WebRTC and IMS signalling.

# 2 Actions

**To SA2**

**ACTION:** SA4 would like to kindly ask SA2 to take the information in this reply into account for their FS\_NG\_RTC study.

# 3 Dates of next TSG WG SA4 meetings

SA4#122 20th–24th February 2023 Athens, Greece

SA4#123-e 17th–21st April 2023 Electonic