**Source: Samsung, Qualcomm, Ericsson, Tencent and InterDigital Communications**

**Title: Way forward of GA4RTAR based on Architecture offline**

**Agenda Item: 6.1**

**Document for: Agreement**

# 1 Introduction

During the opening plenary in SA4#124, there was a discussion how TS 26.506 can inherit and use the term of “Media Session Handler” as defined in TS 26.501. Then the offline discussion was followed and it was identified that Media Session Handler in TS 26.506 addresses very similar functions with that is TS 26.501 and that only a small set of features (e.g., resources) are different. With those finding, we propose the following way forward of GA4RTAR work item.

# 2 Proposed Way Forward

In order to progress the work as follows related to 5G Media Streaming, Real-time Communication, as well as Media Delivery as well as also structure the remaining work, the following is proposed

* For now, use the prefix of “RTC” to the term MSH in TS 26.506
* Add a diagram to TS 26.506 (or at least at a bullet point to the outstanding issues) to address that RTC AF and 5GMS AF functionalities are included in a common Media AF on the network and also the Media Session Handler.
* Investigate the commonality and differences between 26.501 and 26.506 especially for the functionalities, procedures, and resources associated and document them in TS 26.506.
* Encourage that the same action is done in TS 26.501 to add a note
* Ask the agreement in SA4#124 closing plenary about the next version of TS 26.506 to be presented in SA for approval
* In stage-3 (followed by GA4RTAR completion), create a single specification containing the common functions for a Media AF and a Media Session Handler that can deal with different Media Applications/Service scenarios, including those defined in TS 26.501 and TS 26.506 (downlink and uplink streaming, real-time communication).
* The following options exist:
  + Add everything to TS 26.512
    - Discuss the depreciation and separation, once the stage 3 work is completed.
  + Create two new specifications:
    - One to include M1, M5 and M6 for all media services
    - One to include M2, M3 M4 and M7 for media services
    - And gradually deprecate 512.
* There was a discussion that the joint MBS and RTC SWG may be preferable, but no agreement was made.