**3GPP TSG-S4 Meeting #132 S4-251101**

Fukuoka City, Japan, May 19th - 23rd, 2025

**Agenda item:** 14.7

**Source:** Qualcomm

**Title:** Time Plan for the AvCall-MED Work Item v0.2.1

**Document for** Discussion and Agreement

# Introduction

The AvCall-MED work item has been agreed at the SA plenary #107 in document SP-250264.

The work item has the following objectives:

* For receiver-driven avatar animation and rendering:
	+ Extend TS 26.264 for Avatar Communication by specifying format, protocols, and basic signaling of base avatars and animation streams in IMS-based AR calls,
	+ In collaboration with SA2 and SA3, define an informative management interface in TS 26.264 for Base Avatar Repository (BAR) to enable management and access control to assets of base avatars.
* For sender-based avatar animation and rendering:
	+ Leverage existing TS 26.264 capabilities for sender-based Avatar animation, potentially only resulting in guidelines,
	+ Consider the need to introduce optional pose data exchange extensions when the receiver’s pose is used at the sender’s side for viewer-dependent rendering,
* For network-based avatar animation and rendering:
	+ Extend TS 26.264 for Avatar Communication by specifying format, protocols, and basic signaling of base avatars and animation streams in IMS-based AR calls,
	+ Add signaling and format negotiation to enable MF-based animation and rendering,

# Time Plan

The following time plan for the execution of the AvCall-MED work item objectives is proposed in the following table.

|  |  |
| --- | --- |
| Meeting |  **Work Item Objectives** |
| SA4#131-bis-e (11 – 17 April 2025, Online) | * Agree structure of base CR.
* Address sender-based and receiver-based avatar animation and rendering
* Liaise with SA3 on security considerations for base avatar management.
 |
| Post SA4 #131-bis-e RTC AHG Calls* 30th April 2025, 15-17 CEST (Deadline 28th April)
 | * Address sender-based and receiver-based avatar animation and rendering
* Discuss network-based avatar animation and rendering
 |
| SA4#132 (19 – 23 May 2025, Fukuoka City, Fukuoka, JP) | * Finalize sender-based, receiver-based, and network-based animation and rendering.
* Document and profile format for the based avatar and animation streams.
* Based on SA3’s response, define base avatar management.
* Finalize and agree CR to TS 26.264.
 |
| Post #132 RTC AHG Call25th June 2025,15:00 –18:00 CEST(Deadline 23rd June 2025) | * Finalize call flows
* Refine formats and profiles
* Discuss signaling aspects
* Discuss security aspects
 |
| SA4#133-e Meeting21st – 25th July 2025 | * Finalize formats and profiles
* Conclude signaling aspects
* Progress security aspects
* Finalize CR to TS26.264
 |
| RTC F2F Ad-hoc3rd-5th September 2025, Paris | * Handle any outstanding issues
 |
| SA#109 (16 – 19 September 2025, Beijing, CN) | * Approve CR to TS 26.264.
 |

# Proposal

It is proposed to agree on the time and work plan as described in Section 2.