**SA WG2 Meeting #S2-160 S2-2313295**

**13 - 17 November, 2023, Chicago, USA revision of S2-2313051**

**Source: Nokia, Nokia Shanghai Bell**

**Title: KI#3: Update on interworking between DCMTSI UE and MTSI UE**

**Document for: Approval**

**Agenda Item: 19.2**

**Work Item / Release: FS\_NG\_RTC\_Ph2**

*Abstract of the contribution: This contribution proposes to update KI#3 description on support of interworking with MTSI UE.*

# Introduction

It is proposed to clarify some aspects regarding interworking between MTSI UE and DCMTSI UE. It is also proposed to add a Note on necessary alignment with SA4.

# 2 Proposal

It is proposed to update KI#3 in TR 23.700-77.

\* \* \* \* First change\* \* \* \*

## 5.3 Key Issue #3: Data channel interworking with MTSI UE

### 5.3.1 Description

Providing service experience of specific IMS data channel applications to subscribers using MTSI UE when appropriate can significantly extend the accessibility of IMS data channel applications. Since MTSI UE does not support IMS data channel, solutions are required to ensure interworking with legacy media types that MTSI UE supports.

This key issue studies the following aspects:

- How to enhance IMS architecture and procedures to provide some form of IMS data channel applications service experience by interworking between a DCMTSI UE using data channel applications and a MTSI UE supporting only legacy media types (audio/video/messaging) where appropriate.

Editor's note: Interworking towards a MTSI UE for P2A use cases is FFS.

- How the IMS network can determine whether such interworking with a MTSI UE supporting only legacy media types is provided considering the used data channel applications.

\* \* \* \* End of changes \* \* \* \*