**SA WG2 Meeting #S2-160 S2-2313293**

**13 - 17 November, 2023, Chicago, USA revision of S2-2313049**

**Source: Nokia, Nokia Shanghai Bell**

**Title: KI#2: Update on IMS capability exposure in the context of IMS data channel sessions**

**Document for: Approval**

**Agenda Item: 19.2**

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

*Abstract of the contribution: This contribution proposes to update KI#2 and provide some clarifications to the text.*

# Introduction

It is proposed to clarify some aspects regarding support of IMS capability exposure in the context of DC communication. This is related WT-1 from the approved SID:

- WT-1: Study on the enhancements to framework for exposure of IMS capability in the context of IMS data channel session

- WT-1.1: enhance the IMS architecture to define event subscription mechanism for a specific IMS subscriber / groups of IMS subscribers, to enable subscription to various IMS events of IMS data channel services.

- WT-1.2: how to expose existing IMS services (e.g. IMS voice/video call, message) in the context of an IMS data channel session, i.e. when DC is established.

# 2 Proposal

It is proposed to update KI#2 in TR 23.700-77.

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

## 5.2 Key issue #2: Impact on IMS architecture, interfaces and procedures to support IMS capability exposure in the context of IMS data channel session

### 5.2.1 Description

This KI will address the following aspects:

- Study enhancements to IMS architecture, interfaces and procedures to expose IMS services in the following IMS data channel related scenarios:

- IMS data channel initiation, update and release. This includes the initiation, update and release of application and bootstrap data channels.

- Study whether and how an application server can request to use the existing bootstrap data channel for downloading a specific application.

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