**3GPP TSG-CT WG3 Meeting #112eCP-203160**

**E-Meeting, 04th – 13th November 2020 is revision of C3-205361,** **5586**

**Source: China Mobile, Huawei**

**Title: Pseudo-CR on Naanf\_AKMA Service Description**

**Spec: 3GPP TS 29.535 v0.0.0**

**Agenda item: 17.7**

**Document for: Decision**

**1. Introduction**

Introduction for Naanf\_AKMA Service Description.

**2. Reason for Change**

Naanf\_AKMA Service Description.

**3. Conclusions**

Naanf\_AKMA Service Description.

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.535 v0.0.0.

\* \* \* First Change \* \* \* \*

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

AAnF AKMA Anchor Function AF Application Function

AKMA Authentication and Key Management for Applications

AUSF AUthentication Server Function

NEF Network Exposure Function

\* \* \* Next Change \* \* \* \*

## 4.2 Naanf\_AKMA Service

### 4.2.1 Service Description

#### 4.2.1.1 Overview

The Naanf\_AKMA, as defined in 3GPP TS 33.535 [TS33535] is provided by the AKMA Anchor Function (AAnF).

This service:

- allows consumer NFs to store the AKMA related key material.

- allows consumer NFs and the AFs to request the AKMA application related key material for the UE.

#### 4.2.1.2 Service Architecture

The 5G System Architecture is defined in 3GPP TS 23.501 [2]. The Authentication and Key Management for Applications architecture is defined in 3GPP TS 33.535 [TS33535].

The Naanf\_AKMA service is part of the Naanf service-based interface exhibited by the AAnF.

Known consumers of the Naanf\_AKMA service are:

- AUthentication Server Function (AUSF)

- Application Function (AF)

- Network Exposure Function (NEF)



**Figure 4.2.1.2-1: Reference Architecture for the Naanf\_AKMA Service; SBI representation**

\* \* \* End of Changes \* \* \* \*