**3GPP TSG-SA WG1 Meeting #108 S1-244560**

**Orlando, Florida, USA, 18-22 November 2024** *(revision of S1-244089)*

Title: Continued support for regulatory-related services

Agenda Item: 8.1.1 System and Operation Aspects

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*Abstract: This contribution proposes to continue to support existing regulatory-related services already supported in 5G and earlier systems, such as emergency voice calls, emergency messaging and PWS.*

*Note that TS 22.101 clause 10.1.0 referred to in the PR below is being introduced in a CR to TS 22.101 in contribution S1-244088.*

---------- Proposed changes ----------

## 5 System and Operational Aspects

Editor's Note: "System and Operational Aspects" facilitates system and network operation features that underpin overall operation, covering aspects that apply across use cases and services, and those that relate to network operations. These aspects include, for example: migration scenarios, interworking with earlier 3GPP systems, interworking with non-3GPP system, roaming and interconnection, network simplification, network sharing, security, privacy, resilience, sustainability and energy efficiency, device diversity, support of legacy services

## 5.1 Continued support for regulatory-related services

### 5.1.1 Description

Current 3GPP systems support a number of vital regulatory services, such as emergency voice calls and Public Warning System (PWS) . It is expected that such services will continue to be provided by any future generation system.

### 5.1.2 Existing features partly or fully covering the use case functionality

TS 22.101 in clause 10 provides requirements for supporting emergency voice calls, Global text telephony (GTT) and other media, all of them in the IMS, emergency SMS over IMS and eCall.

TS 22.268 defines the requirements for PWS and its various flavours: ETWS, EU-ALERT, CMAS and K-PAS.

It is proposed that these requirements will continue to be supported in 6G.

### 5.1.3 Potential New Requirements needed to support the use case

[PR 5.1.3-001] The 6G system shall support all legacy regulatory services. These services include:

- Emergency voice calls, Global text telephony (GTT) and other media, all of them in the IMS, as defined in TS 22.101 clause 10.1.0, 10.1.1, 10.1.3, 10.4 and 10.6;

- Public Warning System (PWS), as defined in TS 22.268;

- Emergency SMS over IMS, as defined in TS 22.101 clause 10.11;

- eCall as defined in TS 22.101 clause 10.7 and A.27 (except A.27.2);

- Mission critical services, as defined in TS 22.261 clause xx;

- Lawful interception, as defined in TS 22.261 clause 8.6.

[PR 5.1.3-002] For legacy regulatory services supported via IMS, the 6G system shall support those services without impacting IMS.