**3GPP TSG-SA Meeting #104 *SP-240945***

**Shanghai, China, 18 – 21 June 2024** (Revision of SP-240578)

**Title: draft-** **Reply LS on the stage 2 aspects of MINT\_Ph2**

**Response to: LS on the stage 2 aspects of MINT\_Ph2 (SP-240538 / C1-242675)**

**Release: Rel-19**

**Work Item: MINT\_Ph2**

**Source: TSG SA**

**To: CT1, SA1**

**Cc: SA2, TSG CT, CT4**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:**

# 1 Overall description

TSG SA thanks CT1 for the LS (SP-240538 / C1-242675) on the stage 2 aspects of MINT\_Ph2.

TSG SA has considered the input from SA2 (SP-240558 / S2-2407313) and discussed the matter in their SA#104 meeting.

TSG SA kindly asks CT1 to perform a study for MINT\_Ph2\_EPS. The context of the proposed scope differs compared to the Rel-17 MINT study in overall system aspects in that 4G/EPS is now the target system. As UE previously connected to 5GS performing Disaster Roaming initial attach to EPS is in scope, SA believes that the scope needs to be limited to 4G/EPS (including SGs interface aspects) and disaster roaming to 2G/3G is not intended.

Specifically in the following SA1 requirement:

*Subject to regulatory requirements, operator's policy or UE capabilities, the 3GPP system shall be able to support a UE, with 5G-only national roaming access to a VPLMN,* ***to obtain 4G connectivity service****(e.g.* ***voice call,****mobile data service)* ***from that VPLMN****in the area where a Disaster Condition applies*

It needs to be clarified that the UE still receives service from IMS in HPLMN and only connectivity from VPLMN, but that SMS over SGs interface would need to be supported..

Before concluding the study , CT1 should consult with SA2 on the architectural impacts and consult SA for final decision on how to proceed with normative work. Based on Rel-17 MINT work, SA believes there will be architectural impacts that are under SA2 specifications scope.

# 2 Actions

**To CT1**

**ACTION:** TSG SA kindly asks CT1 to take the information above into account.

**To SA1**

**ACTION:** TSG SA kindly asks SA1 to clarify on the requirement above.

# 3 Dates of next TSG SA meetings

SA#105 September 10th – 13th 2024 Melbourne, AU

SA#106 December 10th – 13th 2024 Madrid, TBC, ES