**3GPP SA3LI#86b *S3i220439-r2***

**Sophia-Antipolis, 30 August 2022 – 2nd Sept 2022**

Title: Identifier availability for Lawful Interception during Inter-PLMN handover

Release: Release 18

Work Item: LI\_18

Source: SA3-LI

To: SA2

Cc: SA3, CT3, CT4

**Contact Person:**

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Attachments: None

**1. Overall Description:**

SA3LI would like to thank SA2 for their recent assistance and work on issues related to inter-PLMN handover.

To meet lawful interception requirements, it is necessary that the compelled PLMN deliver all traffic associated to the provided identifiers from time of tasking to the requesting law enforcement agency. This includes sessions which are transferred into a serving PLMN as a result of inter-PLMN handover. Both MSISDN and IMEI are used as target identifiers, and therefore need to be available at the point of inter-PLMN handover. As the association between the MSISDN, IMEI and other identifiers is not known to the visited network at the time of an inter-PLMN handover it will be unable to immediately apply lawful interception requirements. SA3LI believe including MSISDN and IMEI in the MME UE context for all HPLMN to VPLMN, VPLMN to VPLMN and VPLMN to HPLMN scenarios would resolve this.

It is understood during an inter-PLMN handover, the PLMN receiving the handover will not be provided with the MSISDN or IMEI as part of the forward relocation requests MME UE context (TS 23.401 clause 5.5.1.2.2). SA3LI anticipate that this will create a delay in Lawful Interception leading to a loss of data when the MSISDN or IMEI is the targeted identifier.

While SA3LI understands that the current focus of work is on S8HR, the same considerations will apply for GPSI and PEI in N9HR.

Therefore, to meet lawful interception requirements, SA3LI kindly asks SA2 to review if MSISDN and IMEI can be included in the transferred MME UE context and that in the future if SA2 extends their work to include N9HR or non-voice service handover scenarios then SA3LI asks that SA2 make equivalent changes for those scenarios.

**2. Actions:**

**To** **SA WG2**

**ACTION:** SA3LI kindly asks SA2 to undertake the necessary changes to ensure that MSISDN and IMEI can be included in the transferred MME UE context and that in the future if SA2 extends their work to include N9HR or non-voice service handover scenarios then SA3LI asks that SA2 make equivalent changes for those scenarios.

**3. Date of Next SA3-LI Meetings:**

SA3#87-LI-e-a 5th – 7th Oct 2022 Online

SA3#87-LI-b 1st – 4th Nov 2022 TBD, USA