**SA WG2 Meeting #S2-152E S2-220xxxx**

**17 - 26 August, 2022, Electronic meeting**

**Title: [DRAFT] Reply LS on Inter-PLMN Handover of VoLTE calls and idle mode mobility of IMS sessions**

**Response to: S2-2205400 / *S3i220244***

**Release: Release 17**

**Work Item:**

**Source:** SA2

**To:** SA3LI, CT1, CT4

**Cc:**

**Contact Person:**

#### Name: Shabnam Sultana

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

**Attachments:** **[S2-2205903](https://ericssonnam-my.sharepoint.com/personal/shabnam_sultana_ericsson_com/Documents/Desktop/SA2_eMeeting/Docs/S2-2205903.zip" \t "_blank)**

**1. Overall Description:**

As follow up to the issue raised in the LS ***S3i220244 from SA3LI and the cross WG CC held in July 7th, 2022,*** SA2 has made the following conclusions as a way forward:

-Initially, changes will be limited to Rel-18 onwards to progress the work.

-Use the basic solution as described in the attached document [**S2-2205903**](https://ericssonnam-my.sharepoint.com/personal/shabnam_sultana_ericsson_com/Documents/Desktop/SA2_eMeeting/Docs/S2-2205903.zip)**.** The “LI after inter-PLMN mobility” usecase is addressed in Rel-18 as part of the solution. Note that the draft CR is NOT approved in SA2. SA2 will continue to work on this as part of Rel-18.

-Use S8HR/TEI18 work item code(s) to make the updates, whether Cat F or C CRs is discussed in future meetings.

-Scope of the work in Rel-18 is limited to current GSMA requirements for IMS, which mandates RTP use and does not mention SRTP/media encryption, thus solution will not consider media encryption.

Any further usecases/requirements need to be addressed/ discussed in future releases.

**2. Actions:**

**To SA3LI, CT1, CT4 group.**

**ACTION:** SA2 respectfully asks to take into account the information.

**3. Date of Next TSG-SA WG2 Meetings:**

3GPP SA2#153E 10 - 14 October 2022 e-meeting