**3GPP SA3LI#86b *S3i220438***

**30 Aug – 02 Sep 2022**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **33.127** | **CR** | **180** | **rev** | **1** | **Current version:** | **18.0.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  | Support of location information request for both T2P and P2T requests in alignment with TS 33.128  |
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| ***Source to WG:*** | SA3-LI (ZITiS, OTD) |
| ***Source to TSG:*** | SA3 |
|  |  |
| ***Work item code:*** | LI18 |  | ***Date:*** | 2022-08-30 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-18 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | In CR 0376 (s3i220376 against TS 33.128) the location information request support was specified for both T2P as well as P2T queries. However TS 33.127 (stage 2 document) currently restricts the support of a location information request for P2T queries only.  |
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| ***Summary of change:*** | Allow location information request for both P2T as well as T2P queries |
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| ***Consequences if not approved:*** | misalignment between stage 2 and stage 3 document |
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| ***Clauses affected:*** |

 | 5.4.14, 5.4.15 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR  |
|  |  |
| ***Other comments:*** | This CR has a mirror for Release 17 CR 0179 (si3220437) |
|  |  |
| ***This CR's revision history:*** | S3i220438,  |

\*\*\* FIRST CHANGE \*\*\*

### 5.4.14 Interface LI\_XQR

The LI\_XQR interface is used by the IQF to send identifier association queries to the ICF and from the ICF to return identities associations to the IQF in response.

The following are examples of some of the information that may be passed over LI\_XQR from the IQF to the ICF:

- Information relating to the type of query.

- Temporary or permanent identifier provided by the LEA.

- Other information associated with identifier required for localisation provided by the LEA.

- Cell identity.

- Tracking area identifier.

- Time that identifier provided by the LEA was observed by the LEA.

- Location information request from the LEA.

The following are examples of some of the information that may be passed over LI\_XQR from the ICF to the IQF:

- Information relating to the type of query being responded to.

- Temporary and permanent identifiers corresponding to identifier provided by LEA.

- Identifier association validity start and end times.

- Location information for the target, if requested by the LEA.

NOTE: The location information returned in the IQF response is the information associated at the time of the specific identifier association caching at the ICF.

\*\*\* END OF FIRST CHANGE \*\*\*

#### \*\*\* SECOND CHANGE \*\*\*

### 5.4.15 Interface LI\_HIQR

The LI\_HIQR interface is used by the LEA to send identifier association queries to the IQF and from the IQF to return identities associations to the LEA in response.

The following are examples of some of the information that may be passed over LI\_HIQR from LEA to the IQF:

- Information relating to the type of query.

- Warrant/authorisation identifier.

- Temporary or permanent identifier provided by the LEA.

- Other information associated with identifier required for localisation provided by LEA.

- Cell identity.

- Tracking area identifier.

- Time that identifier provided by LEA was observed by the LEA.

- Location information request.

The following are examples of some of the information that may be passed over LI\_HIQR from IQF to the LEA:

- Information relating to the type of query being responded to.

- Warrant/authorisation identifier.

- Temporary and permanent identifiers corresponding to identifier provided by LEA.

- Identifier association validity start and end times.

- Location information for target UE, if requested by the LEA.

#### \*\*\* END OF SECOND CHANGE \*\*\*

#### \*\*\* END OF ALL CHANGES \*\*\*