**3GPP TSG- Meeting # *92***

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
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|  |  | **CR** |  | **rev** | **1** | **Current version:** |  |  |
|  |
| *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:***  |  |
|  |  |
| ***Source to WG:*** | SA3-LI (\_US, Rogers Communications Canada) |
| ***Source to TSG:*** | SA3 |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** | 25 April 2023 |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *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:*** | SA2 has recently added the capability for intermediate and multiple location queries for LCS in TS 23.273. These capabilities are currently missing from the Stage 2 description of LALS. This CR adds such capability. |
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| ***Summary of change:*** | Add new clause, 7.3.3.2.4 to describe intermediate and multiple location capaiblities for LALS. |
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| ***Consequences if not approved:*** | The LALS feature Stage 2 description would remain incomplete. |
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| ***Clauses affected:*** | 7.3.3.2.4 (new) |
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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's revision history:*** | Was s3i230257 |

START OF CHANGES

START OF FIRST CHANGE

##### 7.3.3.2.4 Intermediate and multiple location provision

A request for immediate or periodic location provision from the ADMF to the LI-LCS Client may carry parameters enabling multiple imtermediate responses from the LCS Server/GMLC to a single LIR issued by the LI-LCS Client (as defined in TS 23.273 [30] clause 6.10.4 and 6.1.3). These parameters include the flag for acceptance of intermediate location estimates and the maximum response time for final location result (see OMA MLP [6], clauses 5.3.60.1 and 5.3.107).

Similar to a single service response, the intermediate location estimates shall include the response parameters defined in clause 7.3.3.4 and shall be delivered by the LI-LCS client as xIRI over LI\_X2 to the MDF2. The MDF2 generates and delivers the IRI messages based on received xIRI to the LEMF over LI\_H2.

END OF FIRST CHANGE

END OF ALL CHANGES