**3GPP SA3LI#92 S3i240051**

**Seville; January 30-February 2, 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **33.928** | **CR** | **0013** | **rev** | **-** | **Current version:** | **18.2.0** |  |
|  | | | | | | | | |
| *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:*** | LIPF Logic for NWDAF provisioning | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3-LI (Nokia, Nokia Shanghai Bell) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI18 | | | | |  | ***Date:*** | | | 2024-01-22 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | ***F*** |  | | | | | ***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 can be 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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The CR 0611 introduces new LI capabilities by introducing an IRI-POI to the NWDAF to report the analytics related data. Since a new NF is now added with an IRI-POI, to keep the TR 33.928 aligned, a change is required. | | | | | | | | |
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| ***Summary of change:*** | | The LIPF provisioning logic for the Service Type of Data is enhanced to add the provisioning of IRI-POI in NWDAF if data analytics is supported. | | | | | | | | |
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| ***Consequences if not approved:*** | | TR 33.928 will miss the LIPF logic for NWDAF. The format of the NOTE is corrected as well and it is separated from the clause number 5.4.3.2. | | | | | | | | |
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| ***Clauses affected:*** | | 5.4.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... 0611 | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

### \*\* First Change \*\*

#### 5.4.3.1 The flow-chart

Figure 5.4.3.1-1 shows the LIPF logic in provisioning the LI functions for the 5GC for the service type of Data.



Figure 5.4.3.1-1: LIPF logic for the service type Data in 5GC

For the delivery type of IRI + CC, the IRI-POIs and the CC-TFs are provisioned. For the delivery type of IRI, the IRI-POIs and the IRI-TFs are provisioned. For the delivery type of CC, the CC-TFs are provisioned.

Figure 5.4.3.1-2 shows the LIPF logic in provisioning the LI functions for additional data services in 5GC.



Figure 5.4.3.1-2: LIPF logic for the additional data services in 5GC

The details of LI provisioning for AKMA, NEF based services, ECS and 5G Media Streaming are illustrated in clause 5.4.3.3.

NOTE: Even though the figure 5.4.3.1-2 shows that LI provisioning for AKMA is part of LI provisioning for the service type Data, AKMA may have to be intercepted independently in order to support other services.

### \*\* End of all Changes \*\*