**3GPP TSG-SA3 Meeting #81-LI-e-b *s3i210350***

**Online, , 19th May 2021 - 21st May 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.128** | **CR** | **0211** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *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:*** | Change of reference for PDHR/PDSR approach | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3-LI(OTD) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI17 | | | | |  | ***Date:*** | | | 2021-05-13 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | Changes to the location of the description of the approaches for PDHR/PDSR generation in TS 33.127 require the clause references to be updated. | | | | | | | | |
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| ***Summary of change:*** | | Clause references for PDHR/PDSR approaches is updated. | | | | | | | | |
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| ***Consequences if not approved:*** | | TS 33.128 will not align with TS 33.127. | | | | | | | | |
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| ***Clauses affected:*** | | 6.2.3.9 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 33.127 CR 0132 | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | TS 33.127 CR 0132 made the changes that this CR references. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | S3i210350 | | | | | | | | |

\*\*\* Start of First Change \*\*\*

#### 6.2.3.9 Packet Data Information Reporting

As described in TS 33.127 [5] clause 7.C1.2, the warrants that do not require the interception of communication contents may require IRI messages that require access to the user plane packets. One such service that requires such a capability is the packet data header information reporting which includes the following two IRI messages:

- Packet Data Header Reporting (PDHR).

- Packet Data Summary Reporting (PDSR).

NOTE: Packet Data Header Reporting is done using the IRI messages containing the PDHeaderReport record and the Packet Data Summary Reporting is done using the IRI messages containing the PDSummaryReport record.

TS 33.127 [5] clause 7.C1.2 provides two approaches for the generation of such IRI messages.

In approach 1, the IRI-TF present in the SMF triggers the IRI-POI present in the UPF to construct and deliver xIRIs to the MDF2 as described in clause 6.2.3.4. The details of these xIRIs are described in clause 6.2.3.5.

In approach 2, the CC-TF present in the SMF triggers the CC-POI present in the UPF to deliver the xCC to the MDF3 as described in clause 6.2.3.6. The MDF3 forwards the xCC to the MDF2 over the LI-MDF interface and MDF2 generates the IRI messages containing the PDHeaderReport and PDSummaryReport records from the xCC. The payload of PDHeaderReport and PDSummaryReport records are as described in clauses 6.2.3.5.3 and 6.2.3.5.4, tables 6.2.3-12 and 6.2.3-13. Note that in approach 2, the MDF2 generates these IRI messages containing PDHeaderReport and PDSummaryReport records without receiving the equivalent xIRI from an IRI-POI. The actions of MDF2, MDF3 and CC-TF in SMF are managed as part of the intercept data provisioned to them over the LI\_X1 interface.

\*\*\* End of All Changes \*\*\*