**3GPP TSG- Meeting #**

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| *CR-Form-v12.3* | | | | | | | | |
| **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 (, OTD\_US) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | | 2024-07-11 |
|  |  | | | |  | |  | | |  |
| ***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 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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Alignment of IRI IP packet reporting capabilities across ETSI TS 102 232, 3GPP TS 33.108 and 3GPP TS 33.128 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Added reference to ETSI TS 102 232-3  Added IPPR abbreviation  Updated clause 6.2.3.9.1 to reflect that the IPPR mechanism may be used | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Inability to deliver streamlined IP packet reports to LEAs when using ETSI TS 102 232-3, ETSI TS 102 232-7, 3GPP TS 33.108 and 3GPP TS 33.128 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.2.3.5.3, 6.2.3.5.4, 6.2.3.9.1, 6.2.3.9.3, 6.2.3.9.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 33.108 CR 0434 | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | The IPPR mechanism was introduced by ETSI TC-LI document **LI(24)P66032r1** which contains CR 046 to ETSI TS 102 232-3. The ETSI TC-LI RC procedure is expected to launch next week after which prioritized publication will be requested (in order to meet SA publication timelines). | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revised from s3i240440 | | | | | | | | |

**START OF FIRST MODIFICATION**

##### 6.2.3.5.3 Packet Data Header Report (PDHR)

If the per-packet form of packet header information reporting, i.e. PDHR, is authorised, the IPPR xIRI shall be generated as described in clause 6.2.3.9.5.

**END OF FIRST MODIFICATION**

**START OF SECOND MODIFICATION**

##### 6.2.3.5.4 Packet Data Summary Report (PDSR)

If the summary form of the packet header information reporting, i.e. PDSR, is authorised, the IPPR xIRI shall be generated as described in clause 6.2.3.9.5.

**END OF SECOND MODIFICATION**

**START OF THIRD MODIFICATION**

##### 6.2.3.9.1 General

As described in TS 33.127 [5] clause 7.12.2, warrants that do not require the interception of communication contents but do require packet header information reporting will require access to the user plane packets. Packet header information reporting includes the following two IRI messages:

- Packet Data Header Reporting (PDHR) in the form of IPPR header records.

- Packet Data Summary Reporting (PDSR) in the form of IPPR summary records.

TS 33.127 [5] clause 7.12.2 provides two approaches for the generation of such IRI messages.

In approach 1, the IRI-POI present in the UP Entityconstructs and delivers the packet header information reporting related xIRIs to the MDF2 as described in clause 6.2.3.4.

In approach 2, the CC-POI present in the UP Entity intercepts, constructs and delivers 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 the MDF2 generates the IRI messages containing the packet header information reporting related records from the xCC.

In both approaches, the payload of the IPPR record is described in clause 6.2.3.9.5. Note that in approach 2, the MDF2 generates these IRI messages containing IPPR header and IPPR summary records without receiving the equivalent xIRI from an IRI-POI. The actions of the MDF2, the MDF3, the CC-TF in the CP Entity in 5GS and CUPS EPS, and the CC-POI in non-CUPS EPS are managed as part of the intercept data provisioned to them over the LI\_X1 interface.

As of version 19.0.0 of the present document the PDHeaderReport (as defined in clause 6.2.3.9.3) and PDSummaryReport (as defined in clause 6.2.3.9.4) have been deprecated in favor of the IPPR record (as defined in clause 6.2.3.9.5). The deprecated records remain available in the present document and ASN.1 module to ensure backwards compatibility.

**END OF THIRD MODIFICATION**

**START OF FOURTH MODIFICATION**

##### 6.2.3.9.3 PDHeaderReport record (deprecated)

As of version 19.0.0 of the present document the PDHeaderReport record has been deprecated in favor of the IPPR record as defined in clause 6.2.3.9.5.

*<snip>*

**END OF FOURTH MODIFICATION**

**START OF FIFTH MODIFICATION**

##### 6.2.3.9.4 PDSummaryReport record (deprecated)

As of version 19.0.0 of the present document the PDSummaryReport record has been deprecated in favor of the IPPR record as defined in clause 6.2.3.9.5.

*<snip>*

**END OF FIFTH MODIFICATION**