**3GPP TSG- Meeting #**

**, , -**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** |  | **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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***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:*** | | The current text assumes that the network will use only the architecture and interfaces defined by 3GPP, however, real world implementations often differ from the standard. This CR proposes to clarify how LI requirements apply to non-standard implementations and which portions of the LI solution should be adjusted to ensure that all reportable information is sent to the LEA. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Provide clarifications to the existing text that describe the LI requirements if the core network is deployed in a way that differs from standard. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The way this document is used in non-standard deployments will remain unclear. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1, 7.1, New Annex X | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | s3i240698 | | | | | | | | |

\*\*\*\* START OF FIRST CHANGE (MAIN DOCUMENT) \*\*\*\*

6.1 Introduction

This clause describes any remaining fields, behaviours or details necessary to implement the required LI interfaces for specific 3GPP-defined network deployments which are not described in clauses 4 and 5. For 3GPP-defined networks that utilize proprietary deployments, see clause X.2.

Additional or alternative triggers shall be used when required to ensure that all instances of the events listed in TS 33.127 [5] are reported.

\*\*\*\* START OF NEXT CHANGE (MAIN DOCUMENT) \*\*\*\*

7.1 Introduction

This clause describes any remaining fields, behaviours or details necessary to implement the required LI interfaces for specific 3GPP-defined services which are not described in clauses 4 and 5. For 3GPP-defined services that utilize proprietary deployments, see clause X.3.

Additional or alternative triggers shall be used when required to ensure that all instances of the events listed in TS 33.127 [5] are reported.\*\*\*\* START OF NEXT CHANGE (MAIN DOCUMENT) \*\*\*\*

Annex X (normative):  
Application to proprietary implementations

# X.1 General

This annex describes how the present document may be used to support LI for 3GPP defined networks and services that use proprietary implementations.

# X.2 Implementation with proprietary network layers

This specification may be used to realize the Stage 3 details for LI for implementations using proprietary network layers for 3GPP defined networks and services with the following changes:

- The LI functions shall be implemented such that any events described in TS 33.127[5] applicable to the network are reportable.

- If the functionality of any of the network functions specified in the present document is replaced by another network function, the LI events reportable by the specified network function shall be reportable by LI functions in the replacement function.

- If the network utilizes interfaces or protocols other than those described in the present document to realize the network functionality, alternative triggers thall be used such that the events listed for that network functionality in TS 33.127[5] are reported.

# X.3 Implementation with proprietary service layers

This specification may be used to realize the Stage 3 details for LI for implementations using proprietary service layers to realize 3GPP defined services with the following changes:

- The LI functions shall be implemented such that any events described in TS 33.127[5] applicable to that service are reportable.

- If the functionality of any of the network elements specified in the present document is replaced by another network element, the LI events reportable by the specified network element shall be reportable by LI functions in the replacement element.

- If the network utilizes interfaces or protocols other than those described in the present document to realize the service, alternative triggers thall be used such that the events listed for that network functionality in TS 33.127[5] are reported.

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