**3GPP TSG-SA3 Meeting #91-LI *s3i230584***

**Sydney, Australia, 24th Oct 2023 - 27th Oct 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.108** | **CR** | **0432** | **rev** | **1** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *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:*** | Moving schemas to attachments | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3LI (Softel Systems) | | | | | | | | | |
| ***Source to TSG:*** | SA3LI | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI17 | | | | |  | ***Date:*** | | | 2023-10-24 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Inclusion of the machine-readable schemas in the Word document part of TS 33.108 results in an unwieldy specification that is difficult to load on certain machines. It also creates a significant burden on CR authors wishing to make changes to these schemas, and introduces potential for errors. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The schemas are moved from the Word document part of the specification to an attachment, available from the 3GPP portal as part of the download. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Continuing impact on readers, CR authors and rapporteur, with potential for more errors. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | B.3, B.3a, B.4, B.6, B.7, B.8, B.9, B.10, B.11.1, B.11.2, B12, B13, B.14.1, B.14.2, B.15, B.16, B.17, J.1, M.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 was inspired by TS 33.128 CR 0440 and CR 0441. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | S3i230519 | | | | | | | | |

START OF CHANGE 1

# B.3 Intercept related information (HI2 PS and IMS)

The ASN.1 schema describing the structures used for UMTS PS and IMS IRI (HI2 interface) is given in the file *UmtsHI2Operations.asn* which accompanies the present document.

# B.3a Interception related information (HI2 CS)

**For North America, the use of J-STD-25 A [23] is recommended.**

The ASN.1 schema describing the structures used for UMTS CS IRI (HI2 interface) is given in the file  
*UmtsCS-HI2Operations.asn* which accompanies the present document.

# B.4 Contents of communication (HI3 PS)

The ASN.1 schema describing the structures used for UMTS PS CC (HI3 interface) is given in the file  
*Umts-HI3-PS.asn* which accompanies the present document.

# B.5 Void

# B.6 User data packet transfer (HI3 CS)

The ASN.1 schema describing the structures used for UMTS CS CC (HI3 interface) is given in the file  
*UMTS-HI3CircuitLIOperations.asn* which accompanies the present document.

# –“”“”“”“”“”“”–B.7 Intercept related information (and I-WLAN)

The ASN.1 schema describing the structures used for UMTS I-WLAN IRI (HI2 interface) is given in the file *IWLANUmtsHI2Operations.asn* which accompanies the present document.

NOTE: WLAN Interworking specification (TS 29.234 [41]) is no longer maintained in Release 12 and onwards. Therefore, this clause is not maintained Release 12 and onwards.

# B.8 Intercept related information (MBMS)

The ASN.1 schema describing the structures used for UTMS MBMS IRI (HI2 interface) is given in the file *MBMSUmtsHI2Operations.asn* which accompanies the present document.

# B.9 Intercept related information (HI2 SAE/EPS and IMS)

The ASN.1 schema describing the structures used for EPS and IMS IRI (HI2 interface) is given in the file *EpsHI2Operations.asn* which accompanies the present document.

# B.10 Contents of communication (HI3 EPS)

The ASN.1 schema describing the structures used for EPS CC (HI3 interface) is given in the file *Eps-HI3-PS.asn* which accompanies the present document.

# B.11 IMS Conference Services ASN.1

## B.11.1 Intercept related information (Conference Services)

The ASN.1 schema describing the structures used for Conference Services IRI (HI2 interface) is given in the file *CONFHI2Operations.asn* which accompanies the present document.

## –“”“”“”–B.11.2 Contents of communication (HI3 IMS Conferencing)

The ASN.1 schema describing the structures used for IMS Conferencing CC (HI3 interface) is given in the file  
*CONF-HI3-IMS.asn* which accompanies the present document.

# B.12 Contents of Communication (HI3 IMS-based VoIP)

The ASN.1 schema describing the structures used for IMS-based VoIP CC (HI3 interface) is given in the file *VoIP-HI3-IMS.asn* which accompanies the present document.

# B.13 Intercept related information for ProSe

The ASN.1 schema describing the structures used for ProSe IRI (HI2 interface) is given in the file *ProSeHI2Operations.asn* which accompanies the present document.

# B.14 GCSE Services ASN.1

## B.14.1 Intercept related information (GCSE Services)

The ASN.1 schema describing the structures used for GCSE Services IRI (HI2 interface) is given in the file *GCSEHI2Operations.asn* which accompanies the present document.

## B.14.2 Contents of communication (HI3 GCSE Group Communications)

The ASN.1 schema describing the structures used for GCSE Group Communications CC (HI3 interface) is given in the file *GCSE-HI3.asn* which accompanies the present document.

# B.15 Intercept related information (HI2 MMS)

The ASN.1 schema describing the structures used for MMS IRI (HI2 interface) is given in the file *MmsHI2Operations.asn* which accompanies the present document.

# B.16 Content information (HI3 MMS)

The ASN.1 schema describing the structures used for MMS CC (HI3 interface) is given in the file *Mms-HI3-PS.asn* which accompanies the present document.

# B.17 IP based handover (HI3) for CS voice content

The ASN.1 schema describing the structures used for CS voice content CC (HI3 interface) is given in the file  
*CSvoice-HI3-IP.asn* which accompanies the present document.

END OF CHANGE 1

START OF CHANGE 2

# J.1 Definition of the UUS1 content associated to the CC link

The ASN.1 schema describing the structures used for UUS1 content associated to the CC link is given in the file *HI3CCLinkData.asn* which accompanies the present document.

END OF CHANGE 2

START OF CHANGE 3

# M.2 ASN.1 description of LI management notification operation (HI1 interface)

The ASN.1 schema describing the structures used for LI management notification operation (HI1 interface) is given in the file *ThreeGPP-HI1NotificationOperations.asn* which accompanies the present document.

NOTE: This annex does not describe an electronic Handover Interface, but HI1 information, which is sent to the LEMF across the HI2 port.

END OF CHANGE 3

END OF CHANGES