**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 canbe 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)* |
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| ***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. |
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| ***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. |
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| ***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