**3GPP TSG- Meeting # *r1***

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| *CR-Form-v12.2* |
| **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:*** | SA3LI () |
| ***Source to TSG:*** | SA3LI |
|  |  |
| ***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 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. |
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| ***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 requires the relevant schemas to be provided as an attachment to the download available on the 3GPP portal. |
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| ***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