

CHANGE REQUEST

33.103 **CR 018** rev - Current version: 4.2.0

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

Title:	☞ Correction of TMUI to TMSI		
Source:	☞ CCSA/ZTE Corporation		
Work item code:	☞ SEC1	Date:	☞ 18/10/2004
Category:	☞ D	Release:	☞ Rel-4
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction 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 .		Use <u>one</u> of the following releases: Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7)

Reason for change:	☞ TMSI is misspelled as "TMUI" In many places.
Summary of change:	☞ Correction TMUI to TMSI.
Consequences if not approved:	☞ Spelling mistake.

Clauses affected:	☞ 4.3.1, 4.5.1										
Other specs Affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">☞</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">☞</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">☞</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	☞	X	☞	X	☞	X	Other core specifications ☞ Test specifications ☞ O&M Specifications ☞	
Y	N										
☞	X										
☞	X										
☞	X										
Other comments:	☞										

*** BEGIN SET OF CHANGES ***

4.3.1 User identity confidentiality (UIC_{UE})

The UE shall support the UMTS conventional mechanism for user identity confidentiality described in 6.1 of 3G TS 33.102.

The UE shall store the following data elements:

- ~~TMSI~~TMSI-CS: a temporary identity allocated by the CS core network;
- LAI: a location area identifier;
- the ~~TMSI~~TMSI-PS: a temporary identity allocated by the PS core network;
- the RAI: a routing area identifier

Table 5: UE – User Identity Confidentiality – Data elements

Symbol	Description	Multiplicity	Lifetime	Length	Mandatory / Optional
TMSI TMSI-CS	Temporary user identity	1 per user	Updated when TMSI TMSI allocation protocol is executed by CS core network	As per GSM TMSI	Mandatory
LAI	Location area identity	1 per user	Updated when TMSI TMSI allocation protocol is executed by CS core network		Mandatory
TMSI TMSI-PS	Temporary user identity	1 per user	Updated when TMSI TMSI allocation protocol is executed by PS core network		Mandatory
RAI	Routing area identity	1 per user	Updated when TMSI TMSI allocation protocol is executed by PS core network		Mandatory

4.5.1 User identity confidentiality (UIC_{SN})

The VLR (equivalently the SGSN) shall support the UMTS conventional mechanism for user identity confidentiality described in 6.1 of 3G TS 33.102.

The VLR shall store the following data elements:

- ~~TMSI~~TMSI-CS: a temporary identity allocated by the CS core network;
- LAI: a location area identifier;

Table 14: VLR – User Identity Confidentiality – Data elements

Symbol	Description	Multiplicity	Lifetime	Length	Mandatory / Optional
TMSI -CS	Temporary user identity	2 per user	Updated when TMSI allocation protocol is executed by CS core network		Mandatory
LAI	Location area identity	2 per user	Updated when TMSI allocation protocol is executed by CS core network		Mandatory

Equivalently, the SGSN shall store the following data elements:

- ~~TMSI~~-PS: a temporary identity allocated by the PS core network;
- RAI: a routing area identifier.

Table 15: SGSN – User Identity Confidentiality – Data elements

Symbol	Description	Multiplicity	Lifetime	Length	Mandatory / Optional
TMSI -PS	Temporary user identity	1 per user	Updated when TMSI allocation protocol is executed by PS core network		Mandatory
RAI	Routing area identity	1 per user	Updated when TMSI allocation protocol is executed by PS core network		Mandatory

*** END SET OF CHANGES ***