
Source: **TSG SA WG2**
Title: **CRs on 23.101 v.3.0.1**
Agenda Item: **7.2.3**

The following Change Requests (CRs) have been approved by TSG SA WG2 and are requested to be approved by TSG SA plenary #10.
Note: the source of all these CRs is now S2, even if the name of the originating company(ies) is still reflected on the cover page of all the attached CRs.

CRs on 23.101 v.3.0.1

Spec	*Rel*	*CR #*	*Cat*	*Title*	*Input*	*Output*	*S2 tdoc #*
23.101	R99	001r1	F	CR on UE/MS definitions	3.0.1	3.1.0	S2-001959

3GPP TSG SA WG2
MAKUHARI, JAPAN, 13-17/11/2000

Document ~~***S2-001803***~~ ***S2-001959***

e.g. for 3GPP use the format TP-99xxx
or for SMG, use the format P-99-xxx

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

23.101	**CR**	**1 rev 1**	Current Version:	3.0.1

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to: *list expected approval meeting # here ↑* — for approval [ ] / for information [ ] — strategic [ ] / non-strategic [ ] *(for SMG use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)* (U)SIM [ ] ME [ ] UTRAN / Radio [ ] Core Network [ ]

Source: Alcatel **Date:** 31/10/00

Subject: Incorporation of the UE definition

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction	X	**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change: This definition of the UE has not been incorporated in the vocabulary document even though agreed in principle at TSG SA#5. It was then felt more relevant to introduce it in 23.101

Clauses affected: 5.2

Other specs affected:

Other 3G core specifications	[ ]	→ List of CRs:
Other GSM core specifications	[ ]	→ List of CRs:
MS test specifications	[ ]	→ List of CRs:
BSS test specifications	[ ]	→ List of CRs:
O&M specifications	[ ]	→ List of CRs:

Other comments: None


help.doc

<--------- double-click here for help and instructions on how to create a CR.

5.2 User equipment Domain

User Equipment is a device allowing a user access to network services.
For the purpose of 3GPP specifications the interface between the UE and the network is the radio interface.

The User Equipment is domain encompasses a variety of equipment types with different levels of functionality. These equipment types are referred to as user equipment (terminals), and they may also be compatible with one or more existing access (fixed or radio) interfaces e.g. dual mode UMTS-GSM user equipment. The user equipment may include a removable smart card that may be used in different user equipment types. The user equipment is further sub-divided in to the **Mobile Equipment Domain** (ME) and the **User Services Identity Module Domain** (USIM).

The reference point between the ME and the USIM is termed the "Cu" reference point.

For the purpose of UMTS Cellular networks the following definition applies:

User Equipment is a device allowing a user access to network services.
For the purpose of 3GPP specifications the interface between the UE and the network is the radio interface.
A User Equipment can be subdivided into a number of domains, the domains being separated by reference points. Currently defined domains are the User Services Identity Module Identity (USIM) and Mobile Equipment (ME) Domains. The reference point between the ME and the USIM is termed the "Cu" reference point.

The ME Domain can further be subdivided into several components showing the connectivity between multiple functional groups. These groups can be implemented in one or more hardware devices.
An example of such a connectivity is the TE – MT interface.
Further, an occurrence of User Equipment is an MS for GSM as defined in GSM TS 04.02.

To handle references from the GSM specifications an explanatory sentence is proposed to be added: "The term 'User Equipment', or 'UE,' should for GSM be interpreted as 'MS', as defined in GSM TS 04.02".

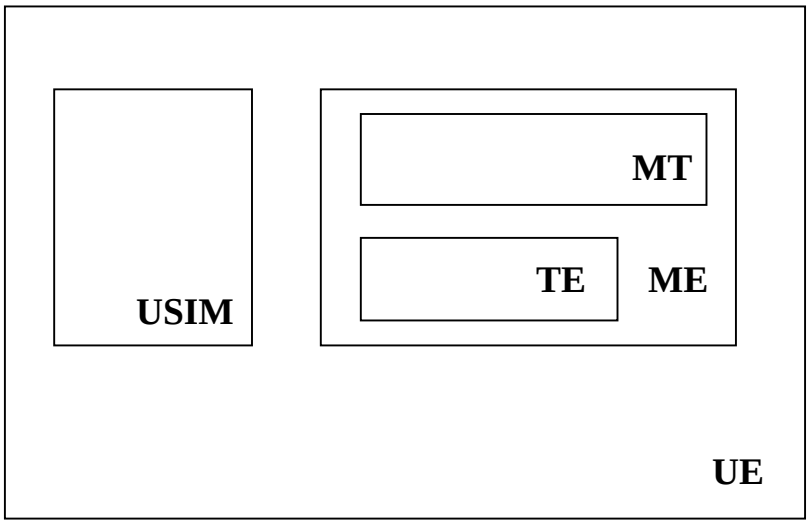

Figure 2. User Equipment domains

5.2.1 Mobile equipment Domain

The Mobile Equipment performs radio transmission and contains applications. The mobile equipment may be further sub-divided into several entities, e.g. the one which performs the radio transmission and related functions, **Mobile Termination,** MT, and the one which contains the end-to-end application or (e.g. laptop connected to a mobile phone), **Terminal Equipment.** TE. This separation is used in the description of the functional communication in figure 3 but no reference point is defined in this specification.

5.2.2 USIM Domain

The USIM contains data and procedures which unambiguously and securely identify itself. These functions are typically embedded in a stand alone smart card. This device is associated to a given user, and as such allows to identify this user regardless of the ME he uses.