

Source: TSG SA1

Title: CR to 22.038 on SAT/USAT Support of Multimedia Services

Document for: Approval

Agenda Item: 7.1.3

Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc. No.
22.038	004		R00	B	Release 2000 features	3.2.0	4.0.0	S1-000629

CHANGE REQUEST

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

22.038 CR 004

Current Version: **3.2.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **SA #9**
 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: <http://ftp.3gpp.org/Information/CR-Form-v2.doc>

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

Source: SA1 **Date:** 20/07/00

Subject: Release 2000 features

Work item: Provisioning of IP-based multimedia services (USAT)

Category:
 (only one category shall be marked with an X)
 F Correction
 A Corresponds to a correction in an earlier release
 B Addition of feature
 C Functional modification of feature
 D Editorial modification
Release:
 Phase 2
 Release 96
 Release 97
 Release 98
 Release 99
 Release 00

Reason for change:

Clauses affected:

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: This CR contains changes related to Provisioning of IP-based multimedia services and could be part of R5.



help.doc

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

5 High level SAT/USAT requirements

The high level requirements of SAT/USAT are as follows:-

- provide the user with additional user interface functionalities to control and invoke services (e.g. menus, icons, etc.) ;
- to provide means for the user to personalize applications by means of parameters, if such parameters are made available by the application;
- provide support of a wide variety of applications;
- provide the means for SAT/USAT to interact with the user via the input and output devices of the ME;
- the means to transfer applications automatically or on demand to the USIM/SIM from a SAT/USAT server, and upgrade existing applications via the PLMN;
- the means to transfer content automatically or on demand to or from the USIM/SIM from or to a SAT/USAT server;
- the means to transfer content directly from one SAT/USAT application to a second UE/MS with a SAT/USAT application via the PLMN;
- the need for an inherent security architecture such that it shall be possible for both the SAT/USAT and SAT/USAT server sides of a connection to be authenticated (possibly implicitly by the use of digital signature or ciphering). The SAT/USAT server shall maintain security of subscribers personal data and PLMN data;
- it shall be possible to charge subscribers for the use of PLMN or third party SAT/USAT services;
- the means for SAT/USAT applications on the USIM/SIM to communicate with other PLMN nodes;
- the means for the ME and USIM/SIM to exchange SAT/USAT capability information;
- provision of SAT/USAT API(s) to facilitate the development and downloading of SAT/USAT applications;
- Categorisation of applications in either "Mandatory" or "Conditional" shall allow application management. For conditional-applications the means for the user to manage (i.e. identify version, delete, modify, save etc.) the applications and content on the SAT/USAT UE/MS shall be possible. Modification of the application by the user is, however, explicitly not allowed;
- It shall be possible for the user to deactivate the USIM/SIM application environment;
- the means for the network operator to provide and manage the SAT/USAT execution environment resources and also to provide and manage (i.e. identify version, activate, de-activate, delete, modify, download etc.) those services of the management control class "mandatory";
- the means to trace (e.g. for billing and customer care purposes) the source of origin of a particular communication activity;
- the means for the SAT/USAT application to fully control the display of all actions and network-responses related to the operation of the application. Optionally under user control the ME may display the individual actions/responses;
- the means for the SAT/USAT application to control the PLMN services, supplementary services and IP multimedia services via the standardized MMI. Only the originator (i.e. either user or SAT/USAT application) of the action shall directly receive the results/responses of that action (e.g. network response to an SCI). Optionally under user control the ME may display the individual actions/responses.
- provide the user with additional user interface functionality to control and invoke IP multimedia services

Some of the above requirements are subsequently elaborated.