



LS to 3GPP-SA on USAT data presentation enhancements

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	For Information	
	For Discussion	

Associated Knowledge Base(s):	
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Circulation Restricted *:	GSM Association:	
	Public	X
	Industry	
	Other	

Document History:	

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High Level Document Summary:

Display capabilities of terminals have evolved. These new capabilities should be used by applications, in the view to enhance the Application's user interface.

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Title: LS on USAT data presentation enhancements
Release: Release 6

Source: GSMA SCaG
To: 3GPP-SA

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1. Overall Description:

GSMA SCaG would like to thank 3GPP about the work on going on MMS, and about the new requirements introduced in release 6 following SCaG requests. SCaG is pleased that the storage of MMs in the card and the possibility for the USIM to send and receive MMs are worked out by the 3GPP-T3 in a release 6 standards objective.

However, SCaG has some concerns concerning a closely related subject, already presented in document S1-030454 with the above-mentioned features, which is the possibility for the USAT to ask the terminal to display a MM (or an element of an MM) stored in the UICC. It appears that this requirement has not yet been introduced in the release 6 3GPP specifications.

SCaG strongly believes that the display possibility should come together with the storage, emission and reception capabilities, and that it is a critical issue for release 6. Not having all these features in release 6 will prevent operators from developing high potential USAT applications in the near future.

This is why SCaG proposes the attached CR to upgrade the USAT requirements accordingly to the above concern, and asks SA to approve the given modification for release 6.

SCaG looks forward to future fruitful cooperation with SA.

2. Actions:

To SA group.

ACTION: GSMA SCaG asks 3GPP-SA group to consider the above SCaG concerns and to approve the following provided CR.

3. Date of Next GSMA SCaG Meetings:

SCaG Meeting #32 29th September – 1st October 2004 Singapore.
SCaG Meeting #33 1st – 3rd December 2004 Frankfurt, Germany.

CR-Form-v7	
CHANGE REQUEST	
⌘ 22.038 CR ⌘ rev - ⌘ Current version: 6.2.0 ⌘	

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

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

Title:	⌘	Enhance the USAT data presentation	
Source:	⌘	O2, Axalto, TIM, Telefonica Moviles España, Swisscom Mobile	
Work item code:	⌘	TEI6	Date: ⌘ 02/06/2004
Category:	⌘	B	Release: ⌘ Rel-6
		Use one of the following categories:	Use one of the following releases:
		F (correction)	2 (GSM Phase 2)
		A (corresponds to a correction in an earlier release)	R96 (Release 1996)
		B (addition of feature),	R97 (Release 1997)
		C (functional modification of feature)	R98 (Release 1998)
		D (editorial modification)	R99 (Release 1999)
		Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘	<p>Display capabilities of terminals have evolved. These new capabilities should be used by applications, in the view to enhance the Application's user interface.</p> <p>Futher more, GSMA has already expressed their interest in such development (SCP document SCP-030237), and this would fullfil some of their MMS use cases presented in S1-030454.</p>
Summary of change:	⌘	<p>The display of information is extended to various forms, following the capabilities of the actual terminals.</p> <p>The MM display capability by the USAT is added.</p>
Consequences if not approved:	⌘	The improving display capabilities of the terminals could not be taken into account to enhance applications operators are willing to provide.

Clauses affected:	⌘	2.1 - 7.1									
Other specs affected:	⌘	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	Y	N	X			X		X	Other core specifications ⌘ 31.111 Test specifications O&M Specifications
		Y	N								
		X									
	X										
	X										
Other comments:	⌘	CRs in T3 are waiting for a requirement on MM display									

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.

2.1 Normative references

- | | |
|------|--|
| [1] | 3GPP TS 31.101: UICC-Terminal Interface; Physical and Logical Characteristics |
| [2] | Void |
| [3] | Void |
| [4] | Void |
| [5] | 3GPP TS 11.14: Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment interface. |
| [6] | Void |
| [7] | 3GPP TR 21.905: "Vocabulary for 3GPP Specifications" |
| [8] | 3GPP TS 24.008: Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 |
| [9] | 3GPP TS 23.060: General Packet Radio Service (GPRS) Service description; Stage 2 |
| [10] | 3GPP TS 31.103: Characteristics of the ISIM Application |
| [11] | 3GPP TS 27.060: Packet domain; Mobile Station (MS) supporting Packet Switched services |
| [12] | 3GPP TS 22.090: Unstructured Supplementary Service Data (USSD) Stage 1 |
| [13] | 3GPP TS 23.090: Unstructured Supplementary Service Data (USSD) Stage 2 |
| [14] | 3GPP TS 31.111: USIM Application Toolkit (USAT) |
| [15] | 3GPP TS 31.102: Characteristics of the USIM Application |
| [16] | 3GPP TS 26.110: Codec for circuit switched multimedia telephony service |
| [17] | 3GPP TS 26.235: Packet switched conversational multimedia applications; Default codecs |

[...]

7 USAT User Interface requirements

7.1 Data presentation requirements (e.g. Display)

In order to be able to create and operate applications with a homogeneous display(s) USAT shall fully control the display of all actions and all network-responses concerned with the operation of the application. USAT shall, upon completion/closure of the application, return full control to the ME.

The ~~display-presentation~~ of information shall be either in the form of text (i.e. alphanumeric characters) ~~or~~, in graphical form, picture form, audio form, video form, or both any combination of them. Such a presentation of information shall take into account the presentation capabilities of the ME and the communication capabilities of the UICC - ME interface. The format of the information to be presented shall comply with 3GPP TS 26.110 [16] and 3GPP TS 26.235[17].

The USAT shall be able to present on the ME a Multimedia Message stored in the UICC.

Optionally under user control the ME may display the individual actions/network responses.