3GPP TSG-T#17 **Tdoc TP-020245**
Biarritz, France, 4 –6 September 2002

TSG-SA WG1 #17 **S1-021853**
Durango, USA, 12-16th August 2002 **Agenda Item:**

Title:	**Discussion on MMS configuration information**
Release:	Release 4, Release 5
Work Item:	MMS
Source:	SA1
To:	SA
Cc:	T

Contact Person:
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Attachments: S1-021843 (LS on Storage of MMS parameters on the SIM)

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1. Overall Description:

SA1 has discussed during meeting #17 the storage of MMS configuration information both in Release 4 and Release 5. This was motivated by concerns raised by GSM Association on this area of the specifications.

The following companies are in support for the MMS configuration storage requirement on the SIM, in addition to the USIM with a fall-back on the ME:

All GSMNA operators, Orange, Vodafone, Telefonica, SBC Communications.

In line with this latest development, the following text highlights the necessary changes to be addressed by 22.140 Release 4 and Release 5:

- ***Storage of MMS configuration information***

It shall be possible for the user to store a number of sets of MMS configuration information to allow access to MMS services. In order to use MMS at least one configuration set must exist. It shall be possible to store the configuration information sets preferentially on the USIM and SIM with a fall-back to the ME. The availability of MMS services is indicated by the presence of corresponding data fields in the USIM, SIM, or the ME.

It shall be possible to store one set of connectivity configuration parameters in the USIM and SIM , which may be altered by the user unless locked by the issuer of the USIM, or SIM.

If more than one set of configuration information is present, it shall be possible for the user to select which set is used. If the user has not selected any of the configuration information sets, then any of the valid configuration sets in the USIM or SIM is used.

If no configuration information is present on the USIM or SIM, the configuration information set if available on the ME may be used to access MMS services.

Some considerations in favour of specifying MMS configuration information on the SIM:

- The new text clarifies that it shall be possible to store MMS configuration information on the USIM, SIM or ME. The capability to store the configuration information on the SIM as herein requested will allow access to MMS from any ME compliant with Release 4 and onwards. It will also allow portability of the MMS user configuration information stored in the SIM across different terminals. Note that this support

of the MMS user configuration information on the SIM is also extended to the releases beyond release 4 for as long as the SIM is recognised by the terminal.

- In case a SIM which does not contain MMS configuration information (e.g. legacy SIMs) is inserted in a ME, the terminal is then expected to find the MMS configuration information stored in the ME. Details of the parameters will be defined by the appropriate working groups (e.g. T3).

Some considerations against specifying MMS configuration information on the SIM:

- SA1 understands that TSG-T has agreed not to make further changes to the SIM in Release 4 unless an error is found and an urgent correction is needed. Furthermore, SA1 understands that TSG-T has agreed not to have a Release 5 SIM specification.

- Currently, service usability by MMS capable terminals using only a SIM is ensured, as in this case MMS connectivity parameters are stored in the ME.

- Rel-4 and later releases provide an additional solution, by enabling storage of MMS parameters in the USIM.

- Modifications to the SIM specifications will cause legacy problems. For example, MMS capable terminals that are already on the market cannot use MMS configuration information stored in the SIM card. There may be other legacy problems caused by technical implications on which SA1 has not sufficient expertise to evaluate.

- Implementation based on current specifications is already well under progress and late changes on Rel-4 and Rel-5 will cause delays in implementation which will result in a delay in commercial availability of terminals supporting MMS.

- Even if MMS connectivity parameters were stored in the SIM this will not ensure seamless service continuity if a user changes his terminal, since his messages and user personalisation of the MMI will still reside on the old terminal

2. Actions:

To SA

ACTION: SA1 asks SA to provide guidance on the way forward for MMS configuration parameter storage

3. Date of Next TSG-SA1 Meetings:

SA1 SWGs	14-18 October 2002,	Beijing, co-located with SA2
SA1#18	11-15 November 2002,	Busan, Korea, hosted by Samsung

GSMNA #23 Las Vegas, USA

Title: **Liaison Statement on Storage of MMS Parameters on the SIM**
Source: GSMNA CTO Advisory Group
To: 3GPP SA1
Cc: GSMA SERG, 3GPP T3

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1. Overall Description:

GSMNA has become aware of an issue involving continuity of MMS service for subscribers with GSM SIM cards who either a) attempt to use their SIM cards in Release 5 GSM-only terminals, or b) attempt to use their SIM cards in 3G terminals.

Briefly, GSM subscribers today must have MMS connectivity parameters provisioned on their handsets to enable access to the MMS infrastructure. The method and format for storing these parameters is not standardized, nor is there a standard for storing these parameters on the SIM card. For 3G subscribers, however, a recently approved standard allows storing these parameters on the USIM so that 3G handsets will not need to store these parameters. This inconsistency in the manner in which MMS connectivity parameters are stored and accessed creates a situation whereby some combinations of User Equipment (handset and smart card) will result in subscribers being unable to access their MMS service.

Two approaches have been identified to correct this problem: 1) to standardize a method for storing these connectivity parameters on the SIM card (similar to that for the USIM), or 2) standardize a method for storing these parameters on all handsets (both 2G and 3G).

The GSMNA operators, as represented by the GSMNA CTO Advisory Group, unanimously favor Option 1 (i.e., storage of MMS parameters on the GSM SIM card). We believe this option provides the most flexibility and minimizes impacts to the equipment manufacturers.

2. Actions:

The GSMNA CTO Advisory Group would like to request that 3GPP SA1 impose a service requirement to enable storing MMS connectivity parameters on the GSM SIM card, and initiate change requests to the appropriate standards.

3. Date of Next GSMNA Meetings:

Title	Date	Location	Country
GSMNA#24	18 – 22 Nov 02	TBD	United States