3GPP TSG-T (Terminals) Meeting #21
Frankfurt, Germany
17 - 19 September, 2003

TP-030202

3GPP TSG-T2 #22
Cambridge, UK
25 -29 August 2003

T2-030472

Title:	LS on addition of MMS support by the USIM Application Toolkit
Response to:	TP-030150
Release:	Release 6
Work Item:	
Source:	T2
To:	TSG-T, SA1, SA2, T3
Cc:	

Contact Person:	Tim Ambrose
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Attachments:

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1. Overall Description:

T2 has been asked to comment on the feasibility of utilising MMS as a mechanism to transfer data to and from the USAT. In doing so, T2 has noted the following statements expressed by SA1 and SA2:

> "SA1 agreed that the principle requirement is to provide a higher bandwidth channel to USAT, than that currently provided by SMS." (S1-030922)

> "SA 2 understand that many Over The Air SIM updates use multiple (eg >20) SMSes and SA 2 note that the SMS architecture is not well optimised for this. Hence, MMS appears to be a suitable 'bearer' to use as a natural evolution of multiple concatenated SMSes" (S2-033242)

T2 confirms that it is in principle technically feasible for MMS to be used as a transport mechanism for the transfer of data (e.g. any application data) to and from a terminal. Utilising MMS for this purpose will overcome the complexities and additional overheads of using SMS for large data downloads. However, at this point in time, T2 has not yet studied the detailed implications which are due to the particular case when USAT uses MMS as a transport mechanism for USAT data.

To facilitate this new capability, new features would be needed in order to allow multimedia messages to be addressed to applications in the UE other than the MMS user agent. Such a proposal has already made from the Java Community JSR 205 expert group as part of the J2ME Wireless Messaging API (WMA) development (see LS in T2-030389).

Please note that T2 can only comment on the MMS transfer of data between the terminal and the network and cannot make a judgement on the feasibility of transferring this data between the terminal and the UICC.

2. Actions

To: SA1, SA2, TSG T

Action: Please advise T2 on how to proceed on this new feature in time for consideration at our next meeting

To: T3

Action: T2 asks T3 to identify any particular requirement/implication which are due to the particular case when USAT uses MMS as a transport mechanism for data.

3. Date of next T2 Meetings:

T2#23	17-21 Nov 2003	US