

**3GPP TSG-T3 Meeting #29
Dallas, USA, 18-21 November 2003**

Tdoc T3-030928

Title: T3 reply to LS's on MMS as a Bearer for USAT

Source: T3

To: SA, SA1, SA2, T, T2

Cc:

Contact Person:

Name: Tim Evans

Tel. Number: +44 (0) 7899 077654

E-mail Address: tim.evans@vf.vodafone.co.uk

Attachments:

1. Overall Description:

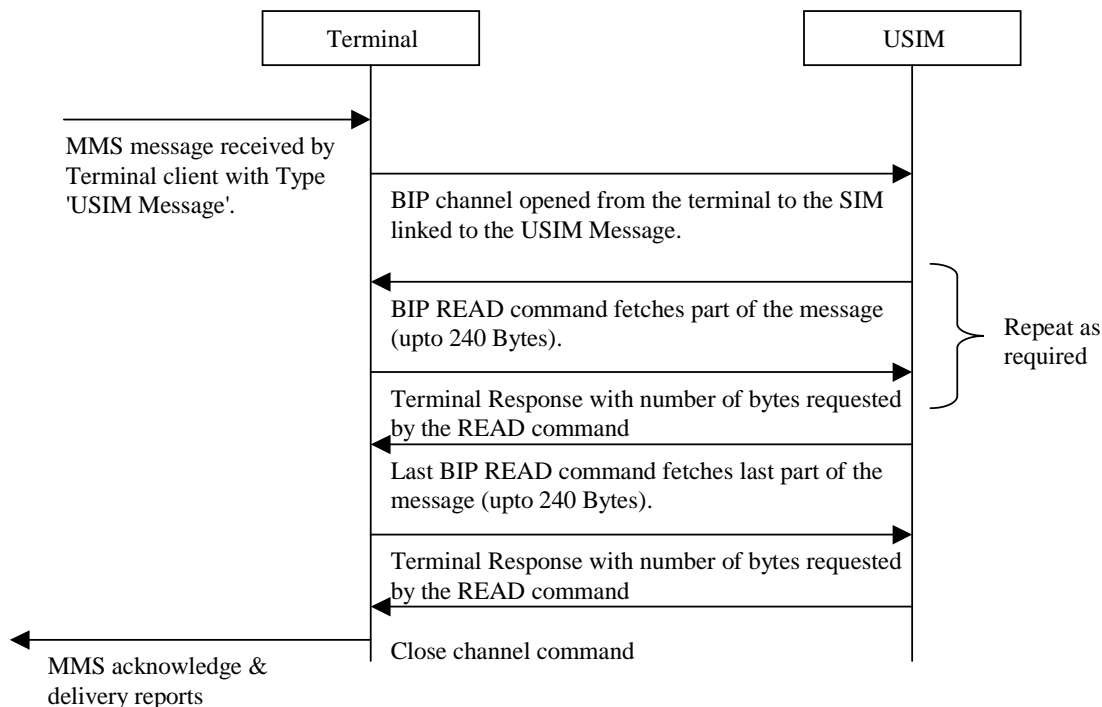
T3 thank SA1, SA2, T and T2 for the Liaison statements received at T3 #29.

To help clarify the issue, T3 discussed in detail the issues and requirements mentioned in the LS's and have defined some possible use cases and their properties to allow the actions to be attributed correctly.

Use Case 1 – Download of a block of data to the USIM as a Network initiated Data download

This use case is a download of a large block of data to the USIM that may be acknowledged by the USIM. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data download can be achieved with no user alerting or user interaction.

T3 suggest that a possible implementation for this service could be the addition of a new Mime type to the MMS specifications, that is 8 bit data to be sent to the USIM. This would also allow MMS's to interact with the USIM. A possible message flow follows:-



**ACTION:- SA1 to agree that this Use case is required and that the implementation is acceptable.
T2 to create a new identifier 'USIM message' (if SA1 agreement).
T3 to add ability to setup a BIP channel from the Terminal (if SA1 agreement).**

Use Case 2 – High Bandwidth Interactive communication between Network and USIM, Network initiated

This use case is a download of a large block of data to the USIM that may cause blocks of data to be returned to the network. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data interaction can be achieved with no user alerting or user interaction.

T3 suggest that the current GPRS BIP specifications allow this use case to be implemented as GPRS BIP with TCP/IP is in the USAT specification since Rel-99. T3 does however observe that there is currently no mechanism to open a channel from the network: however T3 is aware that there will be CRs submitted to the next EP SCP meeting.

ACTION:- SA1 to agree that this Use case is required and that the implementation is acceptable.

The following use cases are not related to MMS as a bearer, but are included for completeness.

Use Case 3 – High Bandwidth Interactive communication between Network and USIM, USIM initiated

This use case is the setup of a data channel from the USIM to the network that allows the USIM to send large blocks of data and may cause blocks of data to be returned from the network. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data interaction can be achieved with no user alerting or user interaction.

T3 suggest that the current GPRS BIP specifications allow this use case to be implemented as GPRS BIP with TCP/IP is in the USAT specification since Rel-99.

ACTION:- No action required.

Use Case 4 – Ability for USIM to send a MM to the Terminal

This use case allows the USIM to send a MM to the terminal as though it was retrieved from the network for display at the terminal. It was agreed that this shall not be done.

Use Case 5 – Storage of MM's on the USIM

This is the subject of a current WID and is included for completeness.

T3 believe that use case 2, the BIP mechanism, which will be available after the next SCP meeting in December, fulfils the requirements of SA1.

2. Actions:

ACTION: SA1 to consider the use cases outlined and to raise a work item to co-ordinate the addition of these features.

3. Date of Next 3GPP TSG-T WG3 Meetings:

TSG-T3 Meeting #30 10-13 February 2004 Sophia Antipolis, France.