

**Source:** TSG SA1  
**Title:** CRs to Multimedia Messaging Service (22.140)  
**Document for:** Approval  
**Agenda Item:** 6.1.3

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Phase	Cat	Subject	Version-Current	Version-New
SP-000214	S1-000347	22.140	001		R00	B	Introduction of streaming for MMS	3.0.0	4.0.0

# CHANGE REQUEST

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

**22.140 CR 001**

Current Version: **3.0.0**

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

? CR number as allocated by MCC support team

For submission to: **SA#8**  
*list expected approval meeting # here ?*

for approval   
 for information

strategic  (for SMG use only)  
 non-strategic

Form: CR cover sheet, version 2 for 3GPP and SMG    The latest version of this form is available from: <ftp://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:**    14/04/00

**Subject:**    Introduction of streaming for MMS

**Work item:**    MMS

<b>Category:</b>	F Correction <input type="checkbox"/> A Corresponds to a correction in an earlier release <input type="checkbox"/> B Addition of feature <input checked="" type="checkbox"/> C Functional modification of feature <input type="checkbox"/> D Editorial modification <input type="checkbox"/>		<b>Release:</b>	Phase 2 <input type="checkbox"/> Release 96 <input type="checkbox"/> Release 97 <input type="checkbox"/> Release 98 <input type="checkbox"/> Release 99 <input type="checkbox"/> Release 00 <input checked="" type="checkbox"/>
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*(only one category shall be marked with an X)*

**Reason for change:**    To introduce streaming for MMS release 2000

**Clauses affected:**    \_\_\_\_\_

<b>Other specs affected:</b>	Other 3G core specifications <input type="checkbox"/> ? Other GSM core specifications <input type="checkbox"/> ? MS test specifications <input type="checkbox"/> ? BSS test specifications <input type="checkbox"/> ? O&M specifications <input type="checkbox"/> ?	List of CRs: _____ List of CRs: _____ List of CRs: _____ List of CRs: _____ List of CRs: _____
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**Other comments:**    \_\_\_\_\_



help.doc

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

# 3G TS 22.140 3.0.0 (1999-12)

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*Technical Specification*

**3rd Generation Partnership Project;  
Technical Specification Group Services and System Aspects  
Service aspects;  
Stage 1  
Multimedia Messaging Service  
(3G TS 22.140 version 3.0.0)**

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## 5.2 Multimedia message delivery and submission

### ? Submission mechanism

The MMS shall support multimedia messages or messages elements to be submitted to the recipient's terminal.

### ? Push Mechanism

The MMS shall be able to support a request for multimedia messages or messages elements to be automatically delivered to the recipient's terminal.

### ? Pull Mechanism

The MMS shall be able to support a request for multimedia messages or messages elements to be delivered to the recipient's terminal on request by the recipient.

For Release 99, streaming will be considered only in the case of the pull mechanism

**Editor's Note: push and pull delivery mechanisms could be identical; the criteria which decide on the type of mechanism (push / pull) are either described in the User Services Profile or out of the scope of this specification.**

### ? Concurrency

The MMS shall be able to support MM delivery to and from the user's terminal not be restricted during other active services (subject to the capabilities of the terminal and the network).

### ? Streaming

**The MMS shall be able to support streaming for both MM delivery from the MMS Server to the terminal, and MM upload from the terminal to the MMS Server.**