Technical Specification Group Services and System Aspects ***TSGS#15(02)0085***
Meeting #15, Cheju Island, Korea, 11-14 March 2002

Source: **TSG-SA WG4**

Title: CR to TS 26.233 on " Correction of missing use case example: PSS service activation via MMS " (Release 4)

Document for: **Approval**

Agenda Item: **7.4.3**

The following CR, agreed at the TSG-SA WG4 meeting #20, is presented to TSG SA #15 for approval.

Spec	CR	Rev	Phase	Subject	Cat	Vers	WG	Meeting	S4 doc
26.233	002	1	REL-4	Correction of missing use case example: PSS service activation via MMS	F	4.1.0	S4	TSG-SA WG4#20	S4-020202

3GPP TSG-SA WG4 PSM Meeting #20
Lulea, Sweden, 18-22 February 2002

S4-020202

CR-Form-v5

CHANGE REQUEST

⌘ **26.233** **CR** **002** ⌘ **rev** **1** ⌘ Current version: **4.1.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☒ Radio Access Network ☐ Core Network ☐

Title:	⌘	Correction of missing use case example: PSS service activation via MMS
Source:	⌘	TSG SA WG4
Work item code:	⌘	PSTREAM
Date:	⌘	11-Mar-02
Category:	⌘	**F**
Release:	⌘	REL-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	Service description clause text has omitted one of the standardised Rel 4 service activation use cases - activation via received MMS message - in Clause 4.2.1.
Summary of change:	⌘	This CR adds explanatory text on obtaining the SDP file in case the service is originated via MMS and a new related figure with MMS Server/Relay MMS service element.
Consequences if not approved:	⌘	Use case for PSS originated via MMS delivery remains uncovered.

Clauses affected:	⌘	4.2.1
Other specs affected:	⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
Other comments:	⌘	

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.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.

4.2 Use case descriptions

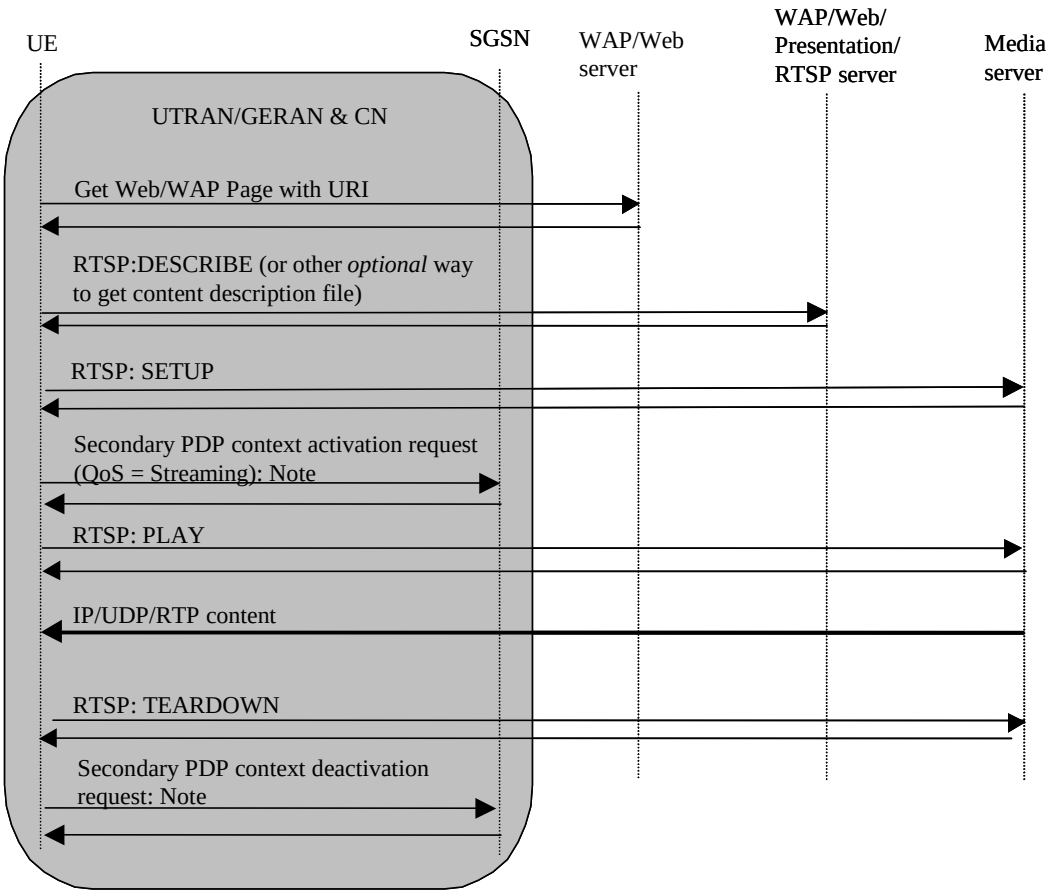
4.2.1 Simple streaming

The simple streaming service includes a basic set of streaming control protocols, transport protocols, media codecs and scene description protocol. In this simple case, there is neither explicit capability exchange, nor any encryption or digital rights management.

A mobile user gets a URI to specific content that suits his or her terminal. This URI may come from a WWW-browser, a WAP-browser, or typed in by hand. This URI specifies a streaming server and the address of the content on that server. An application that establishes the multimedia session shall understand a Session Description Protocol (SDP) file. The SDP file may be obtained in a number of ways. It may be provided in a link inside the HTML page that the user downloads, via an embed tag. It may also be directly obtained by typing it as a URI. It may also be obtained through RTSP signalling via the DESCRIBE method. In case of streaming delivery option of MMS service, the SDP file is obtained via the MMS user agent that receives a modified MMS message from the MMS relay or server. The SDP file contains the description of the session (session name, author, …), the type of media to be presented, and the bitrate of the media.

The session establishment is the process in which the browser or the mobile user invokes a streaming client to set up the session against the server. The UE is expected to have an active PDP context in accordance with [5] or other type of radio bearer that enables IP packet transmission at the start of session establishment signalling. The client may be able to ask for more information about the content. The client shall initiate the provisioning of a bearer with appropriate QoS for the streaming media. Sessions containing only non-streamable content such as a SMIL file, still images and text to form a time-synchronised presentation don't require use of SDP file in session establishment. The set up of the streaming service is done by sending an RTSP SETUP message for each media stream chosen by the client. This returns the UDP and/or TCP port etc. to be used for the respective media stream. The client sends a RTSP PLAY message to the server that starts to send one or more streams over the IP network.

This case is illustrated below in figure 1a. Figure 1b illustrates the service use case when the SDP file is obtained via MMS.



NOTE: These messages are one example of how to establish and terminate the bearer with the desired QoS. Other alternatives exist, e.g., an existing PDP context might be modified.

Figure 1a: Schematic view of a simple streaming session

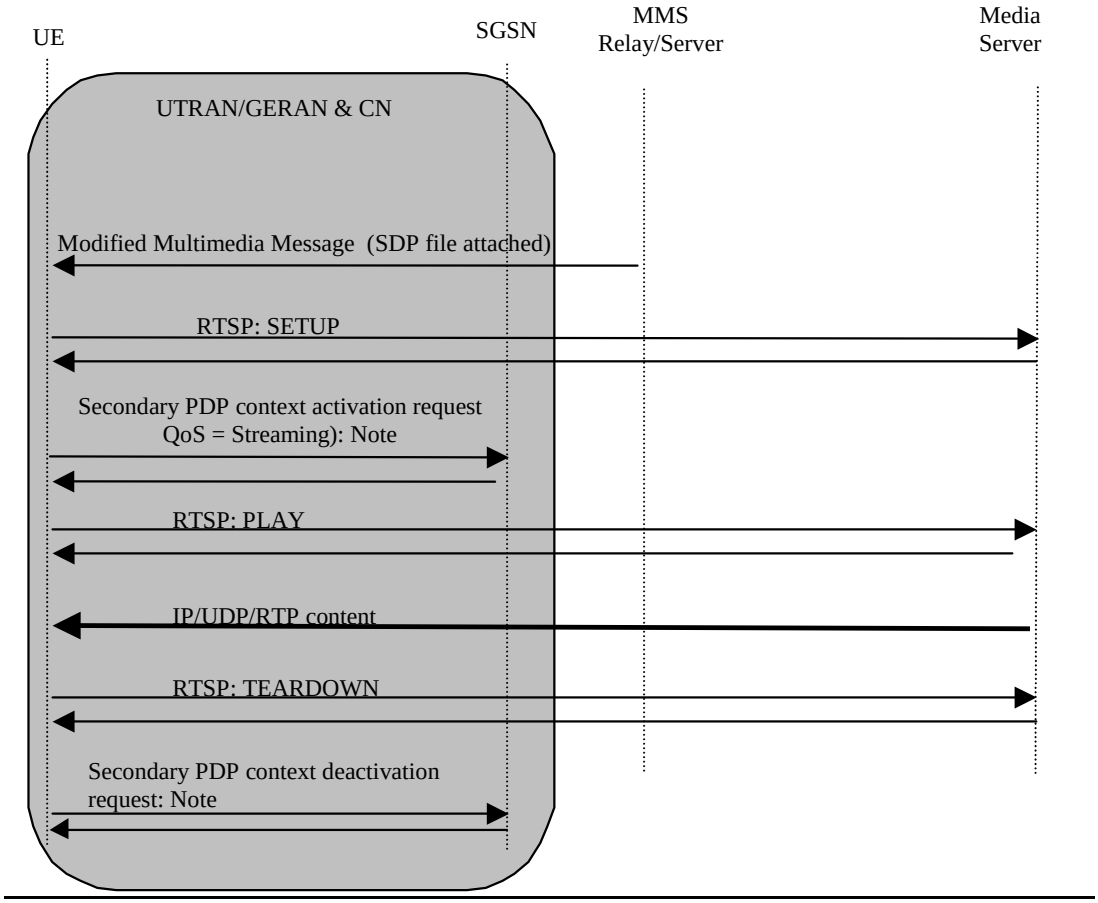


Figure 1b: Schematic view for streaming session originated via MMS