Title	Clarification of MMS notification handling and differentiated roaming behavior
Release	Release 6
Work Item	MMS
Agenda item	7.1.3
Related documents	T2-020923 CR to TS 23.140 version 5.4.0
	SP-020660 (S1-022359) CR 23 to TS 22.140 version 5.3.0
Source	Telefónica Móviles, T-Mobile

1. Introduction

At T2#19 a Rel6 CR to TS 23.140 was tabled (T2-020923, source: Telefónica Móviles and Orange) requesting the introduction of a new field *MMS autofetch* in the MMS notification to be optionally set by the home network operator in order to give the MMS relay/server an influence on the selection between an automatic or non-automatic retrieval of an MM so that an automatic download of the message could be avoided in case this implies costs to the MM recipient (e.g. roaming, e-mail to MMS, etc.). As a result of this CR, downloading of MMs would take place or not depending on the comparison of the (operator specified) Autofetch information element and the UA configuration as outlined below:

Autofetch information element	**User Agent configuration**	**Resulting retrieval mode**
Automatic	Automatic	Automatic
Automatic	Manual	Manual
Manual	Automatic	Manual
Manual	Manual	Manual
Not Present	Automatic	Automatic
Not Present	Manual	Manual

Such MM notification handling would enable a network operator to offer an MMS user experience similar to the SMS service experience and is based on the existing general SA1 requirement of supporting a push mechanism over MMS as specified in section 5.2 of TS 22.140:

- 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.

In the T2 discussion some manufacturers have expressed concerns "to provide final control to the hand of end users" (cf. the draft T2#19 report), so the CR was simply noted and an e-mail discussion on that subject was agreed.

In parallel, SA1#18 agreed on a Rel6 CR to TS 22.140 sect 5.2 (S1-022359 aka SP-020660, source: Openwave) introducing among other issues a differentiated roaming behavior for MMS:

- **Differentiated Roaming Behavior**
It shall be possible to define different message delivery behavior when roaming. It shall be possible for the user to configure the UA to automatically turn off the immediate message download when roaming. For billing, the billing records shall contain information on roaming status of the subscriber when the transaction occurs.

2. Proposed actions

SA is asked to task both SA1 and T2 to align the handling of MM retrieval along the lines of the proposed Autofetch mechanism prior to the approval of CRs. In addition, SA1 should be tasked to add a statement in TS 22.140 section 5.2 on the Push mechanism that the recipient's network is able to override the recipient's preference on MM delivery.

Note: The reference to section 8.1.1 *Submission of a Multimedia Message* given in TS 23.140 Annex F is erroneous; it should be replaced by references to sections 7.1.1 and 8.1.3.