Source:	**SA1**
Title:	**Rel-5 CR to 22.140 - Introduction of short codes for VASP addressing**
Document for:	**Approval**
Agenda Item:	**7.1.3**

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020251	22.140	016		Rel-5	F	CR to 22.140 - Introduction of short codes for VASP addressing	5.1.0	5.2.0	S1-021073

CR-Form-v5

CHANGE REQUEST

| ⌘ | **22.140** CR | **016** | ⌘ **rev** | | ⌘ | Current version: | **5.1.0** | ⌘ |

*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 **X**

Title: ⌘	Introduction of short codes for VASP addressing.	
Source: ⌘	SA1	
Work item code: ⌘	MMS Enhancement	***Date:*** ⌘ 06/05/2002

Category: ⌘ **F**		***Release:*** ⌘ REL-5
Use one of the following categories:		*Use one of the following releases:*
F *(correction)*		*2 (GSM Phase 2)*
A *(corresponds to a correction in an earlier release)*		*R96 (Release 1996)*
B *(addition of feature),*		*R97 (Release 1997)*
C *(functional modification of feature)*		*R98 (Release 1998)*
D *(editorial modification)*		*R99 (Release 1999)*
Detailed explanations of the above categories can		*REL-4 (Release 4)*
be found in 3GPP TR 21.900.		*REL-5 (Release 5)*

Reason for change: ⌘	The short code feature is already defined in 23.140 5.2.0 without appropriate high level requirement in 22.140.
Summary of change: ⌘	Introduction of the short code feature for VASP addressing and inclusion of definition in chapter 3 (Definitions and abbreviations).
Consequences if not approved: ⌘	Inconsistency between 22.140 5.1.0 and 23.140 5.2.0

Clauses affected: ⌘	3.1, 5.4
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.

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3   Definitions and abbreviations

3.1   Definitions

Recipient : the recipient is the entity to which a MM has been sent.

Sender: the sender is the entity that sent a MM.

User: the user is the MM sender or the MM recipient.

message element: a message element is a part of a MM consisting of only one media type.

multimedia message: a multimedia message is a message composed of one or more message elements.

multimedia message service: A multimedia message service allows transfer of multimedia messages between users without the requirement for the multimedia messages to be transferred in real-time.

media types: a media type refers to one form of presenting information to a user, e.g. voice or fax.**media formats**: within one media type different media formats are applicable for the media presentation, e.g. a picture can be GIF or JPEG format.

network: for the purposes of supporting multimedia messaging, the term network shall be considered to include the mobile operator's network and any functionality which may exist outside the mobile operator's network (i.e.fixed, internet and multimedia technologies etc.), and the support provided by that functionality for multimedia messaging.

service capabilities features: see Reference [2].

Value Added Service Provider: Provides services other than basic telecommunications service for which additional charges may be incurred.

Short code: A string of alphanumeric characters which addresses a specific service of a Value Added Service Provider.

------------------------------- NEXT MODIFICATION --

5.4   Addressing

The MMS shall support different addressing formats to identify the sender and recipient. It shall be possible to submit one message to multiple recipients.

The MMS shall support the capability for both MSISDN [4] and e-mail addressing schemes [5] to be used, and the user may use either form of addressing to send a message.

The MMS shall be able to support the request to hide the sender's address from the recipient.

The MMS shall support a distribution list for mass distribution of MMs from a VASP. The MMS shall support the ability for a VASP to have the distribution list been modified by the MMS service provider for this release.

The MMS may support short code addresses to address Value Added Services. If supported, and routing of messages to a MMS VASP service based on a short code address is enabled, the MMS shall be able to translate the short code address to a routable address to be used in the transport layer, e.g. a URI.

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