
Source: SA5 (Telecom Management)
Title: 2 Rel-4/5 CRs 32.235 (Service Charging): "Corrections on MMS addressing - alignment with T2's 23.140 (MMS stage 2)"
Document for: Approval
Agenda Item: 7.5.3

Doc-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Doc-2nd-Level	Workitem
SP-030058	32.235	009	-	Rel-4	Corrections on MMS addressing - alignment with T2's 23.140 (MMS stage 2)	F	4.4.0	S5-034037	OAM-CH
SP-030058	32.235	010	-	Rel-5	Corrections on MMS addressing - alignment with T2's 23.140 (MMS stage 2)	A	5.1.0	S5-034024	OAM-CH

CHANGE REQUEST

⌘ **32.235 CR 009** ⌘ rev **-** ⌘ Current version: **4.4.0** ⌘

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

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘	Corrections on MMS addressing - alignment with T2's 23.140 (MMS stage 2)	
Source:	⌘	S5	
Work item code:	⌘	OAM-CH	Date: ⌘ 28/02/2003
Category:	⌘	F	Release: ⌘ Rel-4
		Use <u>one</u> of the following categories:	Use <u>one</u> 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 be found in 3GPP TR 21.900 .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘	The MMS addressing model on MM1 interface supports the user's address (E.164 (MSISDN) or RFC822 address) but does not support terminal's address such as IP address.
Summary of change:	⌘	The "IP address" value is removed from both the Originator and Recipient User agent address parameter
Consequences if not approved:	⌘	Inconsistency with the MMS addressing model defined in the stage 2 TS 23.140.

Clauses affected:	⌘	5.20, 5.25 and 6								
Other specs affected:	⌘	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N		X		X		X
Y	N									
	X									
	X									
	X									
Other comments:	⌘									

How to create CRs using this form:

Change in Clause 5.20

5.20 Originator Address

This field contains an originator MMS User Agent address. The MMS supports the use of E-Mail addresses (RFC 822 [5]) ~~or~~ MSISDN (E.164) ~~or IP addresses~~.

End of Change in Clause 5.20

Change in Clause 5.25

5.25 Recipient Address

This field contains a recipient MMS User Agent address. The MMS supports the use of E-Mail addresses (RFC 822 [5]) ~~or~~ MSISDN (E.164) ~~or IP addresses~~.

End of Change in Clause 5.25

Change in Clause 6

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

```

MMSAgentAddress ::= SEQUENCE
--
-- usage of SEQUENCE instead of CHOICE allows several address types to be present at the same time
--
{
  eMail-address [0] OCTET STRING,
  mSISDN [1] MSISDN OPTIONAL,
  iPAddress [2] IPADDRESS OPTIONAL
}

```

End of Change in Clause 6

CHANGE REQUEST

⌘ **32.235 CR 010** ⌘ 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: UICC apps ME Radio Access Network Core Network

Title:	⌘ Corrections on MMS addressing - alignment with T2's 23.140 (MMS stage 2)		
Source:	⌘ S5		
Work item code:	⌘ OAM-CH	Date:	⌘ 28/02/2003
Category:	⌘ A	Release:	⌘ Rel-5
	<i>Use <u>one</u> of the following categories:</i> 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 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ The MMS addressing model on MM1 interface supports the user's address (E.164 (MSISDN) or RFC822 address) but does not support terminal's address such as IP address. On the other hand, the use of service provider specific addresses (short code) to address Value Added Service Provider should be supported.
Summary of change:	⌘ The "IP address" value is removed from both the Originator and Recipient User agent address parameter and the "short code" value is added in the Recipient User agent address parameter.
Consequences if not approved:	⌘ Inconsistency with the MMS addressing model defined in the stage 2 TS 23.140.

Clauses affected:	⌘ 5.26, 5.33 and 6						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	⌘						

How to create CRs using this form:

Change in Clause 5.26

5.26 Originator Address

This field contains an originator MMS User Agent address. The MMS supports the use of E-Mail addresses (RFC 822 [5]) or MSISDN (E.164) ~~or IP addresses.~~

End of Change in Clause 5.26

Change in Clause 5.33

5.33 Recipient Address

This field contains a recipient MMS User Agent address. The MMS supports the use of E-Mail addresses (RFC 822 [5]), MSISDN (E.164) or Service provider specific addresses (short code) ~~IP addresses.~~

End of Change in Clause 5.33

Change in Clause 6

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

```

MMSAgentAddress ::= SEQUENCE
--
-- usage of SEQUENCE instead of CHOICE allows several address types to be present at the same time
--
{
  eMail-address [0] OCTET STRING,
  mSISDN [1] MSISDN OPTIONAL,
  iPAddress [2] IPADDRESS OPTIONAL
  shortCode [2] OCTET STRING OPTIONAL
}

```

End of Change in Clause 6
