

CR-Form-v5.1

## CHANGE REQUEST

⌘ **TS 34.123-2 CR 072** ⌘ rev **1** ⌘ Current version: **4.2.0** ⌘

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:** ⌘ CR to Section 4, Table 1: Addition of test of short message type 0 (16.1.6 & 16.2.6)

**Source:** ⌘ T1

**Work item code:** ⌘ TEI **Date:** ⌘ 06.06.2002

<p><b>Category:</b> ⌘ <b>F</b></p> <p>Use <u>one</u> of the following categories:</p> <ul style="list-style-type: none"> <li><b>F</b> (correction)</li> <li><b>A</b> (corresponds to a correction in an earlier release)</li> <li><b>B</b> (addition of feature),</li> <li><b>C</b> (functional modification of feature)</li> <li><b>D</b> (editorial modification)</li> </ul> <p>Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a>.</p>	<p><b>Release:</b> ⌘ Rel-5</p> <p>Use <u>one</u> of the following releases:</p> <ul style="list-style-type: none"> <li>2 (GSM Phase 2)</li> <li>R96 (Release 1996)</li> <li>R97 (Release 1997)</li> <li>R98 (Release 1998)</li> <li>R99 (Release 1999)</li> <li>REL-4 (Release 4)</li> <li>REL-5 (Release 5)</li> </ul>
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**Reason for change:** ⌘ For SMS Type 0 there is currently no test existing. However, this feature is used by many network operators in order to get UE positioning data or to check whether an UE is 'on air' in the network. An UE receiving such a message shall behave according to the core specifications. Since the conformance requirement has been made harder from REL-4 to REL-5, the REL-5 relevant Test Cases have been created as sections 16.1.6a and 16.2.6a respectively.

**Summary of change:** ⌘ Addition of a new test in section 16.1.6a (CS) and 16.2.6a (PS)

**Consequences if not approved:** ⌘ The Applicability Table will be incomplete.

**Clauses affected:** ⌘ Section 4, Table 1, Applicability Table

<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications	
	⌘ <input checked="" type="checkbox"/> Test specifications	3GPP TS 34.123-1
	⌘ <input type="checkbox"/> O&M Specifications	

**Other comments:** ⌘ The corresponding test case of 3GPP TS 51.010-1 is 34.2.6

[...]

**Table 1: Applicability of tests**

Clause	Title	Release	Applicability	Comments
[...]				
<b>SMS</b>				
16.1.1	SMS on CS mode / SMS mobile terminated	R99	C18	UE capable of receiving Short Message at any time on CS mode.
16.1.2	SMS on CS mode / SMS mobile originated	R99	C20	UE capable of submitting Short Message at any time on CS mode.
16.1.3	SMS on CS mode / Test of memory full condition and memory available notification	R99	C21	UE capable of sending the correct acknowledgement of memory full condition on CS mode.
16.1.4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C22	UEs supporting the status report capabilities on CS mode.
16.1.5.1	SMS on CS mode / Short message class 0	R99	C23	UE capable of displaying short messages on CS mode
16.1.5.2	SMS on CS mode / Test of class 1 short messages	R99	C24	UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode
16.1.5.3	SMS on CS mode / Test of class 2 short messages	R99	C25	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.
16.1.5.4	SMS on CS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.1.6	SMS on CS mode / Test of short message type 0 (???)	R99 & REL-4	[FFS]	[FFS]
<a href="#">16.1.6a</a>	<a href="#">SMS on CS mode / Test of short message type 0 (≥ REL-5 UE)</a>	<a href="#">REL-5</a>	<a href="#">C19</a>	<a href="#">UE capable of receiving, displaying and storing of received Short Messages in the UE-(U)SIM message store on CS mode.</a>
16.1.7	SMS on CS mode / Test of the replace mechanism for SM type 1-7	R99	C33	UEs which support Replace Short Messages and display of received Short Messages on CS mode.
16.1.8	SMS on CS mode / Test of the reply path scheme	R99	C34	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode.
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode	R99	C35	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode.
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode	R99	C36	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode.
16.1.10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C101	UE capable of receiving Short Message whilst sending Short Message on CS mode.
16.2.1	SMS on PS mode / SMS mobile terminated	R99	C26	UE capable of receiving Short Message at any time on PS mode.
16.2.2	SMS on PS mode / SMS mobile originated	R99	C27	UE capable of submitting Short Message at any time on PS mode.
16.2.3	SMS on PS mode / Test of memory full condition and memory available notification	R99	C28	UE capable of sending the correct acknowledgement of memory full condition in PS mode.
16.2.4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C29	UEs supporting the status report capabilities in PS mode.
16.2.5.1	Short message class 0	R99	C30	UE capable of displaying short messages in PS mode
16.2.5.2	SMS on PS mode / Test of class 1 short messages	R99	C31	UE capable of displaying short messages and storing of received Class 1 Short Messages in PS mode
16.2.5.3	SMS on PS mode / Test of class 2 short messages	R99	C32	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.
16.2.5.4	SMS on PS mode / Test of class 3 short messages	R99	[FFS]	[FFS]

Clause	Title	Release	Applicability	Comments
16.2.6	SMS on PS mode / Test of short message type 0 (???)	R99 & REL-4	[FFS]	[FFS]
<a href="#">16.2.6a</a>	<a href="#">SMS on PS mode / Test of short message type 0 (≥ REL-5 UE)</a>	<a href="#">REL-5</a>	<a href="#">C48</a>	<a href="#">UE capable of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store on PS mode.</a>
16.2.7	SMS on PS mode / Test of the replace mechanism for SM type 1-7	R99	C37	UEs which support Replace Short Messages and display of received Short Messages in PS mode.
16.2.8	SMS on PS mode / Test of the reply path scheme	R99	C38	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode.
16.2.10	SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C102	UE capable of receiving Short Message whilst sending Short Message on PS mode.
16.3	Short message service cell broadcast	R99	C219	UE capable of receiving broadcast messages.
<b>USER EQUIPMENT FEATURES</b>				
[...]				
[...]				

C01	IF A.1/1 THEN R ELSE N/A
C02	IF A.1/2 THEN R ELSE N/A
[...]	
C18	IF A.2/3 THEN R ELSE N/A
C19	<del>void</del> <a href="#">IF A.20/31 AND A.3/1 THEN R ELSE N/A</a>
C20	IF A.2/4 THEN R ELSE N/A
C21	IF A.20/8 AND A.3/1 THEN R ELSE N/A
[...]	
C46	IF A.3/2 AND A.20/41 THEN R ELSE N/A
C47	IF A.1/1 AND (A.18a/9 or A.18a/10) AND A.3/2 AND A.20/3 THEN R ELSE N/A
C48	<del>void</del> <a href="#">IF A.20/31 AND A.3/2 THEN R ELSE N/A</a>
C49	void
C50	IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A
[...]	

[...]

**Table A.20: Additional information**

Item	Additional information	Ref.	Release	Comments
1	At least one bearer service	22.002, 3	R99	
2	At least one supplementary service	22.004, 4	R99	
[...]				
30	Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted numbers	22.001, Annex E	R99	
31	<del>Void</del> <a href="#">Support of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store</a>	<a href="#">23.040, 9.2.3.9</a>	<a href="#">REL-5</a>	
32	Support of Follow On Proceed	24.008, 4.4.4.6	R99	
33	Support detach on power down		R99	
[...]				
[...]				