3GPP TSG-T (Terminals) Meeting #18 New Orleans, Louisiana, USA 4 - 6 December, 2002

Agenda Item:	5.2.3
Source:	Τ2
Title:	Change Requests to AT+CGCLASS

Document for: Approval

Spec	CR	Rev	Rel	Subject	Cat	Vers- Current	Vers- New	T2 doc	Workitem
27.007	090		R99	Clarification in the behaviour of AT+CGCLASS	F	3.11.0	3.12.0	T2-020993	TEI
27.007	091		Rel-4	Clarification in the behaviour of AT+CGCLASS	A	4.4.0	4.5.0	T2-020994	TI-ATC
27.007	092		Rel-5	Clarification in the behaviour of AT+CGCLASS	A	5.1.0	5.2.0	T2-020995	TEI5
27.007	093		Rel-6	Clarification in the behaviour of AT+CGCLASS	A	6.0.0	6.1.0	T2-020996	TEI6

18 -22 Novembe	r 2002					
	CHANGE REQUEST	CR-Form-v7				
ж	27.007 CR 090 * rev - * Current vers	sion: 3.11.0 [#]				
For <u>HELP</u> on u	sing this form, see bottom of this page or look at the pop-up text	over the # symbols.				
Proposed change a	nffects: UICC apps# ME X Radio Access Netwo	rk Core Network				
Title: #	Clarification in the behaviour of AT+CGCLASS					
Source: ೫	Τ2					
Work item code: ℜ	TI-ATC Date: अ	13/11/2002				
Category: ⊮	Category: # F Release: # R99 Use one of the following categories: Use one of the following release 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) Rel-6 (Release 6)					
Reason for change	incompleted, only the names of theUE modes of operation included. But the current values are also applicable to the in lu mode, listed in the GPRS specification 23.060. A cla explain that the modes of operation are applicable to A/G Furthermore, in +CGEREP command definition there is a parameter included in +CGCLASS. So <class> definition clear.</class>	n in A/Gb mode are a UE modes of operation arification is needed to b and lu modes. reference to <class> shall be complete and</class>				
Summary of chang	e: # References to 23.060, where the operation modes are de included in the AT+CGCLASS Replacement of "class" with the more acurate term "mode Clarification on <class> paramater values, also applicable operation in lu mode.</class>	es of operation"				

Consequences if भ not approved:	Since the command is applicable to UE modes of operation in A/Gb and Iu mode, the specification is incomplete leading to misunderstanding.
	Inconsistency inside 27.007

Clauses affected:	೫ 10.1.17 Y N
Other specs affected:	# Other core specifications # Image: Construction of the specification of the specificatication of the specification of the specification of the spe
Other comments:	ж

- 1) Fill out the above form. The symbols above marked **#** contain pop-up help information about the field that they are closest to.
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- 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.

Command	Possible Response(s)
+CGCLASS=[<class>]</class>	OK
	ERROR
+CGCLASS?	+CGCLASS: <class></class>
+CGCLASS=?	+CGCLASS: (list of supported <class>s)</class>
	+COCLASS. (list of supported CLASS>S)

Table 1: CGCLASS parameter command syntax

Description

The set command is used to set the MT to operate according to the specified GPRS mobile <u>elassmode of operation</u>, see <u>TS 23.060 [47]</u>. If the requested <u>mode of operation</u> is not supported, an ERROR or +CME ERROR response is returned. Extended error responses are enabled by the +CMEE command.

The read command returns the current GPRS mobile classmode of operation.

The test command is used for requesting information on the supported GPRS mobile elassesmodes of operation.

Defined Values

<class>: a string parameter which indicates the GPRS mobile <u>class-mode of operation (in descending order of functionality)</u>

- A class A(A/Gb mode), or CS/PS (Iu mode) (highest)
- B class $B(A/Gb \mod)$, (not applicable in Iu mode)
- CG class C in GPRS only mode (A/Gb mode), or PS (Iu mode)
- CC class C in circuit switched only mode (A/Gb mode), or CS (Iu mode) (lowest)

Other values are reserved and will result in an ERROR response to the set command.

If the MT is GPRS attached when the set command is issued with a <class> = CC specified, a detach request shall be sent to the network.

Implementation

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Clauses affected:	¥ 10.1.17
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Other comments:	ж

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Command	Possible Response(s)
+CGCLASS=[<class>]</class>	OK
	ERROR
+CGCLASS?	+CGCLASS: <class></class>
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Table 1: CGCLASS parameter command syntax

Description

The set command is used to set the MT to operate according to the specified GPRS mobile <u>elassmode of operation</u>, see <u>TS 23.060 [47]</u>. If the requested <u>mode of operation</u> is not supported, an ERROR or +CME ERROR response is returned. Extended error responses are enabled by the +CMEE command.

The read command returns the current GPRS mobile classmode of operation.

The test command is used for requesting information on the supported GPRS mobile elassesmodes of operation.

Defined Values

<class>: a string parameter which indicates the GPRS mobile <u>class-mode of operation (in descending order of functionality)</u>

- A class A(A/Gb mode), or CS/PS (Iu mode) (highest)
- B class $B(A/Gb \mod)$, (not applicable in Iu mode)
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Other values are reserved and will result in an ERROR response to the set command.

If the MT is GPRS attached when the set command is issued with a <class> = CC specified, a detach request shall be sent to the network.

Implementation

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Clarification on <class> paramater values, also applicable for UE modes of operation in lu mode.

Consequences if 🛛 🕷	Since the command is applicable to UE modes of operation in A/Gb and Iu
not approved:	mode, the specification is incomplete leading to misunderstanding.
	Inconsistency inside 27.007

Clauses affected:	₩ 10.1.17 YN
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Implementation

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Replacement of "class" with the more acurate term "modes of operation" Clarification on <class> paramater values, also applicable for UE modes of operation in lu mode.

Consequences if	Since the command is applicable to UE modes of operation in A/Gb and Iu	
not approved:	mode, the specification is incomplete leading to misunderstanding.	
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Clauses affected:	¥ 10.1.17
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If the MT is GPRS attached when the set command is issued with a <class> = CC specified, a detach request shall be sent to the network.

Implementation