3GPP TSG-T (Terminals) Meeting #27
Tokyo, Japan, 9-11 March 2005

TP-050012

Agenda Item: 6.2.3

Source: T2

Title: CRs on AT Commands

Document for: Approval

This document contains the following change requests that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#27 for approval:

Doc-2nd-Level	Spec	CR	Rev	Rel	Subject	Cat	Ver-old	Ver-new	WI
T2-050009	27.007	131		Rel-6	CR 27.007 R6: Align time zone range of AT+CCLK (CLOCK)	F	6.7.0	6.8.0	TEI
T3-050034	27.007	132		Rel-6	CR 27.007 Rel-6: Illogical response in +CGDSCONT test command (REL 6)	A	6.7.0	6.8.0	TEI
T3-050035	27.007	133		Rel-5	CR 27.007 Rel-5: Illogical response in +CGDSCONT test command (REL 5)	F	5.4.0	5.5.0	TEI5

3GPP TSG-T2 #28
Sophia Antipolis, France
8 - 10 February 2005

T2-050009

CR-Form-v7.1

CHANGE REQUEST

⌘ **27.007** **CR** **131** ⌘ **rev** **-** ⌘ Current version: **6.7.0** ⌘

*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:	⌘	Align time zone range of AT+CCLK (CLOCK)
Source:	⌘	Infineon Technologies
Work item code:	⌘	TEI
Date:	⌘	17/01/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

Use one of the following categories:
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.

Use one of the following releases:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	The current time zone range of -47/+48 is not wide enough to cover all areas in the world, e.g. the Pacific island of Kiritimati requires time zone +56.
Summary of change:	⌘	Loosen time zone restrictions. Allow wider 2 digit range.
Consequences if not approved:	⌘	Some existing time zones cannot be set.

Clauses affected:	⌘	8.15			
Other specs affected:	⌘	**Y**	**N**		⌘
			X	Other core specifications	
			X	Test specifications	
			X	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/specs/CR.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.

8.15 Clock +CCLK

Table 75: +CCLK parameter command syntax

Command	Possible response(s)
+CCLK=<time>	*+CME ERROR: <err>*
+CCLK?	+CCLK: <time> *+CME ERROR: <err>*
+CCLK=?	

Description

Set command sets the real-time clock of the MT. If setting fails in an MT error, +CME ERROR: <err> is returned. Refer subclause 9.2 for <err> values.

Read command returns the current setting of the clock.

Defined values

<time>: string type value; format is "yy/MM/dd,hh:mm:ss±zz", where characters indicate year (two last digits), month, day, hour, minutes, seconds and time zone (indicates the difference, expressed in quarters of an hour, between the local time and GMT; range ~~-47~~-96...+96~~+48~~). E.g. 6th of May 1994, 22:10:00 GMT+2 hours equals to "94/05/06,22:10:00+08"

NOTE: If MT does not support time zone information then the three last characters of <time> are not returned by +CCLK?. The format of <time> is specified by use of the +CSDF command.

Implementation

Optional.

3GPP TSG-T2 Meeting #28 ***T2-050034***
Sophia Antipolis, France, 8-10th February 2005

CR-Form-v7.1

CHANGE REQUEST

⌘ **27.007** **CR** **132** ⌘ **rev** **-** ⌘ Current version: **6.7.0** ⌘

*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:	⌘	Illogical response in +CGDSCONT test command (REL 6)
Source:	⌘	Nokia Corporation
Work item code:	⌘	TEI 5
Date:	⌘	14/12/2004
Category:	⌘	**A**
Release:	⌘	Rel-6

Use one of the following categories:
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.

Use one of the following releases:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	Ilogical response in +CGDSCONT test command. This illogicality is understood if one looks at the set and read commands for the corresponding command: the user is not allowed to read or set PDP type parameter. However, when user applies the test command, PDP type is listed. This is a confusing and illogical behaviour and is not logically aligned with test and read commands. If one looks at the specifications of AT commands, one general guideline is that test command gives only the response that user could have set. There are exceptions to this general guideline but in this case there is no basis for it. This is because when secondary context is specified, the PDP type is always the same as that of the corresponding primary context, and as the primary context can have only one PDP type at the time, there is no point of having a compound value.
Summary of change:	⌘	+CGDSCONT test command response changed so that it is aligned and logical with set and read commands
Consequences if not approved:	⌘	+CGDSCONT test command response is illogical and not aligned with set and read commands

Clauses affected:	⌘	10.1.2

Other specs affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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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.

10.1.2 Define Secondary PDP Context +CGDSCONT

Table 1: +CGDSCONT parameter command syntax

Command	Possible response(s)
+CGDSCONT=[<cid> ,<p_cid> [,<d_comp> [,<h_comp>]]]	OK ERROR
+CGDSCONT?	+CGDSCONT: <cid>, <p_cid>, <d_comp>, <h_comp> [<CR><LF>+CGDSCONT: <cid>, <p_cid>, <d_comp>, <h_comp> [...]]
+CGDSCONT=?	+CGDSCONT: (range of supported <cid>s), (list of <cid>s for active primary contexts), ~~<PDP_type>,,,~~(list of supported <d_comp>s), (list of supported <h_comp>s) ~~[<CR><LF>+CGDCONT: (range of supported <cid>s), (list of <cid>s for active primary contexts) ,<PDP_type>,,,(list of supported <d_comp>s), (list of supported <h_comp>s) [...]]~~

Description

The set command specifies PDP context parameter values for a Secondary PDP context identified by the (local) context identification parameter, <cid>. The number of PDP contexts that may be in a defined state at the same time is given by the range returned by the test command.

A special form of the set command, +CGDSCONT= <cid> causes the values for context number <cid> to become undefined.

The read command returns the current settings for each defined context.

~~The test command returns values supported as a compound value. If the MT supports several PDP types, <PDP_type>, the parameter value ranges for each <PDP_type> are returned on a separate line.~~

Defined values

<cid>: (PDP Context Identifier) a numeric parameter which specifies a particular PDP context definition. The parameter is local to the TE-MT interface and is used in other PDP context-related commands. The range of permitted values (minimum value = 1) is returned by the test form of the command.

<p_cid>: (Primary PDP Context Identifier) a numeric parameter which specifies a particular PDP context definition which has been specified by use of the +CGDCONT command. The parameter is local to the TE-MT interface. The list of permitted values is returned by the test form of the command.

~~<PDP_type>: (Packet Data Protocol type) a string parameter which specifies the type of packet data protocol~~

~~X.25 ITU-T/CCITT X.25 layer 3 (Obsolete)~~
~~IP Internet Protocol (IETF STD 5)~~
~~IPV6 Internet Protocol, version 6 (IETF RFC 2460)~~
~~OSPIH Internet Hosted Octet Stream Protocol (Obsolete)~~
~~PPP Point to Point Protocol (IETF STD 51)~~

<d_comp>: a numeric parameter that controls PDP data compression (applicable for SNDCP only) (refer 3GPP TS 04.65 [59])
0 - off (default if value is omitted)
1 - on (manufacturer preferred compression)

2 - V.42bis
Other values are reserved.

<h_comp>: a numeric parameter that controls PDP header compression (refer 3GPP TS 04.65 [59])
0 – off (default if value is omitted)
1 – on (manufacturer preferred compression)
2 – RFC1144
3 – RFC2507
Other values are reserved.

Implementation

Optional.

3GPP TSG-T2 Meeting #28 **T2-050035**
Sophia Antipolis, France, 8-10th February 2005

CR-Form-v7.1

CHANGE REQUEST

⌘ **27.007** **CR** **133** ⌘ **rev** **-** ⌘ Current version: **5.4.0** ⌘

*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 [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Illogical response in +CGDSCONT test command (REL 5)
Source:	⌘	Nokia Corporation
Work item code:	⌘	TEI 5
Date:	⌘	14/12/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
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		Y	N		
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			X	O&M Specifications	

Other comments: ⌘

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Implementation

Optional.