

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

**TP-020272**

**Agenda Item:** 5.2.3

**Source:** T2

**Title:** Change Requests to AT +W46

**Document for:** Approval

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Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
27.007	086	-	R99	Clarification in the behaviour of AT+W46	F	3.11.0	3.12.0	T2-020990	TE1
27.007	087	-	Rel-4	Clarification in the behaviour of AT+W46	A	4.4.0	4.5.0	T2-020976	TI-ATC
27.007	088	-	Rel-5	Clarification in the behaviour of AT+W46	A	5.1.0	5.2.0	T2-020977	TE15
27.007	089	-	Rel-6	Clarification in the behaviour of AT+W46	A	6.0.0	6.1.0	T2-020978	TE16

## CHANGE REQUEST

⌘ **27.007 CR 086** ⌘ rev **-** ⌘ Current version: **3.11.0** ⌘

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

<b>Title:</b>	⌘ Clarification in the behaviour of AT+W46		
<b>Source:</b>	⌘ T2		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 19/11/2002
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ R99
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 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)

<b>Reason for change:</b>	⌘ GSM Association asked for clarification in the behaviour of AT+W46 command (T2-020637) at T2#18. This command is defined in the 27.007 with a reference to the PCCA (Portable Computer and Communications Association) specification STD 101 The GSM A concern was also discussed in GERAN (GERAN#11) and RAN (RAN2#31) groups with the conclusions included in GP-022743 and R2-022221. T (T#17) analysed the problem and suggested some changes to PCCA, included in TP-020255. After PCCA meeting 4 <sup>th</sup> November, they accepted some T suggestions, and a LS will be send to 3GPP (not arrived by the time this CR is written). PCCA suggests to change the meaning of parameter <n> value 12 as T suggested and ignore 22 and 25 values. This CR incorporate the changes suggested by T and PCCA, in the AT commands specification.
<b>Summary of change:</b>	⌘ Clarification in the <n> parameter value 12 in AT+W46, instead of being applicable for "GSM digital celular" shall be applicable for all "3GPP systems" The values 22 WCDMA and 25 GPRS are not used
<b>Consequences if not approved:</b>	⌘ The confusion and clarification raised by GSM A will not be solved and can be raised again.

<b>Clauses affected:</b>	⌘ 5.9										
<b>Other specs affected:</b>	<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="width: 20px; text-align: center;">⌘</td> <td style="width: 20px; text-align: center;">⌘</td> </tr> <tr> <td style="width: 20px; text-align: center;">⌘</td> <td style="width: 20px; text-align: center;">⌘</td> </tr> <tr> <td style="width: 20px; text-align: center;">⌘</td> <td style="width: 20px; text-align: center;">⌘</td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N	⌘	⌘	⌘	⌘	⌘	⌘	⌘	
Y	N										
⌘	⌘										
⌘	⌘										
⌘	⌘										

**Other comments:** ☹

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- 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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## 5.9 PCCA STD-101 [17] select wireless network +WS46

PCCA STD-101 [17] includes a command to select the cellular network (Wireless Data Service; WDS) to operate with the MT/TA. PCCA calls this as WDS-Side Stack Selection. This command may be used when MT/TA is asked to indicate the networks in which it can operate.

**Table 1: +WS46 parameter command syntax**

Command	Possible response(s)
+WS46=[ <n> ]	
+WS46?	<n>
+WS46=?	(list of supported <n>s)

### Description

Set command selects to WDS side stack <n> to be used by the MT/TA. Read command shows current setting and test command displays side stacks implemented in the MT/TA.

### Defined values

<n>:

12 3GPP Systems~~GSM digital cellular~~

refer PCCA STD-101 [17] for other values, except for the values 22 WCDMA and 25 GPRS which shall be ignored

### Implementation

Mandatory in PCCA STD-101, but optional for GSM/UMTS.

## CHANGE REQUEST

⌘ **27.007 CR 087** ⌘ 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

<b>Title:</b>	⌘ Clarification in the behaviour of AT+W46		
<b>Source:</b>	⌘ T2		
<b>Work item code:</b>	⌘ TI-ATC	<b>Date:</b>	⌘ 19/11/2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel-4
	<i>Use one of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ GSM Association asked for clarification in the behaviour of AT+W46 command (T2-020637) at T2#18. This command is defined in the 27.007 with a reference to the PCCA (Portable Computer and Communications Association) specification STD 101 The GSM A concern was also discussed in GERAN (GERAN#11) and RAN (RAN2#31) groups with the conclusions included in GP-022743 and R2-022221. T (T#17) analysed the problem and suggested some changes to PCCA, included in TP-020255. After PCCA meeting 4 <sup>th</sup> November, they accepted some T suggestions, and a LS will be send to 3GPP (not arrived by the time this CR is written). PCCA suggests to change the meaning of parameter <n> value 12 as T suggested and ignore 22 and 25 values. This CR incorporate the changes suggested by T and PCCA, in the AT commands specification.
<b>Summary of change:</b>	⌘ Clarification in the <n> parameter value 12 in AT+W46, instead of being applicable for "GSM digital celular" shall be applicable for all "3GPP systems" The values 22 WCDMA and 25 GPRS are not used
<b>Consequences if not approved:</b>	⌘ The confusion and clarification raised by GSM A will not be solved and can be raised again.

<b>Clauses affected:</b>	⌘ 5.9								
<b>Other specs affected:</b>	<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="width: 20px; text-align: center;"> </td> <td style="width: 20px; text-align: center;"> </td> </tr> <tr> <td style="width: 20px; text-align: center;"> </td> <td style="width: 20px; text-align: center;"> </td> </tr> </table>	Y	N					Other core specifications	⌘
Y	N								
		Test specifications							
		O&M Specifications							

**Other comments:** ☹

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## 5.9 PCCA STD-101 [17] select wireless network +WS46

PCCA STD-101 [17] includes a command to select the cellular network (Wireless Data Service; WDS) to operate with the MT/TA. PCCA calls this as WDS-Side Stack Selection. This command may be used when MT/TA is asked to indicate the networks in which it can operate.

**Table 1: +WS46 parameter command syntax**

Command	Possible response(s)
+WS46=[ <n> ]	
+WS46?	<n>
+WS46=?	(list of supported <n>s)

### Description

Set command selects to WDS side stack <n> to be used by the MT/TA. Read command shows current setting and test command displays side stacks implemented in the MT/TA.

### Defined values

<n>:

12 3GPP Systems~~GSM digital cellular~~

refer PCCA STD-101 [17] for other values, except for the values 22 WCDMA and 25 GPRS which shall be ignored.

### Implementation

Mandatory in PCCA STD-101, but optional for GSM/UMTS.

## CHANGE REQUEST

⌘ **27.007 CR 088** ⌘ 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

<b>Title:</b>	⌘ Clarification in the behaviour of AT+W46		
<b>Source:</b>	⌘ T2		
<b>Work item code:</b>	⌘ TEI5	<b>Date:</b>	⌘ 19/11/2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> 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 <u>one</u> of the following releases: 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)

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<b>Clauses affected:</b>	⌘ 5.9										
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**Other comments:** ☹

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**Table 10: +WS46 parameter command syntax**

Command	Possible response(s)
+WS46=[ <n> ]	
+WS46?	<n>
+WS46=?	(list of supported <n>s)

### Description

Set command selects to WDS side stack <n> to be used by the TA. Read command shows current setting and test command displays side stacks implemented in the TA.

### Defined values

<n>:

12 3GPP Systems~~GSM digital cellular~~

refer PCCA STD-101 [17] for other values, except for the values 22 WCDMA and 25 GPRS which shall be ignored.

### Implementation

Mandatory in PCCA STD-101, but optional for GSM/UMTS.

## CHANGE REQUEST

⌘ **27.007 CR 089** ⌘ rev **-** ⌘ Current version: **6.0.0** ⌘

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

<b>Title:</b>	⌘ Clarification in the behaviour of AT+W46		
<b>Source:</b>	⌘ T2		
<b>Work item code:</b>	⌘ TEI6	<b>Date:</b>	⌘ 19/11/2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel-6
	Use <u>one</u> 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 <u>one</u> of the following releases: 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)

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Y	N						

**Other comments:** ☹

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12 ~~GSM digital cellular~~ 3GPP Systems

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