Title:	**Use of SET under AT+WS46 command for GSM/GPRS/WCDMA**

Source:	3GPP TSG T
To:	Portable Computer and Communications Association (PCCA)
Cc:	GSMA TWG

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Attachments: None

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1. Overall Description:

3GPP TSG-T develops AT commands for GSM, GPRS and WCDMA systems in the specification 3GPP TS 27.007 which is the successor of GSM 07.07.

In this specification we refer to the value 12 for AT+WS46 and reference the PCCA document STD-101.

During our meeting we have been advised that the PCCA is in the process of adding the values 22 and 25 for GPRS and WCDMA respectively to the formally approved (balloted) version of the document STD-101.

A number of working groups in 3GPP have considered the ramifications of the additional values and we would like to raise the following points:

1. Concerning the READ capability to know whether the TA/MT supports 3GPP systems in "circuit mode" or "packet mode", we believe that this could be useful and have no issue with this.

2. Concerning the SET capability to set the TA/MT in "GSM only" or "GPRS only" or "WCDMA only" modes, we have serious concerns that this would affect the ability of our networks to manage mobiles, for example by directing them to use GSM or WCDMA as appropriate. There is no need for an AT+WS46 command to select packet data or circuit switched data as we already have the facility in our ATD command to select GPRS data or circuit switched data.

Considering all the above, and backward compatibility issues, we propose the following:

1. The parameter 12 is renamed to "3GPP Systems" which can be either READ or SET – this would allow the TE to control a multiprotocol handset and select which mode the handset uses (e.g. 3GPP mode or 3GPP2 mode).

2. The value 22 is renamed to "3GPP Systems – circuit switched" and marked as READ ONLY (i.e. the TE cannot SET the parameter).

3. The value 25 is renamed to "3GPP Systems – packet switched" and marked as READ ONLY (i.e. the TE cannot SET the parameter).

2. Actions:

To PCCA

ACTION:

TSG-T invites PCCA to consider the above proposals and advise whether these would be acceptable.

3. Date of Next TSG-T Meeting:

TSG-T#18   New Orleans, USA   4-6 December 2002