

GPRS WHEN ABROAD. (Turkcell/TIM (Greece) Vodaphone and 02 roaming) By Peter Price (8/9/2006) Issue IV

Please note that I know this sounds complicated but when it works it is just great. There will be errors in this note so please help me to get it right with useful comments. Already some feedback has been most helpful. (peterp@byways3.fsnet.co.uk)

It is assumed that you have a phone which will support GPRS and also that it is "Unlocked" so that you can use any supplier and that you have a means of connecting to your laptop such as "Bluetooth". It is much better to get those items sorted before leaving. You must have GPRS enabled on your account if using say Vodafone. It appears to be necessary if a pay as you go account as well.

1. General.

- a. With my Nokia phone there is a website which helps you to set up the phone.
<http://www.nokia.com/nokia/0,,71993,00.html> but if you follow below it works.

My requirement when abroad is to be able to use GPRS either with my Vodafone account back in the UK via roaming OR with my Turkcell account in Turkey. The cheapest way when in Turkey is to purchase a Turkcell simcard with pay as you go cards. Any Turkcell shop will set you up OK and that part is relatively easy. The cost is then only about 50p per megabyte. A typical e-mail session only costing a few pence.

- b. It is worth making sure your phone is set to ENGLISH Menu-Settings-phone settings-language –select English
- c. Make sure you can do capitals. On my Nokia that means toggle the bottom right button and watch the top left corner of the phone.
- d. At the end make use that the cost is really reduced or you are not quite there! **Should only be about a max of 3 units per e-mail session. There should be a small "G" at the top left of the phone when connected.**
- e. **Make sure that you know how to disconnect when you have finished your session or Norton or Windows will probably try to dump unwanted material on your pc.**

2. To set up your phone for GPRS Turkcell in Turkey.

On your GSM Phone:

- a. Make sure that your phone will talk to your computer either by cable, Infra Red or preferably Bluetooth. Much better to get over this before leaving home.
- b. Purchase a Turkcell pay as you go chip. If a reasonable shop they will set you up for GPRS there and then. Make sure the phone is unlocked!! If all they will do is supply the chip and make sure that you can access the phone with their pin number(which you can change later), then:
- c. Dial 009021244405351 As soon as they answer hit 77, ignore requests to push 1,2 or 3 and wait. You will be put through to an English speaking operator. ASK him to activate GPRS. This has to be done sometime. He will ask for your phone type to check if it will work with GPRS, and then send you a message. SAVE it and then click yes if you want to activate. All the settings will have been put in your phone after you have switched it off and on again. Ask him if the phone is now all set. Also ask him how to set up your modem and he should go through the following procedure but it takes time. If not then read on.
- d. Switch phone off and on again. IF it asks for a pin number dial 1234 and then change to your own pin number but it is unlikely to do that as you will have set up for Turkcell.
- e. Just to make sure your phone is set up correctly if the Turkcell chap has not taken you through the procedure on the phone proceed as follows: Menu-Settings-select-Menu-GPRS Modem Settings-select-active access point-Select-Access 3 –Activate-Menu- Edit active access point-select-alias for access point-rename-"TURKCELL" (in capitals)-OK-menu-

GPRS access point-edit-"internet"(small letters)-OK-Back to Exit. The objective is to activate TURKCELL as your GPRS supplier and to make sure that the phone is set to internet NOT WAP. Hence the two settings. Check that the phone is set for GPRS by going Menu-Services-Settings and for Turkcell it should say TCELLWAP-GPRS. (not sure why it says WAP but it works) For Vodafone it will say Vodafone GPRS(no hyphen)

f. I assume that you should by now have got Bluetooth or IR to connect your pc to your phone.

3. **Set up your Turkcell account as follows:-**

a. On your PC - Start-connect to-new connection and follow instructions with following input: Most of what is below is default in any case.

*Name Web

*Password leave blank

*Phone Number *99#

*Remove tick box next to *"Wait for dial tone before dialling"

Baud Rate 115200

Stop bits 2

*Data bits = 8; Parity = none; Flow Control = Hardware

Country and area codes blank

*Put a shortcut on your desktop and call it Turkcell.

b. To set up your icon on the desktop. START-Connect to-Show all connections-highlight your new connection-right click and select shortcut and it should say it will put one on your desktop.

4. **Set up your Modem as follows:**

First make sure that you have your phone set up as a modem. If not then - Start-Control Panel-Select phone/ Modems-select Modems, and find either the GSM phone if a direct cable link or IR or Bluetooth whichever method you are using. Then Properties-advanced-enter under extra commands at+cgdcont=1,"ip","internet" OK-OK (Get that exactly as shown.)

5. **Try to connect**

Double click the desktop icon, click "dial" and your phone (which you will have enabled by Menu Bluetooth on etc) will ask if you wish to connect. Press yes and you should then connect to Turkcell GPRS. You should have a small "G" in the top left corner of the phone. The icon at the bottom right of your computer should blink and the easiest way to disconnect is to Rt click that icon.

If your phone has the TURKCELL chip installed then your card (pay as you go) gets debited at a cost typically of 50p for 1mb of data so very cheap. Without GPRS the same data would take some 45 minutes and cost about £15. Typically it costs 3units for an e-mail session The cost is related to the amount of data passed not how long you are connected. To see how much you have left on your pay as you go card enter *123# and dial.

6. **VODAFONE Setup. (ie if one is in Turkey or Greece and want to connect via Vodaphone in the UK)**

To follow though it is very similar. However, I have two phones. If not then one would select access point 4 and call that VODAFONE in capitals.

a. I phoned up Vodaphone and whilst it cost a bomb I am now working. The cost is about 22p per minute from Turkey not sure of costing structure but believe it is 75p for roaming and then £3 per Mb. Instructions go as follows. First set up your Modem if not done so already. Start-Control Panel-Select Modems-Properties-advanced-enter at+cgdcont=1,"ip","internet" OK-OK.

b. Open new connection call it vodafone GPRS Name is web, password is web (or I think you can leave it blank), dial number is *99#

Whichever way you proceed you will access the web and can then use your ISP in the normal manner. Even Compuserve works as it does at home. **Check that the costs are only as in intro.**

- c. If connecting GPRS via Vodafone/orange then they can become one's "ISP". You then connect to your normal ISP POP3 server to collect mail but you MUST use Vodafone smtp (if using Vodafone to SEND mail- this means that in outlook express under Tools – accounts – servers the SMTP must be changed to: smtp.vizzavi.co.uk or mail.vodafone.net.) I do not yet know the equivalent for Turkcell. However you do not need to do this as your normal ISP should work.
7. **Set up your O2 account as follows (ie if one is in Turkey or Greece and want to connect via O2 in the UK):-.**
 - a. On your PC - Start-connect to-new connection and follow instructions with following input:
Most of what is below is default in any case.
 - *Name master
 - *Password is password
 - *Phone Number *99***1#
 - *Remove tick box next to *"Wait for dial tone before dialling"
 - Baud Rate 115200
 - Stop bits 2
 - *Data bits = 8; Parity = none; Flow Control = Hardware
 - Country and area codes blank
 - *Put a shortcut on your desktop and call it O2 Dialup.
 - b. Set up your O2 account as follows: First make sure that you have your phone set up as a modem. If not then - Start-Control Panel-Select phone/ Modems-select Modems, and find either the GSM phone if a direct cable link or IR or Bluetooth whichever method you are using. Then Properties-advanced-enter under extra commands
at+cgdcont=1,"ip","mobile.o2.co.uk" OK-OK (Get that exactly as shown.)
 - c. Good luck!!!!;
8. **SETUP your phone in GREECE. This is second hand info but looks right.**
 - a. Make sure that your phone will talk to your computer either by cable, Infra Red or preferably Bluetooth. Much better to get over this before leaving home.
 - b. Purchase a TIM pay as you go chip. If a reasonable shop they will set you up for GPRS there and then. Make sure the phone is unlocked!! If all they will do is supply the chip and make sure that you can access the phone with their pin number(which you can change later), then:
 - c. Dial 1231 on your phone. As soon as they answer hit 8, ignore requests to push 1,2 or 3 and wait. You will be put through to an English speaking operator. ASK him to activate GPRS. This has to be done sometime. He will ask for your phone type to check if it will work with GPRS, and then send you a message. SAVE it and then click yes if you want to activate. All the settings will have been put in your phone after you have switched it off and on again. Ask him if the phone is now all set. Also ask him how to set up your modem and he should go through the following procedure but it takes time. If not then read on.
 - d. Switch phone off and on again. IF it asks for a pin number dial 1234 and then change to your own pin number but it is unlikely to do that as you will have set up for TIM.
 - e. Just to make sure your phone is set up correctly if the TIM chap has not taken you through the procedure on the phone proceed as follows: Menu-Settings-select-Menu-GPRS Modem Settings-select-active access point-Select-Access 3 –Activate-Menu- Edit active access point-select-alias for access point-rename-“TIM” (in capitals)-OK-menu-GPRS access point-edit-“internet”(small letters)-OK-Back to Exit. The objective is to activate TIM as your GPRS supplier and to make sure that the phone is set to internet NOT WAP. Hence the two settings.
 - f. To set up your modem: Start-Control Panel-Select phone/ Modems-select Modems, and find either the GSM phone if a direct cable link or IR or Bluetooth whichever method you are using. Then Properties-advanced-enter under extra commands at+????????? I do not know the string Please advise.” OK-OK (Get that exactly as shown.)

g. Good luck!!!!;

Additional information

GPRS in the following countries when using Vodafone via UK:

Turkey - You can use the phone to dial on a number of networks, but the only one that you can use roaming GPRS is Turkcell

Greece. Vodafone GR or Panafon Hellenic.

Cyprus - You can use the phone to dial on a number of networks, but there is no GPRS roaming coverage

Syria - You can use the phone to dial on a number of networks, but there is no GPRS roaming coverage

Israel - You can use the phone to dial on a number of networks, but the only ones that you can use roaming GPRS is 'Partnership Orange' and Cellcom

Egypt - You can use the phone to dial on a number of networks, but the only one that you can use roaming GPRS is Vodafone Egypt