Umndeni Circon

Radio Link V410

Operation Manual

I N D E X

C€ 0168

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Radio Link V410 Testing or Updating:

1. Viewing the Radio Link V410.

Open the Radio Link V410 testing program and click the '*View*' button.

The '*View*' window will open so that you can able to see the status of the Radio Link V410 you are testing or updating.

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There are things that you have to observe in the view window that will show whether your Radio Link V410 is healthy or not.

- **Communication Icon.**
  This icon shows whether there is healthy communication between you Radio Link V410 and your computer.

  If there is a green icon with a tick mark , the communication is healthy.

  If the is a red icon with an X mark , the communication has failed. Check if the Radio Link V410 has power, and that the Radio Link V410 is connected to the computer. If there is power and the communication cable is in place, and the red icon is still there; close the '*View*' window and open it again.

- **The Clock.**
  Check and see if the clock is counting. The program updates the clock on 5sec intervals. If the time of the clock is out, you can update it as following:
  Click the '*Select Command*' button. Select and click '*Synchronize Real Time Clock*' and the clock will be synchronize to your computer's time.

- **Inputs.**
  If you have a switch to test the inputs, you can toggle your input switches to see if they appear next to the input text, under the clock.

- **Device Information.**

  Device.
  Check your '*Firmware*' version.

  Modem.
  Check that all the information is there from the Radio Link V410, especially the '*Sim*' number. If the is some information missing, wait for it; as it my happen that you don't get all the modem information at the same time.

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Network.

Check for the '*Operator*' and '*Signal Level*' information. If these are not available, please wait for them until received.

The '*Operator*' is your service provider MTN, VodaCom…etc.

 The '*Signal Level*' shows the signal strength of the module. You can also see the signal strength on the signal-barometer, which is above the '*Close*' button on the far right of the '*View*' window. The smaller the number behind the minus(-), the stronger the signal. An acceptable signal strength is along the green part of the signal-barometer. If the signal is less than the green portion of the signal-barometer, check if the antenna is correctly connected. The signal strength may also depend on the geographical location of the Radio Link V410 in the unit.

The '*Base Station*' and the '*Serving area*' are not critical to have. They are there for information purposes; to find out what is the closest network tower that the Radio Link V410 is using to send sms's. This information is dependant on your service provider to transmit.

When you have checked all this information, you can close this window by clicking the '*Close*' button on the bottom right-hand corner of the '*View*' window.

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2. Adding or Changing Terminals.

Terminals are the Radio Link V410s on the database. To view the Terminals, click the 'Terminals' button.
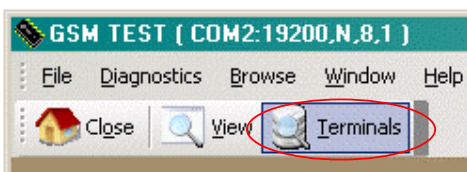
The 'Terminals' window will open.
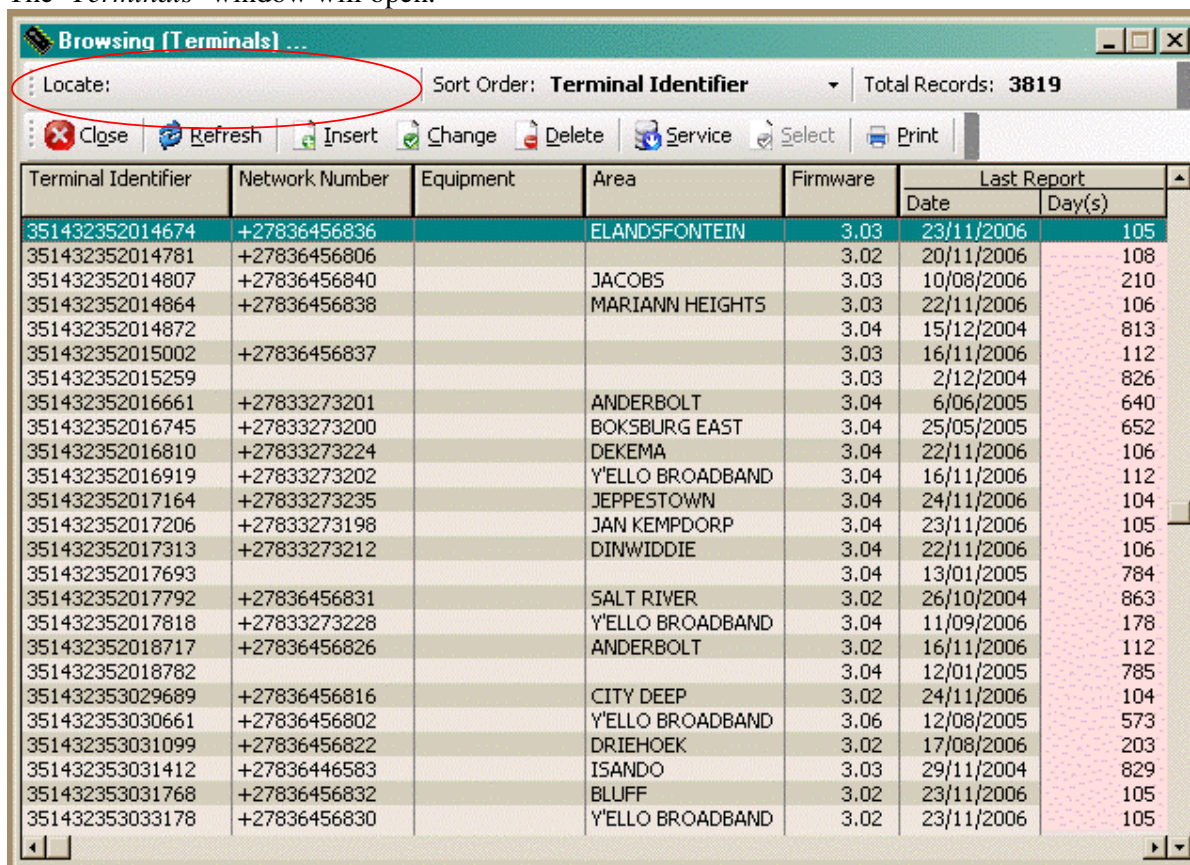
This window contains the information of the Radio Link V410s that are already in the database.
To see if you Radio Link V410 is in the database; just type the IMEI number which is on the modem and it will appear next to 'Locate:' above the 'Close' button as you type. The database will try to match it with the Radio Link V410s that are in the database.

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If the Radio Link V410 is not found in the database, you will have to insert is in the database.

- **Inserting a New Radio Link V410**

Click the '*Insert*' button.

A window will open.

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⟹ Click the '**Read**' button to information from the Radio Link V410.
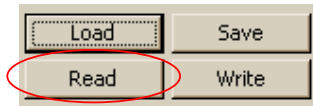
A warning box appears. Click '*Yes*'.
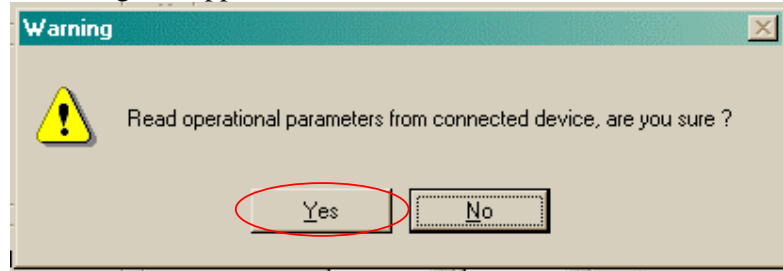
A question box appears. Click '*Yes*'.
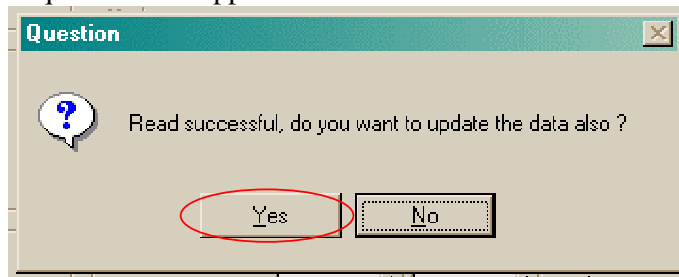
The information from the Radio Link V410 will be displayed.
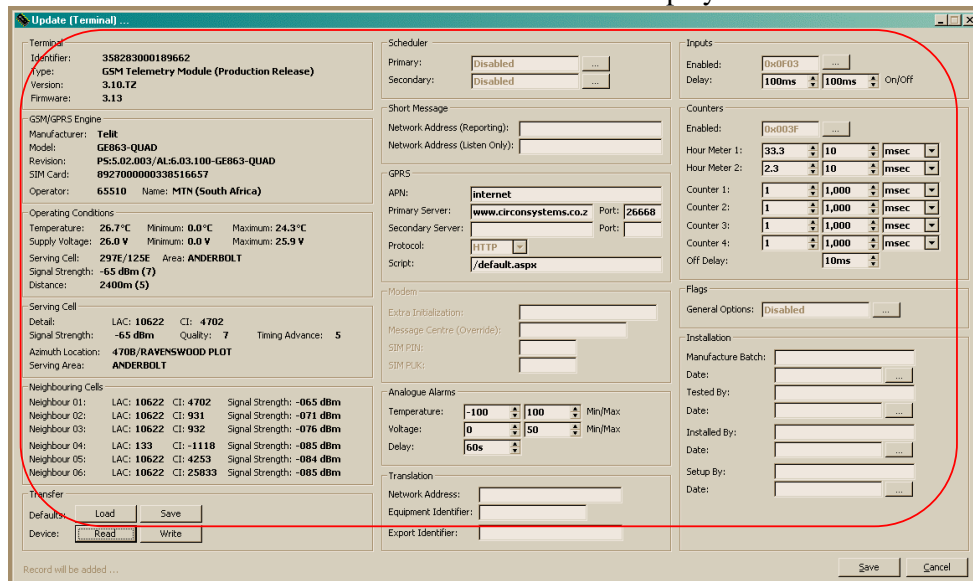
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⟹ Click the '*Load*' button. This loads the pre-set configuration values / information.

Load	Save
Read	Write

A warning box appears. Click '*Yes*', and the defaults will be loaded.

Warning

⚠ Load defaults for all parameters, are you sure ?

[Yes]   [No]

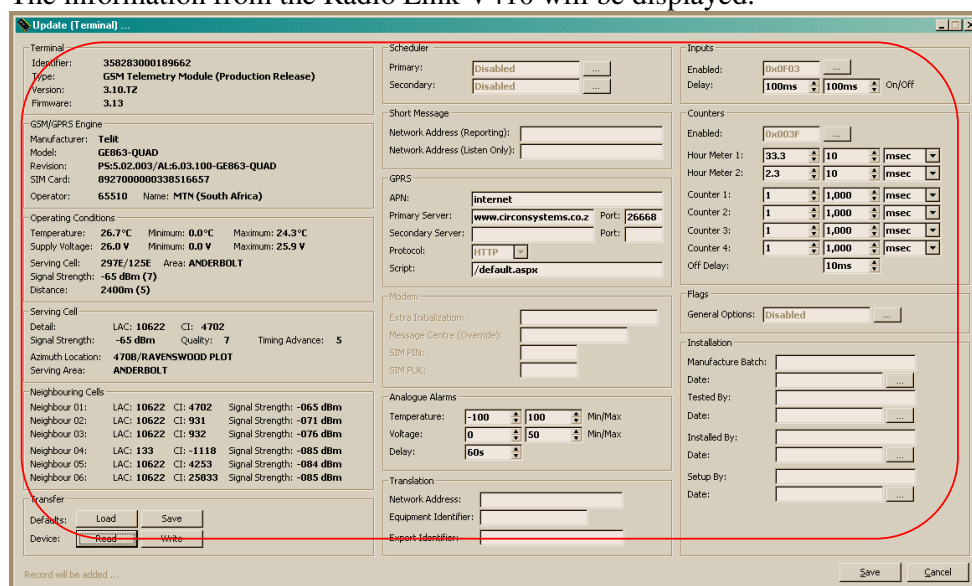⟹ Click the '*Write*' button. This allows you to send what you have on the screen to the Radio Link V410.

Load	Save
Read	Write

A warning box appears. Click '*Yes*'.

Warning

⚠ Write operational parameters to connected device, are you sure ?

[Yes]   [No]

A question box appears. Click '*Yes*'.

Question

? Write parameters successful, do you want to update the RTC also ?

[Yes]   [No]

IBm

An information box appears. Click '*Ok*'.

⇒ To save the information, click the '*Save*' button **next to the** '*Cancel*' button on the bottom right-hand corner of the window.

After that '*Save*' button is clicked, you will see the '*Terminal*' number in the list.
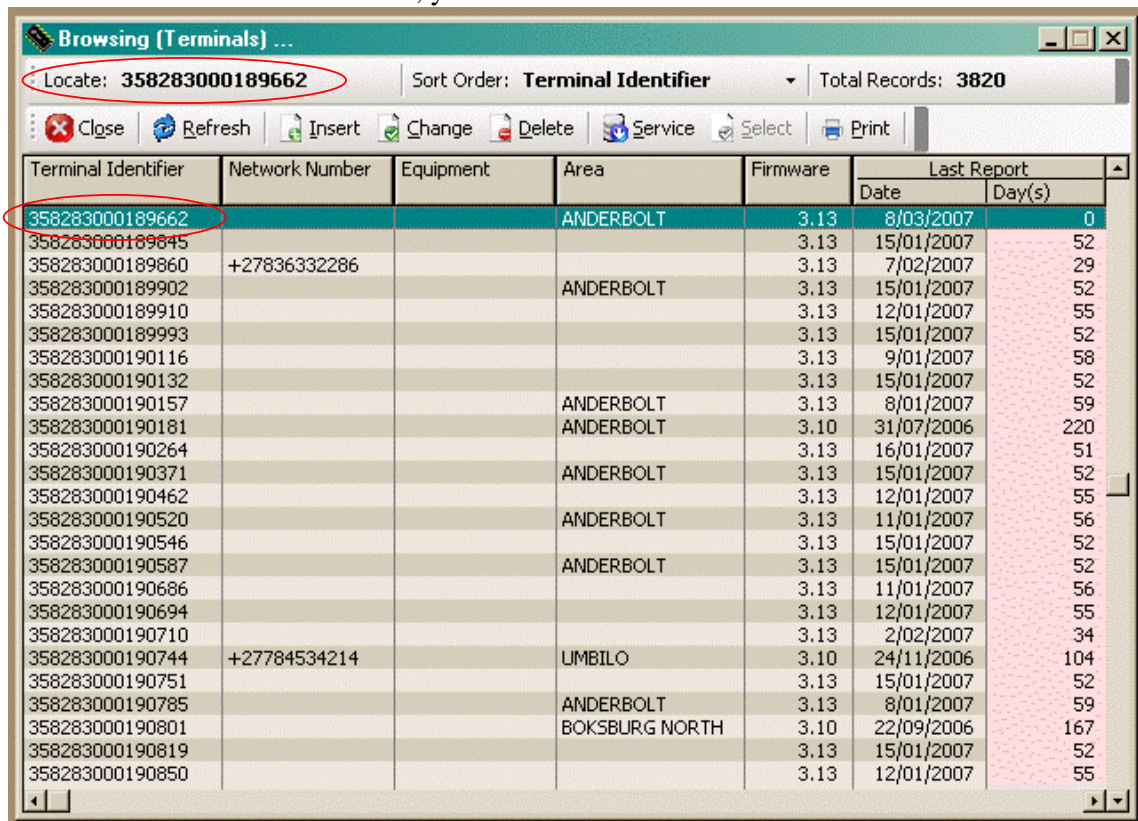
- **Changing an Existing Radio Link V410**

  If you want change a Radio Link V410 that is in the database already;

Click the '*Change*' button.

A window will open.

⟹ Click the '*Read*' button to information from the Radio Link V410.
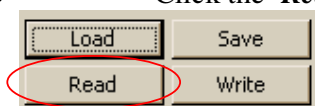
A warning box appears. Click '*Yes*'.
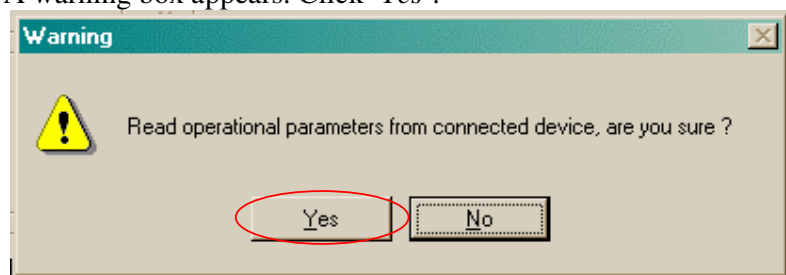
A question box appears. Click '*Yes*'.
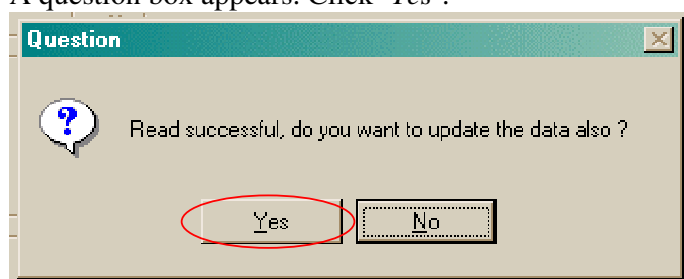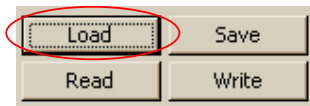

The information from the Radio Link V410 will be displayed.

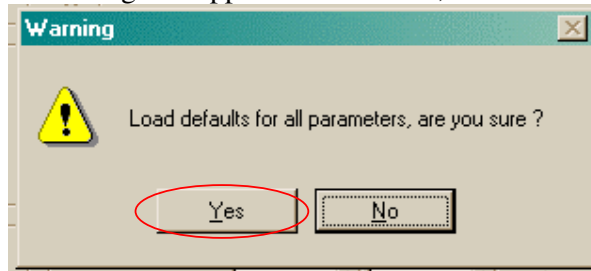

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⟹ Click the '*Load*' button. This loads the pre-set configuration values / information.
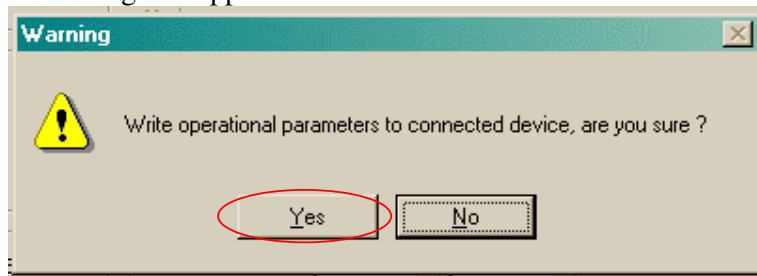
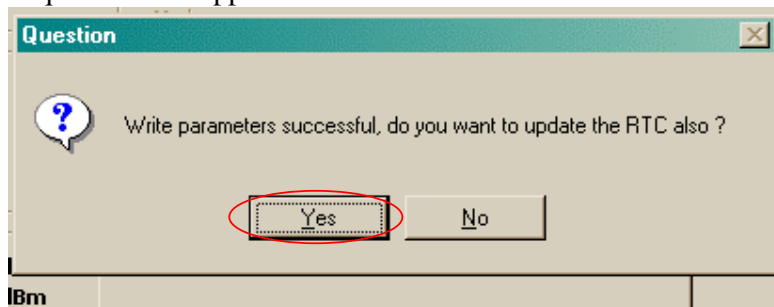A warning box appears. Click '*Yes*', and the defaults will be loaded.

⟹ Click the '*Write*' button. This allows you to send what you have on the screen to the Radio Link V410.
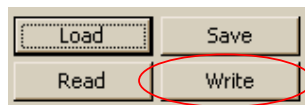
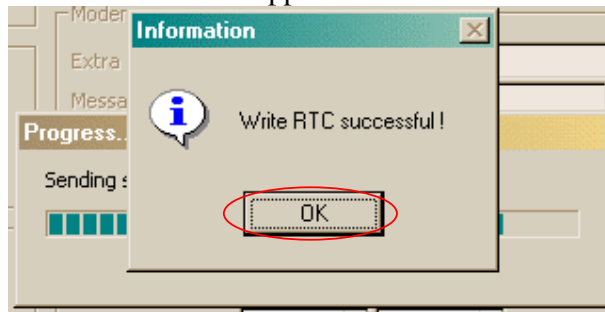A warning box appears. Click '*Yes*'.

A question box appears. Click '*Yes*'.

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An information box appears. Click '*Ok*'.

⟹ To save the information, click the '*Save*' button **next to the** '*Cancel*' button on the bottom right-hand corner of the window.

After that '*Save*' button is clicked, you will see the Radio Link V410 number in the list.

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3. Printing Radio Link V410 Test Report.

To print a test report, click the '*Print*' button.
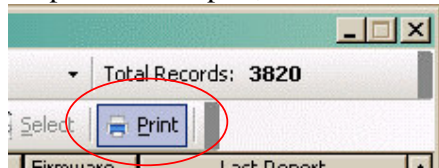
A '*Print*' window will appear. Click the 'Printer' icon to print to your default printer.
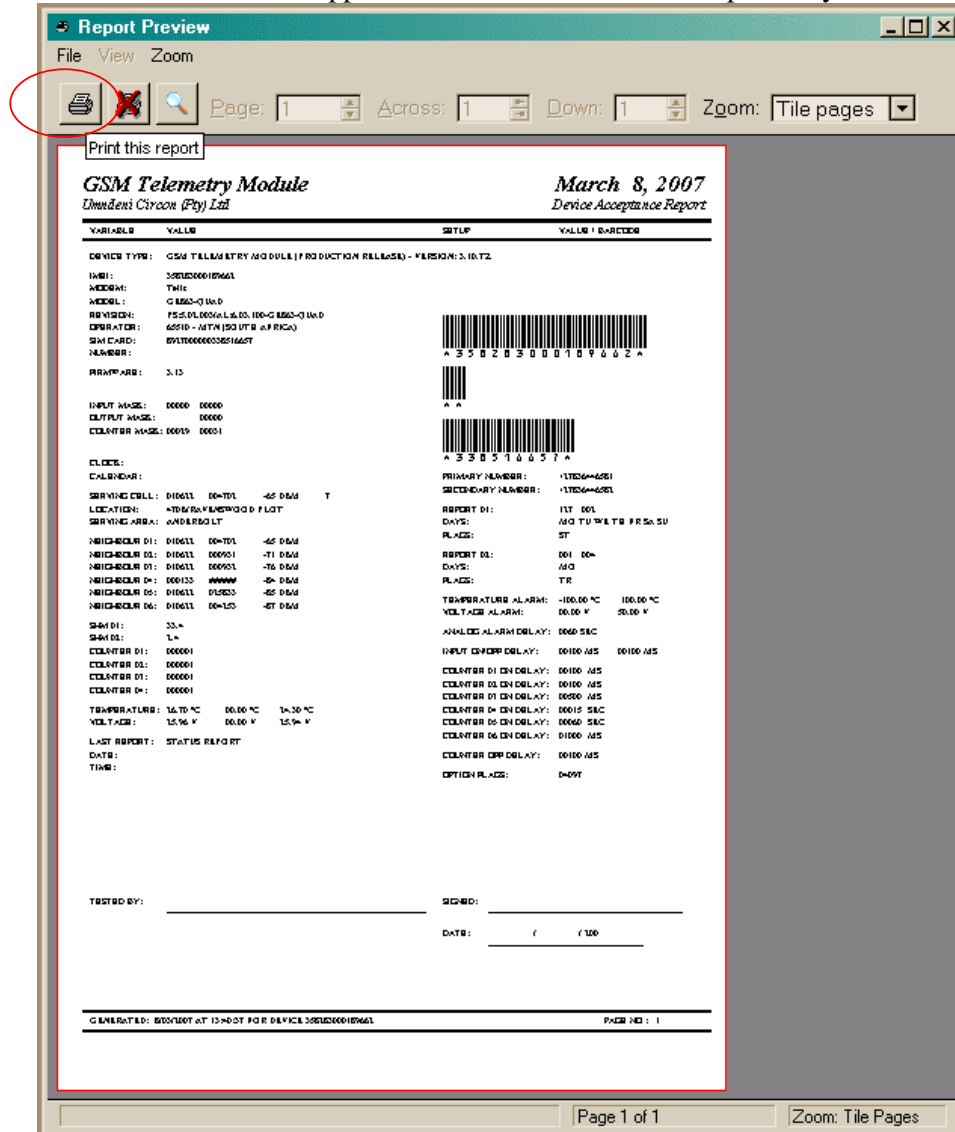
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Once you click the 'Printer' icon, you will return to the '*Terminals*' window.

Click '*Close*' to exit this window.
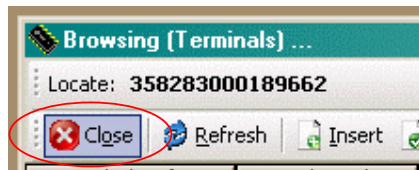
To close the whole program, click '*Close*' on the main window and the program will close.
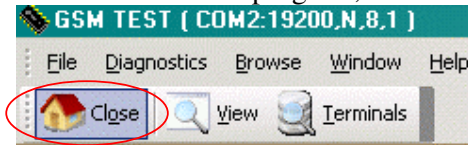
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4. <u>General Information & Disclaimers.</u>

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NB! Any changes or modifications made to this device that are not expressly approved by Umndeni Circon (Pty) Ltd. may void the user's authority to operate the equipment. Furthermore, this company reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of this company to notify any person of such revision or change.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by 1 or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio or television technician for help.

This product emits radio frequency energy, but the radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact with the antenna during normal operation is minimized. The system antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all the persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
Nevertheless, the device should be used in such a manner that the potential for human contact with the antenna during normal operation is minimized.

Umndeni Circon(Pty)Ltd. declares that the equipment conforms to the R&TTE Directives.

5. Contact Information.

Manufacturer data:

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THE END

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