

CONFIGURATION INMARSAT-B NERA SATURN.

This information can assist you in connecting your laptop or PC to an Inmarsat-B terminal and describes how to configure the terminal for use with Xantic (Station 12) services.

< You will find general information that will enable you to use Xantic data services. For more detailed information of the specific terminal, please consult the user manual of your Inmarsat terminal.

In order to use the Saturn B to access the Internet, it must be correctly connected and configured for data use.

The steps to be taken are:

1. Connect the terminal to the PC using a serial cable.
2. Configure the terminal for data use.
3. Select the correct LES (Station 12) for Internet Access.

1. Connect the terminal to the PC using a serial cable.

Connect a serial cable between the communication port on the PC and the 25-pin "Data Interface" port on the rear of the unit.

Newer PC's communication ports are 9-pin ports (older PC's may have 25-pin ports), similar to the "DTE" port on the Saturn B unit. The ports on the PC should be labeled as 'COM' or 'Serial' ports. If you are unsure which port to use, use the first available port (1 or A). Make a note which port you have used. You will need this information when configuring the PC software.

The serial cable used must support 'full handshaking'. Some serial cables consist of three wires between the connectors at each end. Ensure that you obtain one that uses all nine wires. Your local supplier should be able to help if you are in doubt.

The Saturn B requires a cable with a male 25-pin connector at one end, and a female connector at the other end. The female connector will be either 9-pin or 25-pin depending on the size of the port on the rear of the PC. Refer to your PC documentation for more information about serial ports.

2. Configure the terminal for data use.

The Saturn B must be correctly set-up in order to send and receive data over a low-speed channel (ASD) or a high-speed channel (HSD).

Note:

A 64kb/s High speed Data Connection is also possible. The settings mentioned here are for an asynchronous 9.6kb/s data connection.

Setting User Level:

1. Press the <FUNC> key, followed by the <1>, <2> and <ENTER> keys.
2. If the level shown is "OWNER", skip to step 5.
3. Otherwise, press the <ENTER> key, followed by <4> then <ENTER>.
4. Type in password if requested (default: 123456), followed by the <ENTER> key.
5. Press the <ESC> key three times to exit menus.

Activate low speed data

1. Select the "ENHANCED SETUP" function by pressing the <FUNC> key, followed by <8>, <9> and <ENTER>.

2. Use the up and down arrow keys to select the **“ASYNCH DATA”** option.
3. If the status is set to **“PASSIVE”** continue to step 4. Otherwise, press the **<ESC>** key three times and move to sub-heading: **‘Configure ports’**.
4. Activate the ASD option by pressing the **<ENTER>** key, followed by **<1>**, followed by **<ENTER>**.
5. The screen will now display **“SETUP OPE”**, which will enable you to set the level at which this function may be used. To set to owner level, press **<4>** followed by **<ENTER>**.
6. Press the **<ESC>** key three times to exit the menu.

Configure Ports

1. Select the **“CONFIGURE PORTS”** function by pressing the **<FUNC>** key, followed by **<7>**, **<0>** and **<ENTER>**.
2. Use the up and down arrow keys to select the **“DTE”** option.
3. If the screen shows **“DTE ASD”**, press the **<ESC>** key three times and move to **‘Configure routing’**.
4. Set the DTE port to use Async data by pressing the **<ENTER>** key followed by **<7>**, then **<ENTER>**.
5. If the screen shows **“DTE ASD”**, press the **<ESC>** key three times and move to **‘Configure routing’**.
6. Press the **<ESC>** key three times to exit the menu.
7. Select the **“INCOMING CALL ROUTE”** function by pressing the **<FUNC>** key, followed by **<7>**, **<1>** and **<ENTER>**.
8. Use the up and down arrow keys until the screen shows **“HS DATA”**.
9. Deactivate high-speed data by pressing; **<ENTER>**, **<1>**, **<ENTER>**, **<ENTER>**.
10. Press the **<ESC>** key three times to exit the menu, and then repeat steps 1-5 of this section.

Configure routing

1. Select the **“INCOMING CALL ROUTE”** function by pressing the **<FUNC>** key, followed by **<7>**, **<1>** and **<ENTER>**.
2. Use the up and down arrow keys until the screen shows **“DTE”** at the top. If it never shows this, then scroll down to the last item on the list, which is indicated by the word **“END”** at the bottom of the screen.
3. Activate routing by pressing the **<ENTER>** key, followed by **<7>**, **<ENTER>**.
4. Press the **<ESC>** key three times to exit the menu.

Configure Async Data

1. Select the **“ASYNCH DATA CONFIG”** function by pressing the **<FUNC>** key, followed by **<8>**, **<6>** and **<ENTER>**.
2. The current baud rate will be displayed. Press the **<ENTER>** key, and the current access mode will be displayed. If it is set to **“3”**, press the **<ENTER>** key, otherwise, press: **<3>**, **<ENTER>**.
3. If the bit rate is already set to **“5”**, press the **<ENTER>** key. Otherwise, press the **<5>** key, followed by the **<ENTER>** key.
4. Press the **<ESC>** key four times to exit the menus.

3. Select the correct LES (Station 12) for Internet Access.

Establishing a data connection to the Xantic (Station 12) WebLink service requires that the terminal is set-up to connect via Xantic (Station 12).

The LES that the terminal will use is shown on the main phone screen, immediately after switching on. If the LES shown here is not Station 12 (Borum LES), change it by following the steps below.

1. Press the **<LES>** key. Then press the **<ENTER>** key and enter the Station ID 12. Press **<ENTER>** again.
2. Press the **<ESC>** to exit the menu.

