

## 9. REMOTE CONFIGURATION

You can activate the Remote Access Control either from front panel without password exchange or by AT commands with password exchange.

### **ATTENTION**

*The Remote Access Control can be used in synchronous or asynchronous mode.*

#### **Definitions:**

<b>Modem A</b>	Master modem (Remote Configuration requested by the local modem)
<b>Modem B</b>	Slave Modem (controlled by local modem)
<b>TPG</b>	Request of Remote Configuration (sent by modem A)
<b>PRG</b>	Request of Remote Configuration received.

#### **There are two operative modes:**

<b>Down-load</b>	You can select a user local configuration (modem A) to down-load it into the remote modem B. Use front panel to select the down-load and press ENTER. The display prompts S65 and S66 registers with their configurations. The configurations indicated in these registers are the ones transferred in down-load. For default S65=9 (configuration #9) and S66=255 (disabled, no configuration is associated)
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#### **Remote Access**

<b>Control</b>	Determines the TPG procedure available from asynchronous DTE. You can use Main Port or Command Port. When the Remote Configuration is On you can see for example, the current configuration on the remote modem, entering AT*C. You can use all the commands indicated in the entry <b>Condition</b> with "prog". Every change on the remote modem B will be accepted only after having received the AT&W command. A loss of carrier before receiving AT&W doesn't change the configuration in modem B.
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It is possible to activate the down load procedure using AT#T7 command, sending it after the escape sequence. It is necessary to set before S65 and S66 registers.

**ATTENTION**

*During Down-load or Remote Access Control, the Error Control Protocol is always automatically activated (LAPM).*

If the value of S44 is 1 to 19, the value is used as a pointer to the corresponding autologon sequence stored in the telephone/autologon directory of the SNM31. This sequence is automatically executed by the modem. Upon successful completion of the autologon sequence, the remote modem enters remote access control mode.

During Remote configuration a transition from On to OFF of the DTR does not disconnect the modem.

**ATTENTION**

*After a Down-load the modem returns ON-LINE. After a Remote configuration the modem returns in ESCAPE mode.*

It is possible to down load one or more than one configurations during the same remote configuration session. When the user operates through the front panel it is possible to down load maximum 2 user configurations pointed by S65 and S66 registers.

## 9.1. REMOTE CONFIGURATION FROM DTE

- ❶. Enter AT#T4 in modem B (remote modem) and activate a connection.
- ❷. Enter +++ (Escape sequence). Wait for the OK message and enter AT#T6. The local modem will prompt TPG GRANTED followed by the remote prompt TPG OK.
- ❸. From now on all the commands must be entered with AT prefix.
- ❹. To terminate the Remote Access Control enter the Escape sequence (+++) followed by the AT#T0 command.

## 9.2. DOWN-LOAD FROM FRONT PANEL

- ❶. Enter AT#T4 in modem B and activate a connection.
- ❷. Select Down-load and press ENTER .
- ❸. Now the display prompts S65=9 and S66=255. Use the Up Arrow and Down Arrow keys to modify the configurations. Pressing ENTER when S65 and S66 are displayed you will activate the down-load.
- ❹. After the down-load the modem goes back to data mode.

## 9.3. DOWN-LOAD FROM DTE

- ❶. Enter AT#T4 in modem B and activate a connection.
- ❷. Enter +++ (Escape sequence). Wait for the OK message and assign the configuration values to the registers S65 and S66.
- ❸. Enter AT#T6 to activate the down-load.
- ❹. After the down-load the modem goes back to data mode.

This operation can be password and/or call-back protected. This function is enabled by S44 register; the values can be in the range 0 - 19, the default value is 255 which means that the function is disabled. The register value indicates the position in the dial agenda.

### **ATTENTION**

*All changes in the configuration of the remote modem will be activated only if confirmed with &Wn command and only after the disconnection.*