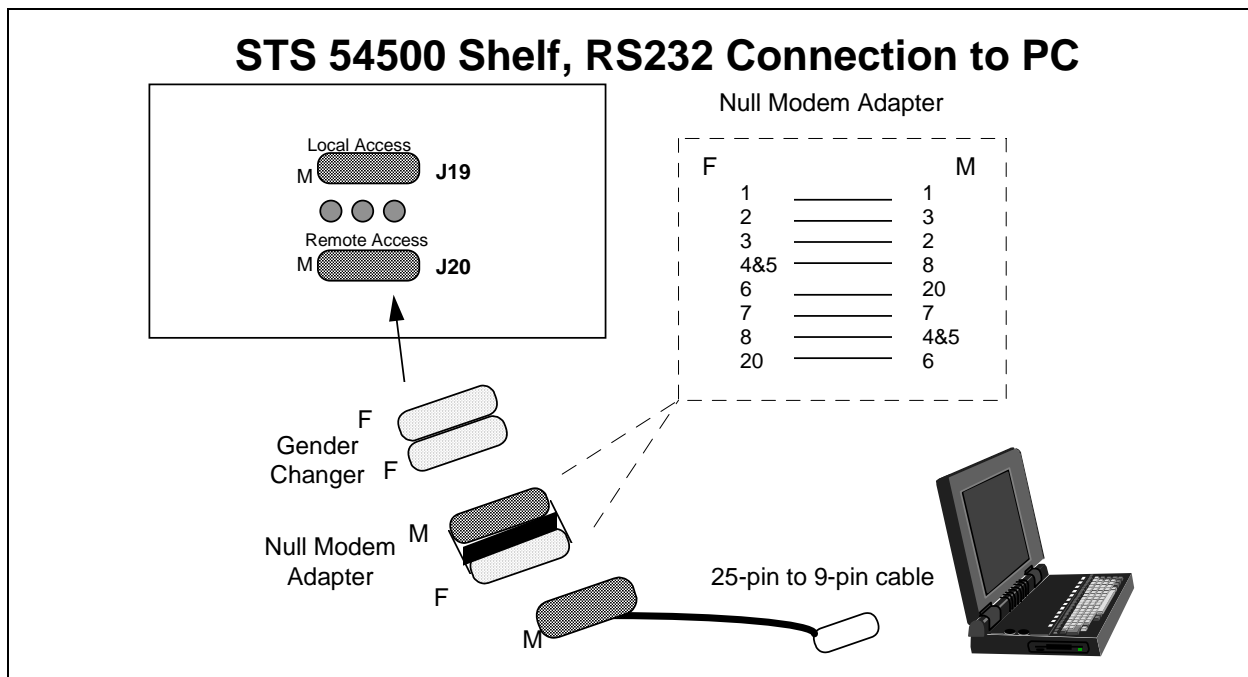


September 10, 1998

APPLICATIONS NOTE

STS 54500 Installation - Model 54550 connection to terminal

On the rear of every 54500 shelf, there are two 25-pin male connectors. J20 is marked Remote Access and J19 is marked Local Access. When the Model 54550 Information Management Card is plugged into its assigned slot, it recognizes these two ports as Port 1 and Port 2, respectively. When the 54550 detects terminal activity on one or the other of these two ports, the appropriate LED indicator on the front of the 54550 card will light or blink. The normal factory defaults configure the 54550 for 9600 baud, N-8-1, which is quite typically used by many terminal devices and modems. The proper cable includes a null modem. Larus offers such a data cable (p/n 041-02007-000), which connects from the timing system to a 9-pin PC port. Other cables are available to connect to a modem or to an ASCII terminal 25-pin connector.



The ASCII terminal device may be a VT-100 type, or it may be a PC running a terminal emulation program such as Procomm or Windows Terminal or Hyperterminal. The program must have the correct serial port configured with the correct parameters (hardware handshaking, 9600 baud, N-8-1, or whatever the 54550 is set for). Once you have the PC physically connected, press the RESET PROC button on the 54550 faceplate. If everything is correct, it will display a 54550 power alarm message and alarm clear message, then Log On. In the case of the 54550-Menu version, the only menu choice displayed will be **0) Log On**. In the case of the 54550-TL1 version, the screen will remain blank without response until the correct TL1 Log On command (**ACT-USER** with user ID and password) is performed by the user.

If you see double characters, then turn off character echo in the program. If you never see any characters, then turn on character echo.