Port Definition Name:	_____
Emulation Type:	Host, Terminal
Port Mode:	DCE, DTE
Duplex:	Full Duplex, Half Duplex
Line Type:	Leased, Dial
Interface:	RS-232C, V.35
Line Speed:	57600, 38400, 28800, 25600, 19200, 14400, 9600, 7200, 4800, 3600, 2400, 1800, 1200
Delivery Confirmation:	Enabled, Disabled
Transmission Mode:	Sync, Async
Mode:	Point-to-Point, Multipoint
Delay:	No Delay, .1 sec, .3 sec, .5 sec, 1.0 sec., 2.0 sec., 3.0 sec.
Host Slow Poll Timeout:	30 sec., 60 sec., 120 sec., 180 sec.

Address	IA	Address	IA

Instructions

This section contains the instructions for the Tandem Setup Worksheet . The default options are in italics.

Emulation Type: *Host*, Terminal

If Host is selected, then the port will poll the attached devices. If Terminal is selected, then the port will expect to be polled by the network.

Port Mode: *DCE*, DTE

The port setting must be the opposite of the attached device. If a DTE interface is required, the special adapter cable is required.

Duplex: *Full Duplex*, Half Duplex

This option specifies whether a delay is required for the modems to turn around the transmit and receives lines. If you are not sure of the type of duplex used by your communications facilities, select HDX .

Line Type: *Leased*, Dial

This option specifies how the connection to the Tandem network handles Carrier Detect (RS-232C, pin 8). If the Option is LEASED, the port expects a leased modem connection (Carrier Detect is constant). If the option is DIAL, the port expects a dial modem connection (Carrier Detect is controlled by the modem). If the port provides clocking (DCE MODE), the port will handle Carrier Detect appropriately. If the port is connected through a Full-Duplex connection, then Constant Carrier Detect is assumed.

Transmission Mode: Sync, *Async*

This option specifies the transmission type used by the port and the attached device/network.

Delay: No, 1, 3, 5, 1, 2, 3 seconds

This setting determines the delay introduced by the Gateway before responding to a poll (terminal mode default is 1) or sending a poll (host mode default is No).

Mode: *Point-to-Point*, Multipoint

This setting determines how the host addresses the terminal. The Multipoint method requires the individual device addresses to be specified.

Line Speed: 115200, 76800, 57600, 38400, 28800, 25600, 19200, 14400, 9600, 7200, 4800, 3600, 2400, 1800, 1200

The selected line speed must match the speed of the attached Poll/Select device/network.

Delivery Confirmation: Enabled, *Disabled*

Throughput is an integrity option that specifies how the port will process blocks received from the network. If the option is Disabled, the port will only accept one block at a time. The port will not accept another block until the first block has been transmitted to the other device (protocol) and the Gateway has received a protocol level acknowledgment for the block.

If the option is Enabled, the Gateway will accept blocks until the buffer becomes filled. Once this occurs will the Gateway stop accepting blocks. As buffer space becomes available, the Gateway will accept further blocks. If this option is not implemented, the port will provide greater integrity and is more consistent with normal operation since the host is informed after each block is received. If this option is implemented, it is possible that data may be lost (for example: a power failure). However, since the Gateway will buffer several blocks, faster throughput may be achieved.

Slow Poll Timeout: *30 sec.*, 60 sec., 120 sec., 180 sec.

This field determines how often to poll a specific terminal that has been moved to the slow poll list due to non-response.

Interface: *RS-232C*, V.35

This field defines the electrical value used by the port. If V.35 is selected, a special adapter cable is required.

Addresses:

Up to 128 addresses can be defined, with any combination of CRTs and Printers. The addresses should only be defined when sync and multipoint are selected. The addresses are from 00 to 63 for CRTs and from 48 to 63 for Printers.