Port Definition Name: _____

The information should match the Frame Relay Subscription Agreement.

Information Frame Speed Limit:	CIR/Bc/Be, Baud Rate
CIR Checking:	Enabled, Disabled
Information Frames Queued:	Yes, No
MCI Frame Relay:	Yes, No
Line Speed:	External, 0 to 2.44 kbps
Clocking Source:	External, Internal
Electric Interface:	RS-232C, V.35
Max Data Length:	300 to 15,356____
T391:	5 to 30_____
N391:	1 to 255 seconds_____
N392:	1 to 10_____
N 393:	1 to 10_____
T 392:	5 to 30_____
Independent Activation:	Yes, No
Forward Committed Info Rate (CIR Fwd):	1 to 512 kbps ____
Forward Committed Burst Size (Bc Fwd):	1 to 512 kbps _____
Forward Excess Burst Size (Be Fwd):	0 to 511 kbits _____
Backward Committed Info Rate (CIR Bwd):	1 to 512 kbps ____
Backward Committed Burst Size (Bc Bwd):	1 to 512 kbps ____
Backward Excess Burst Size (Be Bwd):	0 to 511 kbits _____

DLCI List: 16 to 991 ____

Tx/Rx Ratio: 50/50, 70/30,30/70

In Channel Signal: Yes, No

DLCI Configuration Mode: Set, Auto

Though Put Calculation: Yes, No

DLCI List: Enter the DLCI number, 16 to 991

DLCI	#	DLCI	#	DLCI	#

Instructions

DLCI: Global, Specific

Set to 0x00 for a 'global' configuration or to a specific DLCI.

Station Configuration: CPE, Switch

The station configuration can be either Customer Premises Equipment (CPE) or Access Node (switch).

Information Frame Speed Limit: CIR/Bc/Be, baud rate

The transmission data rates for Information frames will be kept within the limits set by the CIR, Bc and Be parameters. If set, then the transmission speed of Information frames will be restricted only by the physical baud rate and no CIR checking will be performed.

CIR Checking: Enabled, Disabled

If disabled, then CIR checking will not be performed on incoming Information frames. If set, then the throughput of the incoming Information frames will be compared against the defined backwards CIR and account will be kept of all frames exceeding this limit. If the station is configured as an Access Node, then all I-frames received in excess of the CIR will have the DE (Discard Eligibility) bit automatically set before passing to the application.

Information Frames Queued: Enabled, Disabled

If disabled, then Information frames passed to the port with an INFORMATION_WRITE command will not be queued if the Committed Burst Size or Excess Burst Size will be exceeded by the transmission of this frame. If set, then the Information frame will be stored in a transmit buffer (if there is a buffer available), irrespective of the current transmit throughput.

Throughput Calc: Enabled, Disabled

If disabled, then throughput calculations will not be performed. If set, then transmit and receive throughput calculations will be performed for each DLCI and these results may be accessed by using the READ_DLC_STATISTICS command.

Condition Return Codes: Enabled, Disabled

If disabled, then exception condition return codes (0x10, 0x11, 0x12, 0x13 and 0x14) will be passed to the application on an INFORMATION WRITE command. This bit may be set so as to disable the passing of these error codes when performing INFORMATION_WRITE command, thus simplifying error processing in the application code, particularly in interrupt handlers.

MCI Frame Relay: Enabled, Diasabled

This option specifies if the user is connecting to the MCI Frame Relay network.

In-Channel Signaling: Enabled, Disabled

If In-Channel Signaling is used, Information frames may be transferred on all configured DLCIs after communications have been enabled.

Tx/Rx Ratio:50/50, 70/30, 30/70

The transmit/receive buffer ratios as follows: The ratio selected determine the transmit/receive buffer ratio.

DLCI Configuration Mode: Auto, Set

This option is valid only at a station configured as a CPE. If reset, then a list of DLCIs to be handled by this station must be included in this SET_CONFIGURATION command. If set, then automatic DLCI configuration will occur, and the first 100 DLCIs listed by the node will be configured. The application will be notified of theses DLCI additions by means of the return code 0x13.

Baud Rate:

The baud rate of the access line (kbps). This parameter must be set correctly even if external clocking is used, as this baud rate is used in CIR throughput checking. Valid values are from 1 to 2666 kbps.

Clocking Source: External, Internal

If the port will provide sync clocking to the attached device, select Internal. If the attached device (for example: modem) will provide sync clocking to the port, select External.

The setting on this port must be the opposite of the attached device.

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.

Max Data Length:

The maximum data length of the Information frames to be transferred (valid entries from 300 to 15356 bytes).

Link Integrity Verification Timer:

The T391 (Link Integrity Verification) timer. Valid entries are from 5 to 30 seconds and only pertain to a station configured as a CPE.

The T392 (Polling Verification) timer.

Valid entries are from 5 to 30 seconds and only pertain to a station configured as an Access Node.

Full Status Polling Counter:

The N391 (Full Status Polling Cycle) counter. Valid entries are from 1 to 255 and only pertain to a station configured as a CPE.

Error Threshold Counter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

The N392 (Error Threshold) counter. Valid entries are from 1 to 10 events and pertain to both a CPE and Access Node.

ME Counter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

The N393 (Monitored Events) counter. Valid entries are from 1 to 10 events and pertain both a CPE and Access Node.

Forward Committed Information rate (CIR Fwd): 1 to 512 kbps

The Forward Committed Information rate (CIR Fwd). This is the rate (in kbps) at which the network agrees to transfer Information frames generated at this station under normal conditions. Valid values are between 1 and 512 kbps.

Forward Committed Burst Size (Bc Fwd): 1 to 512 kbps

The Forward Committed Burst Size (Bc Fwd) is the maximum amount of data generated at this station (in kbits) that the network agrees to transfer, under normal conditions, during a time interval Tc (the Committed Rate Interval). Valid values are between 1 and 512 kbits. In general, Bc Fwd is set to equal the selected CIR parameter setting, resulting in a Tc of one second (Tc=Bc/CIR).

Forward Excess Burst Size (Be Fwd): 0 to 511 kbits

The Forward Excess Burst Size (Be Fwd) is the maximum amount of uncommitted data generated at this station (in kbits) that the network will attempt to deliver during a time interval Tc. Valid values are between 0 and 511 kbits. The total of Bc plus Be should not exceed 512 kbits.

Backward Committed Information Rate (CIR Bwd): 1 to 512 kbps

The Backward Committed Information rate (CIR Bwd). This is the rate (in kbps) at which the network agrees to transfer Information frames generated at the remote CPE under normal conditions. Valid values are between 1 and 512 kbps.

Backward Committed Burst Size (Bc Bwd): 1 to 512 kbps

The Backward Committed Burst Size (Bc Bwd). This is the maximum amount of data generated at the remote CPE (in kbits) that the network agrees to transfer, under normal conditions, during a time interval Tc. Valid values are between 1 and 512 kbits.

Backward Excess Burst Size (Be bwd): 0 to 511 kbits

The Backward Excess Burst Size (Be bwd). This is the maximum amount of uncommitted data generated at the remote station (in kbits) that the network will attempt to deliver during a time interval Tc. Valid values are between 0 and 511 kbits, but the total of Bc plus Be should not exceed 512 kbits.

DLCI List:

A list of all the DLCIs to be handled by the station. Each DLCI is represented by a 2-byte unsigned value, and a maximum of 100 DLCIs may be listed. Valid assignments for DLCIs are from 16 to 991.

Note that for a CPE station configured for automatic DLCI addition (bit 15 of the miscellaneous frame relay configuration bits set), no DLCIs should be listed here.