PCS Alarms and Events

This appendix lists the PCS alarms and events.

Minor FRP Port x.x Failure—Bad Measured Clock

On DTE ports, the incoming clock speed is measured when the port is initialized. If the measured clock speed is 25 percent higher than the configured speed, the port is considered to be in a failed state. The port must be reconfigured with the proper speed to clear the failed state.

The **dspbob** command can be used to display measured clock speed on the port.

Minor FRP Port x.x Failure—Excessive Interrupts

For both DTE and DCE ports, if an excessive amount of interrupts is received as a result of receiving too many small-sized frames, the port is placed into a failed state. To return the port to an active state and clear the alarm, the excessive interrupts condition must be cleared.

Minor FRP Port x.x Failure—Concentrated Link Failed

When a concentrated link fails, each of its logical ports is also failed. When the link is restored, ports will return to active state.

Info FRP Concentrated Link x.x PCS Diagnostics Tested

The PCS connected to FRM-2 or FRP-2 link x.x has passed the test initiated with the **tstpc** command.

Info FRP Concentrated Link x.x PCS Diagnostics Failed

The PCS connected to FRM-2 or FRP-2 link x.x has failed the test initiated with the **tstpc** command.

Info FRP Concentrated Link Failure

The FRP-2 or FRM-2 has lost communication with the PCS.

Info FRP Concentrated Link Failure Cleared

The FRP-2 or FRM-2 has regained communication with the PCS.

Info FRP Concentrated Link Download Started

The FRP-2 or FRM-2 has started a download to the PCS.

Note   There is no event when download completes (if successful).

Info FRP Concentrated Link Download Failed

The FRP-2 or FRM-2 has failed to complete a download to the PCS.

Info FRP Concentrated Link Reset

The PCS has been reset, either by power being interrupted or a **resetpc** command.