ADTRAN

Q&A

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A: You should choose the timing modes based on the timing sources are available for your T1s. Below are the available timing modes within the T3SU 300 Quad DSX-1 Module.

Note: For each Quad DSX-1 card pair (the near- and far-end Quad DSX-1 cards), there must be only one active source of timing, defined as Primary. A Secondary timing source may be specified in the case that the Primary source is in an alarm state. The Secondary source will be ignored until needed. The available timing sources are explained below.

- **DS3** - The Primary timing for both the near- and far-end Quad DSX-1 cards is derived from the DS3 interface. All DTE devices connected to the DSX-1 interfaces must be slave timed since both cards source the timing reference derived from the DS3. Both the near- and far-end units must be set to DS3.
- **Remote** - The Primary timing source for the Quad DSX-1 card is derived from the far-end Quad DSX-1 card. Use this mode if the far-end card has a DSX-1 Timing Source configuration of DSX-1 #1, DSX-1 #2, DSX-1 #3, DSX-1 #4
- **DSX-1 #x** - (x is 1,2,3, or 4): The Primary timing source for the Quad DSX-1 pair is derived from one of the four DSX-1 interfaces. When configured in this manner, one of the DSX-1 interfaces is slaved to the DSX-1 interface from your DTE. The remaining three DSX-1 interfaces, if enabled, source the timing as derived from the slaved port. The far-end DSX-1 interface must be configured for Remote.

Note: If more than one Quad DSX-1 card is installed, each card can have a different timing source configuration.