October, 1992

DCB SPL144 Reference:

1. The new 9642T modems in the SPL144 are driven by a 68000 series processor. The result is high performance of the V.42 bis error correction, sufficient to warrant the operation of the unit using the V.42 bis mode, rather than non-error corrected, non-compressed synchronous mode.

To take advantage of this modem speed set up the units as follows:

2. For **DIAL-UP** applications, set up the SPL (front panel) and modem switches (bottom of the unit) as follows:

   - Remote end SPL144 - set SPL 6-position network switch
     - Position 1 = UP  = async
     - Position 2 = DOWN = dial-up line (to allow terminal dialing of the modem)
     - Position 3 = UP  = error correction off (the modem will do it.)
     - Position 4 = UP
     - Position 5 = UP  = 38.4 composite speed
     - Position 6 = DOWN

   - Remote end modem: Switch 1 ON, switches 2 thru 10 OFF

   - Host end SPL144 - SPL 6 position network switch
     - Position 1 = UP  = async
     - Position 2 = UP  = If called only by SPL144's -leased line (always in multiplexing mode)
     - Position 3 = UP  = error correction off
     - Position 4 = UP
     - Position 5 = UP  = 38.4 composite speed
     - Position 6 = DOWN

   - Host end modem: Switch 1 ON, switch 6 ON to disable command output from modem to host port, other 8 switches OFF.

   - For dial-up operation, plug the phone line into the RJ connector labeled "Tel Line".
3. For **PRIVATE LINE** applications, set up the SPL144 (front panel) and modem switches (bottom of the unit) as follows:

- SPL 6-position network switch at both ends of the link:
  - Position 1 = UP = async
  - Position 2 = UP = leased line
  - Position 3 = UP = error correction off (the modem will do it.)
  - Position 4 = UP
  - Position 5 = UP = 38.4 composite speed
  - Position 6 = DOWN

- Host modem switches on the bottom of the unit: switches 1, 2, 3, 6 and 8 ON.
- Remote modem: Switches 1, 2, and 8 ON.
- For private line operation, plug the 4-wire private phone line into the RJ connector labeled "Tel Set".

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