DigiBoard Problems

General DigiBoard problems:

Modem connects but gives no data:

May be using 6-wire cable instead of 8-wire cable

Altpin may not be set. Use 'ditty ttyAO11 and look for llaltpin" on the 3rd line. If there is before 11altpin,11 altpin was not set the last time somebody ran Idigicfg., Temporary fix: ditty altpin ttyAO11 Permanent fix: Run Idigicfg, and set altpin to "On"

Replace the 8-wire cable (should be head-to-head)

Replace the 'IDMdmv2ll connector

Before you call in to the modem, have somebody on the system do a 'call., If you are connected to their modem, you should see what they type, but they should not, and vice versa. If you do not see what they type, you may have a port problem... such as being connected to the wrong port, perhaps "No memory found" errors when booting (referring to the C/X card)

Use Idigicfg, and choose a different memory address for the card. Note: This is not the 1/0 port, but the memory address. Takes a long time to read screen in Doublevision:

Xmt limit may be set on the terminal. Xmt limit never needs to be set on DigiBoard ports. It does need to be set on Maxpeed ports, however

Xem problems: 11epcaassert (Digi): line=NNNN ISA Xem has incorrect id register" errors:

You may need to change the port address (e.g. from 104) to something else (like 114) (on both the card and within Idigicfgl). This seems to be a problem when used in conjunction with ADAC (RAID) controllers llxxevent" errors:

The cable from the CPU may be plugged into 11EBI OUT" instead of 11EBI IN." Be sure to power off both the CPU and EBI module before disconnecting the cable

C/X problems: 11epcaassert (Digi): line=NNNN: Memory enable error calling xxfail NNNN

*****WARNING***** ISA C/X at port NNNNNNNN failure" errors:

The composite line speed may be too high. Especially if you are using a speed of 57.6K, use Idigicfgl to lower the speed of the channel. You may wish to only lower the speed of the card indicated in the "failure" message. This has only been seen to be a problem for remote (non-direct) concentrators. Use with RS232 device (i.e. modem or CSU/DSU):

Modems (CSU/DSUs) in sync but no response from concentrator:

Modem (CSU/DSU) handshaking is not configured properly. The following should be set: RTS always on DCD always on DSR always on CTS always on, or follows RTS CSU/DSUs in sync but no response from concentrator:

Phone Company may have the network configured for 64k instead of 56k (or 57.6k). 64k networks are different from 56k networks, and are incompatible with our needs

Concentrator says 11AC11 but is not responding:

Perform Idpal on that concentrator. If Idpal says the concentrator is 11DN,11 verify the node is set on the concentrator to the proper number (see "DigiBoard Card Installation-Attaching the concentrators ... C/X" for instructions)

Concentrator is on but not responding:

The concentrator may not be terminated

The next concentrator in the chain may not have power. Be sure to check this if the next concentrator is in another room, e.g. via a fiber optic cable Local concentrator/line 1 ports are slow

Perform Idigistat, and check speed. Impil (called by Idigicfgl) likes to change the speed of line 1 to that of line 2; hence if line 2 is configured for a RS232 device at 19.2K baud, line is speed may be lowered without your knowledge. Newer versions of Idigicfg' will warn you of this if the pre-reconfiguration speed was faster.