MacDFT, TokenTalk, and Error 32804

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TOPIC ---

I am having problems with a Macintosh IIci with Apple TokenTalk NB card and
MacDFT hooked to an IBM host running TSO. When I call up MacDFT 1.1, I set my
terminal type to Model 3, then begin to log on. After typing my log on and
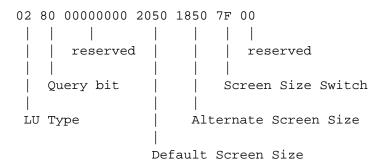password, a dialog box appears:

    Session 1: Request 14: Error 32804

I can log on and run terminal sessions just fine, but this error message may
appear one more time during the session. The manual gives no indication of
what this problem may be.

Another, and possibly related, symptom is that file transfer, which worked fine
under version 1.0, does not work; the file transfer always times out at the
file transfer dialog box. Any suggestions?

DISCUSSION ---

We suspect that both of these problems are being caused by an improperly
configured Log Mode Table on the host. Specifically, we are looking at the
PSERVIC field in the Log Mode Table that has the following format:

```
        02 80 00000000 2050 1850 7F 00
         |  |     |       |     |   |  |
         |  |  reserved   |     |   | reserved
         |  |             |     |   |
         |  Query bit     |     | Screen Size Switch
         |                |     |
        LU Type           | Alternate Screen Size
                          |
                  Default Screen Size
```

Where:

1) LU Type is the device type. 02 is a display device.

2) Query bit determines file transfer ability. You need the first digit of
   this byte set to 8 or higher to enable DFT file transfer.

3) Default Screen Size and Alternate Screen Size are values determining the
   terminal model being used. The following table shows the possible settings:

        Model 1   1828
        Model 2   1850
        Model 3   2050
        Model 4   2B50
        Model 5   1B84

4) Screen Size Switch sets your ability to switch between the default and
   alternate display types. If this is set to 7F, you can. If it is set
   to 7E, you cannot.

In your case, we suspect that the Query bit and Default Screen Size fields need
to be reset, based on the functionality you desire. It is quite likely that
the settings are still those used when MacDFT 1.0 was being used through a
Coax/Twinax card in CUT mode.
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Keywords: <None>

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