PowerBook Fax/Data Modem: Remote Fax Machine Connection

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TOPIC ---

We're experiencing problems with the PowerBook's FAX capability and the
AT&T Enhanced FAX service. The problem occurs during the handshaking
sequence that initiates the FAX session. AT&T tells us that in their
handshakes 4 byte DIF, the extend bit in the 3rd byte is set to 0. AT&T
said that this is a little unusual, but shouldn't pose a problem for the
PowerBooks.

Does this cause a problem for the PowerBooks FAX board, or do we need to
begin looking elsewhere to diagnose the handshaking incompatibility?

DISCUSSION ---

Engineering tested this with the extend bit in the 3rd byte set to 0, and
it didn't cause any problems.

Before it was shipped, the PowerBook Fax/Data modem was tested with 80
different fax machines for compatibility without any problems.

Here are two scenarios where you might encounter connection problems:

- If you attempt to send a document in "fine" resolution and the remote fax
  machine doesn't support it, the fax modem will disconnect.

- If you attempt to send a document in US legal format and the remote fax
  machine can't support "unlimited" length format, the fax modem will
  disconnect.
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