Subject: Re: Color Printer limitations - Postscript resolution Posted by 8015 on Thu, 12 May 1994 17:11:24 GMT

View Forum Message <> Reply to Message

In article <2qtlak\$im1@spool.cs.wisc.edu>, Francois Pomport <frp@ssec.wisc.edu> wrote:

>

> Hi,

>

- > I am trying to print some filled contour graphics on a color
- > printer, but the printer seems to ignore them. Each time IDL warns

...

- > Do you
- > have any other references for new color printers with an estimated
- > price?

>

About a year ago our first effort with IDL and color printers using postscript was pretty dismal. We blamed it on the printer (Sharp JX-7000 24-bit dye-sub), also. The problem was the time required to print because the imaging of the postscript was being done with Sun's NeWSPrint software rather than in the printer's hardware (non-PS printer). Anyway, the solution was to have IDL output a Sun Raster File using the write_srf procedure in IDL. The file was then sent to the printer. Processing time was cut from at least an hour to less than a minute. Priniting time was about five minutes.

If this sounds like a reasonable solution, here is some more info: Vendor: APUNIX 800/827-8649 (Susan and Vince have been very helpful) Printer: Sharp JX-7000 24-bit dye-sub printer connected via SCSI

Cost: \$8,000

Cost per copy: ~\$2 for paper, ribbons, etc.

Output time: 5 minutes once file is created by IDL and spooled to printer (which takes whatever time is required for your computer to create and spool a 5 MByte file across the SCSI bus). In our case, using a Sun IPX, it was about 30 seconds to create the file and a few seconds to spool the file.

Mike Schienle Hughes Santa Barbara Research Center mgs@sbjse0.sbrc.hac.com 75 Coromar Drive, M/S B28/87

Voice: (805)562-7466 Fax: (805)562-7881 Goleta, CA 93117