

Subject: Re: Image w/contours in PostScript?
Posted by [8015](#) on Tue, 09 Nov 1993 16:31:19 GMT
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In article <1993Nov8.140825.1@aurora.alaska.edu> ftacn@aurora.alaska.edu writes:

> I'm having trouble printing color PostScript files created in
> IDL on our Tektronix Phaser IIsdx printer. The files contain
> images upon which I would like to overlay contours. I have been
> doing the following to create my PostScript files:

< ... IDL plotting code deleted ... >

```
>  
> Anyone have a better way to do this?  
> -Andy Nicholas  
> nicholas@uap.navy.nrl.mil
```

Hi Andy -

We were having many probs with IDL postscript files, also. Our solution was to send a raster file to the printer instead of a postscript file. Will the Tek printer handle anything besides PS? Can you send it a "Sun Raster File", gif, tiff, or something else that IDL can produce? I can help out if this is something you want to pursue.

Later,

Mike Schienle mgs@sbjse0.sbrc.hac.com
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Subject: Re: Image w/contours in PostScript?
Posted by [andy](#) on Tue, 09 Nov 1993 16:46:42 GMT
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In article <1993Nov8.140825.1@aurora.alaska.edu>, ftacn@aurora.alaska.edu writes:

> I'm having trouble printing color PostScript files created in
> IDL on our Tektronix Phaser IIsdx printer. The files contain
> images upon which I would like to overlay contours. I have been
> doing the following to create my PostScript files:

I wonder if you are running into memory problems with the printer. We had such problems and decided to abandon the use of images, and instead we contour 2-D datasets with `c_color` and `/fill` turned on.

--

```

----- start
set_plot,'PS'

; set the orientation dependent on x and y box sizes
if iny ge inx then begin    ; use portrait mode
    x = inx/float(iny) * 8.0
    device,/inch,xsize=x,ysize=8.0,bits_per_pixel=8,xoffset=(8.5 -x)/2., $
    yoffset=1.5,/color,filename = file
endif else begin          ; use landscape mode
    y = iny/float(inx) * 8.0
    device,/inch,xsize=8.0,ysize=y,bits_per_pixel=8,yoffset=9.5, $
    xoffset=(8.5-y)/2.,/color,filename = file,/landscape
endelse

```

```
!p.thick=2
!p.position=[0,0,1,1]

; now plot the contour
contour,image,/noerase,xstyle=5,ystyle=5,position=[0,0,1,1], /normal

device, /close
----- end
```

This works with our Tektronics Phaser color printer.

Good Luck,
--Keith Scollick
