

# Technical Bulletin

## PRINTING OUT SYSTEM-80 SCREEN GRAPHICS

### USING THE X-3252 OR X-3250 SEIKO PRINTERS

Quite a few customers with a System-80 computer and either the X-3252 (GP-80) or X-3250 (GP-100) printer have asked if there is any easy way to print out a screen of graphics characters.

For those people the following program should be of interest. Probably the easiest way to use it would be to tack it onto the end of your main program as a subroutine, and arrange to call it immediately after putting the desired graphics on the screen.

The sample printout shown was produced by adding the program in this way to the program on the System-80 Demo Tape which draws the Dick Smith logo on the screen.

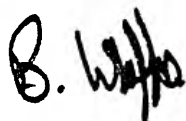
```

1000 LPRINTCHR$(8)
1010 FORB=0TO47
1020 FORA=20TO100
1030 X=POINT(A,B)
1040 GOSUB1080
1050 NEXTA
1055 LPRINTCHR$(13);
1060 NEXTB
1070 END
1080 IFX=0THEN1130
1090 FORT=1TO4
1100 LPRINTCHR$(255);
1110 NEXTT
1120 RETURN
1130 FORT=1TO4
1140 LPRINTCHR$(128);
1150 NEXTT
1160 RETURN

```

This program was written for a GP-80, which cannot handle the full width of the screen print because of its 80-column format. This is the reason for the limited range for A in line 1020. The actual start and finish values for A can be changed to vary the part of the screen that is printed.

Regards,



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Service Department



As you can see, the program prints out the screen with quite accurate proportions.