

```

62,224,134,248,142,152,97,162,1,142
760 DATA 75,3,162,208,142,163,96,142,215
,96,162,2,32,201,255,173,233,3,24,105
770 DATA 48,32,210,255,169,13,32,210,255
,32,204,255,169,52,133,1,160,0,177,247
780 DATA 162,55,134,1,72,24,165,247,105,
8,144,2,230,248,133,247,173,232,3,240
790 DATA 56,104,162,0,142,74,3,10,46,74,
3,10,46,74,3,72,170,174,74,3,236,75
800 DATA 3,208,3,32,0,98,238,73,3,238,65
,3,208,3,238,64,3,238,65,3,208,3,238
810 DATA 64,3,173,73,3,201,4,208,203,76,
238,96,104,162,0,142,74,3,24,10,46,74
820 DATA 3,72,173,74,3,205,75,3,208,3,32
,0,98,238,73,3,238,65,3,208,3,238,64
830 DATA 3,173,73,3,201,8,208,215,162,0,
142,73,3,104,238,72,3,173,72,3,201,40
840 DATA 176,3,76,112,96,173,76,3,240,3,
32,0,98,238,67,3,173,78,3,141,65,3,173
850 DATA 77,3,141,64,3,32,0,98,162,0,142
,72,3,142,64,3,142,65,3,142,76,3,169
860 DATA 208,141,163,96,141,215,96,198,2
48,165,247,56,233,63,176,2,198,248,133
870 DATA 247,238,71,3,173,71,3,201,8,240
,3,76,112,96,162,0,142,71,3,230,248
880 DATA 165,247,24,105,56,144,2,230,248
,133,247,238,70,3,173,70,3,201,25,240
890 DATA 3,76,112,96,32,204,255,173,232,
3,208,3,76,246,97,238,75,3,173,75,3
900 DATA 201,4,240,119,162,0,142,70,3,14
2,67,3,142,64,3,142,65,3,142,77,3,142
910 DATA 78,3,162,0,134,247,162,224,134,
248,162,1,32,201,255,162,0,138,72,189
920 DATA 231,97,32,210,255,104,170,232,2
24,9,208,241,162,1,32,201,255,162,0
930 DATA 138,72,189,240,97,32,210,255,10
4,170,232,224,6,208,241,162,2,32,201
940 DATA 255,173,75,3,56,233,1,168,185,2
33,3,24,105,48,32,210,255,169,13,32
950 DATA 210,255,32,204,255,76,112,96,77
,44,48,44,45,50,48,49,13,77,44,48,44
960 DATA 48,13,32,47,243,169,1,141,14,22
0,88,96,173,64,3,72,173,65,3,72,173
970 DATA 67,3,72,162,0,142,67,3,142,68,3
,142,69,3,201,100,144,8,233,100,238
980 DATA 67,3,76,23,98,201,10,144,8,233,
10,238,68,3,76,35,98,201,1,144,8,233
990 DATA 1,238,69,3,76,47,98,173,65,3,17
4,64,3,240,17,162,2,142,64,3,162,5,142
1000 DATA 65,3,232,142,66,3,76,95,98,162
,0,142,64,3,142,65,3,142,66,3,201,100
1010 DATA 144,8,238,64,3,233,100,76,95,9
8,201,10,144,8,238,65,3,233,10,76,107
1020 DATA 98,201,1,144,8,238,66,3,233,1,
76,119,98,173,65,3,24,105,8,141,65,3
1030 DATA 173,66,3,201,10,144,8,233,10,1
41,66,3,238,65,3,173,65,3,201,10,144
1040 DATA 11,233,10,141,65,3,238,64,3,76
,155,98,162,1,32,201,255,173,76,3,240
1050 DATA 8,169,68,32,210,255,76,196,98,
169,77,32,210,255,169,44,32,210,255,173
1060 DATA 64,3,24,105,48,32,210,255,173,
65,3,24,105,48,32,210,255,173,66,3,24
1070 DATA 105,48,32,210,255,169,44,32,21

```

```

0,255,169,45,32,210,255,173,67,3,24,105
1080 DATA 48,32,210,255,173,68,3,24,105,
48,32,210,255,173,69,3,24,105,48,32,210
1090 DATA 255,169,13,32,210,255,104,141,
67,3,104,141,65,3,104,141,64,3,173,163
1100 DATA 96,73,32,141,163,96,141,215,96
,173,76,3,73,1,141,76,3,173,65,3,141
1110 DATA 78,3,173,64,3,141,77,3,96
READY.

```

Listing »Farbige Hardcopy VC 1520«

## Hardcopy Gemini-10X

Das Programm erlaubt, in der Kombination des von C 64 mit dem Matrix-Drucker Gemini-10X von Star eine Hardcopy der hochauflösenden Grafik zu erstellen.

Es werden die Grafikpunkte in 25 Zeilen zusammengefaßt und nacheinander ausgedruckt.

Der Druckvorgang dauert rund 45 Sekunden.

Das Programm wird in den Kassettenspeicher eingelesen und von dort mit folgendem Befehl aufgerufen:

```
xxx OPENX,4,5
```

```
xxx SYS828,X
```

```
xxx PRINT #X:CLOSEX
```

Das X bei den einzelnen Befehlen steht für die freidefinierbare Filenummer.

Nach dem CLOSE-Befehl springt das Programm automatisch wieder in das Basic-Programm.

(Gunnar E. Krüger/rg)

```

10 REM HARDCOPY C64 UND GEMINI-10X
15 REM MIT STAR-UNIVERSAL-INTERFACE
20 FOR I=828 TO 943
30 READ X:POKEI,X:S=S+X:NEXT I
40 DATA76,63,3,32,253,174,32,158,183,32,
201,255,169,0,160,32
50 DATA133,253,132,254,162,25,160,7,44,1
60,5,185,160,3,32
60 DATA210,255,136,16,247,169,40,133,21,
169,128,133,151,169
70 DATA0,133,20,160,7,177,253,37,151,240
,7,165,20,25,168,3
80 DATA133,20,136,16,240,165,20,32,210,2
55,70,151,144,225
90 DATA165,253,105,7,133,253,144,2,230,2
54,198,21,208,207
100 DATA202,208,189,169,13,32,210,255,76
,204,255,1,64,75,27
110 DATA13,8,65,27,128,64,32,16,8,4,2,1
120 IF S<>13426 THEN PRINT"FEHLER":STOP
130 PRINT"OK!"
READY.

```

Basic-Lader »Hardcopy Gemini-10X«