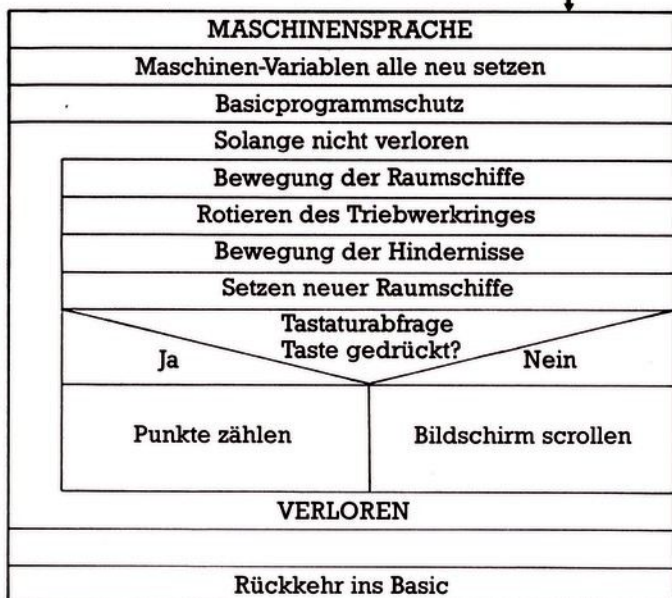
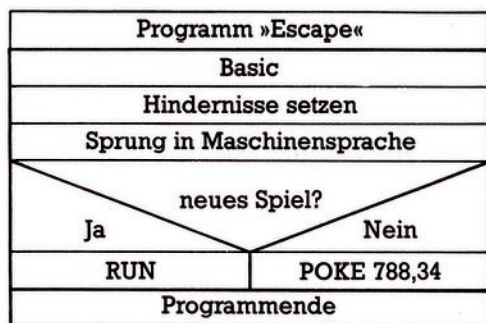


```

12: POKE6+23,13:GOTO8
10 F=0:L=0:M=14:N=7:DATA7721,7815,7962,8
064,0,16,1,15,4
11 A=INT(RND(1)*506)+7680:IFPEEK(A)<>32T
HEN11
12 POKEA,M:POKEA+30720,N:F=F+1:IFF<5THEN
11
13 L=L+1:IFL<3THENREADM:READN:F=0:GOTO11
14 SYS6301:POKE788,194:POKE36869,240
15 F=PEEK(873)+256*PEEK(874)+4096*PEEK(8
75):IFF>2200THENA$="SOGAR":GOTO20
16 IFF>1600THENA$="UNERWARTET":GOTO20
17 IFF>1000THENA$="MUEHEVOLL":GOTO20
18 IFF<500THENA$="NUR":GOTO20
19 A$="GERADE"
20 POKE36879,25:PRINT"UuuuuuSIE KONNTEN
";A$
21 PRINT"uuu";F;"uuuuuPUNKTE ERREICH
EN!!"
22 PRINT"uuuTRAUEN SIE SICH NOCH ?uuuu
(J/N)"
23 F=128:FORG=155TO38STEP-1:F=F+1:POKE36
876,F:POKE36881,G:NEXT
24 POKE36876,0:GETA$:IFA$="J"THENRUN
25 IFA$="N"THENPOKE788,34
26 GOTO24
27 REM M. WERNER
28 REM PARADEIS 38
29 REM 8120 WEILHEIM
READY.

```

Listing 7. »Escape« — Das Hauptprogramm



Die Programmstruktur von »Escape«

# Pac-Boy — die Herausforderung

Die Herausforderung, die dieses Programm an Sie stellt, ist zweifach. Zum ersten sind dies die 128 verschiedenen Schnelligkeitsgrade. Andererseits müssen Sie, um das Programm einzugeben, 5939 — in Worten: fünftausendneunhundertneununddreißig — DATAs eintippen.

Das Programm lehnt sich stark an die herkömmlichen »Pac-man«-Spiele an und ist mit folgenden Einzelheiten ausgestattet (Bilder dazu auf Seite 68):

- Es werden alle acht Sprites, teilweise in Multicolor, verwendet,
- Es wird ein vollständiger neuer Zeichensatz definiert,
- Das Programm läuft mit Ausnahme der Einleitung und des Endes in reiner Maschinensprache, und ist daher sehr schnell,
- High-Scorewertung,
- Einsatz des Soundchips.

### Programmbeschreibung:

Nach bekanntem Schema muß der Spieler bei diesem Spiel versuchen, seinen »Pac-Boy« möglichst lange durch ein Labyrinth zu bewegen, ohne dabei von den umherlaufenden Geistern erwischt zu werden. Frißt man die Pillen, so erhält man jeweils fünf Punkte. Indem man aber eines der vier Nahrungstücke frißt, kann man kurzzeitig den Spieß umdrehen und die nun flüchteten Geister jagen. Man erhält hier pro erlegtem Geist einen Bonus von 200 Punkten.

Der Zustand der Geister zeigt sich immer in deren Farbe.

### Zur Bedienung des Programmes:

Zuerst sieht man eine kurze Einleitung, in der alle Mitwirkenden vorgestellt werden. Darauf folgen die Wahl der Schwierigkeitsgrade und das eigentliche Spiel. Gelenkt wird der Vielfraß übrigens mit den Tasten f 5, f 7, z und x für oben, unten links und rechts.

### Zum Eingeben des Programmes:

Zuerst müssen die beiden Listings »Pac-Boy« und »Data-Pac« eingegeben und dann abgespeichert werden.

Jetzt startet man »Data-Pac« und kann sich aussuchen, ob man die DATA-Zeilen testen oder im Programm fortschreiten will.

Wenn keine Fehler aufgetreten sind, wird dann ein neues, reines Datenprogramm generiert, das dann später sehr schnell vom Hauptprogramm nachgeladen werden kann.

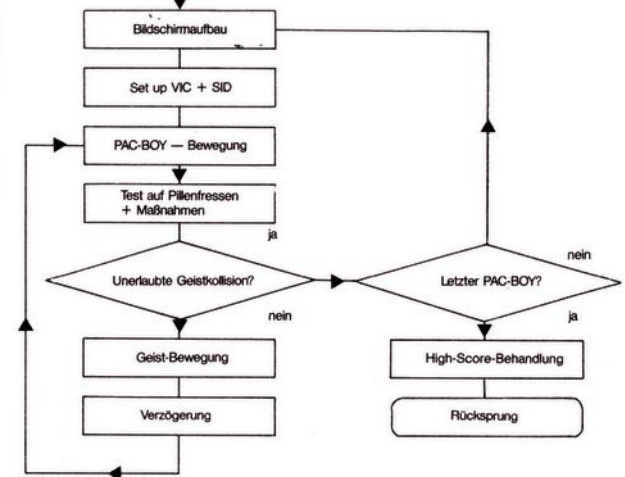
Gestartet wird das Programm durch das Einladen von »Pac-Boy« und nachfolgendem RUN. Zuletzt ist noch zu bemerken, daß die Floppy-Station nach Abänderung der entsprechenden Zeile durch die Datasette ersetzt werden kann.

(H. Schlangmann/rg)

Für den Interessierten eine Auflistung der Maschinen-  
Unterprogramme und ein Flußdiagramm:

\$ 3000	- 37FF	Zeichen-DATAs
\$ 3800	- 3BE7	Labyrinth
\$ 3BE8	- 3C17	VIC-Daten
\$ 3C18	- 3C1F	Spriteblöcke
\$ 3C20	- 3CBF	Zwischenspeicher
\$ 3CC0	- 3FFF	Spritedaten (Block 0 - 12)
\$ 4000	- 4143	Tastaturabfrage + Bewegung
\$ 4144	- 4176	Set up VIC, Set up SID
\$ 417A	- 41D9	Bildschirmaufbau 1. Teil
\$ 41DA	- 4330	Kollisionstests, Sound, Score
\$ 433C	- 437E	Bildschirmaufbau 2. Teil
\$ 437F	- 44FD	verschiedene Geisterbewegungs- unterprogramme
\$ 4500	- 4574	Hauptschleife (siehe Flußdiagramm) + High-Score
\$ 458C	- 4731	Geistbewegung

Flußdiagramm der Hauptschleife (stark vereinfacht)



Listing »PAC-BOY«

```

10 GOTD036:*****
12 *
14 * PAC-BOY, EIN ARCADE-GAME *
16 *
18 * GESCHRIEBEN VON: *
20 *
22 * HARALD SCHLANGMANN *
24 *
26 * MOOSRAIN 54 *
28 *
30 * 8110 MURNAU *
32 *
34 *****
36 :
38 :
40 IFSW=0THENSW=1:LOAD"MA-PAC",8,1
42 SYS16708:POKE53248+21,0:RESTORE
44 DATA180,131,180,155,214,155,248,155
46 DATA180,179,214,179,248,179,26,179
47 DATA128
50 FORT=0T016:READA:POKE53248+T,A:NEXT
52 GOSUB1000
53 POKE53248+21,255:POKE198,0
54 GETA$: IFA$="" THEN54
56 POKE53248+21,0:PRINT" "
** PAC/BOY *****
58 PRINT
60 PRINT" ";
62 PRINT" ZUERST KANNST DU ABER NOCH DI
E ";
64 PRINT" SCHWIERIGKEITSSTUFE AUS DEM B
EREICH ";
66 PRINT" A0..127Ü WAEHLEN, WOBEI 0 AM
SCHNELL- ";
68 PRINT" STEN IST...
";
70 PRINT" ";
";
72 PRINT
74 PRINT
76 PRINT
78 INPUT "DEINE EINGABE ";SE
80 IFSE<0ORSE>127THENPRINT"
";:GOTD07B
81 POKE17709,SE
82 PRINT
84 PRINT
  
```

```

86 PRINT
90 PRINT" MIT EINEM TASTENDRUCK GEHTS
LOS... "
92 GETA$: IFA$="" THEN92
95 FORT=0T0500:NEXT
100 REM ***** HAUPTROUTINE *****
110 SYS17664
120 FORT=0T01000:NEXT:POKE53248+21,0
130 GOSUB1100
140 GETA$: IFA$<>" THEN140
150 GOTD42
1000 PRINT" ***** PAC/";
1001 PRINT" BOY *****";
1002 PRINT" ";
1003 PRINT" ";
1004 PRINT" ";
1005 PRINT" ";
1006 PRINT" VERSUCHE MIT DEINEM";
1007 PRINT" 'PAC-BOY' IN EINEM ";
1008 PRINT" LABYRINT MOEGLICHST";
1009 PRINT" LANGE DEN UMH-";
1010 PRINT" LAUFENDEN GEISTERN ";
1011 PRINT" AUSZUWEICHEN UND ";
1012 PRINT" DABEI VIEL ZU FRESS";
1013 PRINT" EN... ";
1014 PRINT" ";
1015 PRINT" ";
1016 PRINT" ";
1017 PRINT" ";
1018 PRINT" DIE SPIELFIGUREN: ";
1019 PRINT" ";
1020 PRINT" ";
1021 PRINT" ";
1022 PRINT" DER HELD : ";
1023 PRINT" ";
1024 PRINT" ";
1025 PRINT" ";
1026 PRINT" ";
1027 PRINT" ";
1028 PRINT" DIE DREI GEISTER : ";
1029 PRINT" ";
1030 PRINT" ";
1031 PRINT" ";
1032 PRINT" ";
1033 PRINT" ";
1034 PRINT" DIE NAHRUNG : ";
1035 PRINT" ";
1036 PRINT" ";
1037 PRINT" ";
  
```

Listing »DATA-PAC«

```

1038 PRINT" ";
1039 PRINT" ";
1040 PRINT" UND VIELE, VIELE PI";
1041 PRINT" LLEN : * * * * * * * * * *";
1042 PRINT" ";
1043 PRINT" ";
1044 PRINT" ";
1045 PRINT" ";
1046 PRINT" -*** DRUECKE ZUM ST";
1047 PRINT" PART EINE TASTE ***-";
1048 PRINT" ";
1099 RETURN
1100 PRINT" -***** PAC/";
1101 PRINT" BOY *****";
1102 PRINT" ";
1103 PRINT" ";
1104 PRINT" ";
1105 PRINT" ";
1106 PRINT"  _ _ _ _ _ _ _ _ _ _";
1107 PRINT"  _ _ _ _ _ _ _ _ _ _";
1108 PRINT"  | | | | | | | | | |";
1109 PRINT"  | | | | | | | | | |";
1110 PRINT"  | | | | | | | | | |";
1111 PRINT"  | | | | | | | | | |";
1112 PRINT"  | | | | | | | | | |";
1113 PRINT"  | | | | | | | | | |";
1114 PRINT"  | | | | | | | | | |";
1115 PRINT"  | | | | | | | | | |";
1116 PRINT"  | | | | | | | | | |";
1117 PRINT"  | | | | | | | | | |";
1118 PRINT"  | | | | | | | | | |";
1119 PRINT"  | | | | | | | | | |";
1120 PRINT" ";
1121 PRINT" ";
1122 PRINT" ";
1123 PRINT" ";
1124 PRINT" ";
1125 PRINT" ";
1126 PRINT" ";
1127 PRINT" ";
1128 PRINT"  | | | | | | | | | |";
1129 PRINT"  | | | | | | | | | |";
1130 PRINT"  | DER GEIST WAR WOHL";
1131 PRINT"  | SCHNELLER...";
1132 PRINT"  | WENN DU DENN MUT N";
1133 PRINT"  | NOCH NICHT VERLOREN";
1134 PRINT"  | HAST DANN DRUECKE";
1135 PRINT"  | FUER EIN WEITERES";
1136 PRINT"  | SPIEL DIE 'SPACE'";
1137 PRINT"  | TASTE...";
1138 PRINT"  |";
1139 PRINT"  |";
1140 PRINT" ";
1141 PRINT" ";
1142 PRINT" ";
1143 PRINT" ";
1144 PRINT"  | -ICH WARTE AUF EINE";
1145 PRINT"  | EINGABE...";
1150 RETURN
1151 DATA 47
READY.

```

```

0 DATA 60,102,110,110,96,98,60,0,60,34,34
,62,98,98,98,0,120,100,100,124
1 DATA 98,98,126,0,62,70,64,64,66,62,0
,124,102,98,98,98,126,0,126
2 DATA 64,96,120,96,96,126,0,126,96,96,56
,32,32,32,0,126,102,96,108,110
3 DATA 98,126,0,68,68,68,126,102,102,102,
0,8,8,24,24,24,24,0,4,4,4,6
4 DATA 102,102,24,0,68,72,112,112,120,108
,102,0,64,64,96,96,96,102,126,0
5 DATA 102,90,66,66,98,114,114,0,100,84,7
6,68,102,102,102,0,60,102,66,70
6 DATA 70,110,60,0,124,70,66,124,96,96,96
,0,60,102,66,90,94,110,60,0,120
7 DATA 76,68,124,104,102,98,0,60,70,64,60
,6,70,60,0,124,20,16,24,24,24,24
8 DATA 0,66,66,66,70,70,70,62,0,70,70,78,
78,76,40,16,0,102,102,98,98,90
9 DATA 126,36,0,66,68,40,16,40,76,78,0,70
,70,70,36,24,24,24,0,126,98,4,8
10 DATA 16,54,126,0,60,48,48,48,48,60,
0,12,18,48,124,48,98,252,0,60,12
11 DATA 12,12,12,60,0,16,56,124,16,24,
24,24,0,0,32,111,255,96,32,0,0,0
12 DATA 0,0,0,0,0,0,56,56,24,24,0,24,24
,0,102,102,34,0,0,0,0,36,36,126
13 DATA 36,126,36,36,0,24,62,96,60,6,124,
24,0,99,102,12,24,48,115,115,0,60
14 DATA 66,36,56,103,98,63,0,4,8,24,0,0,0
,0,0,4,8,16,16,24,12,4,0,16,8,4
15 DATA 4,12,24,16,0,0,66,52,255,52,66,0,
0,0,16,16,126,24,24,0,0,0,0,0,0
16 DATA 0,24,24,48,0,0,0,126,14,0,0,0,0,0
,0,0,0,24,24,0,0,2,4,8,24,48,96
17 DATA 0,60,70,74,82,114,114,60,0,8,24,4
0,8,24,24,126,0,60,98,2,12,48,112
18 DATA 126,0,60,98,2,28,6,102,60,0,6,10,
18,34,127,6,6,0,126,64,124,2,6,102
19 DATA 60,0,60,70,64,124,102,102,60,0,12
6,98,4,8,24,24,24,0,60,66,66,60
20 DATA 98,102,60,0,60,66,66,62,6,102,60,
0,0,0,24,0,0,24,0,0,0,24,0,0,24
21 DATA 24,48,8,16,32,96,48,24,8,0,0,0,12
6,0,126,0,0,0,16,8,4,6,12,24,16
22 DATA 0,60,98,2,12,24,0,24,0,0,0,0,255,
255,0,0,0,0,0,0,1,7,31,255,0,0
23 DATA 0,128,224,248,255,31,127,255,25
5,255,255,127,31,248,254,255,255
24 DATA 255,255,254,248,60,126,126,255,25
5,255,255,255,255,255,255,255,255
25 DATA 126,126,60,224,192,128,0,0,0,0,0,
0,0,0,0,0,128,192,224,240,252,254
26 DATA 254,255,255,255,255,255,255,255,2
55,127,127,63,15,255,255,255,255
27 DATA 254,254,252,240,7,3,1,0,0,0,0,0,
0,0,0,0,1,3,7,0,0,0,7,7,0,0,0,0
28 DATA 0,224,224,0,0,0,255,255,3,3,3,3
,3,3,0,60,126,126,126,126,60,0,0
29 DATA 0,0,0,255,255,0,54,127,127,127,
62,28,8,0,96,96,96,96,96,96,96,96
30 DATA 15,63,127,127,255,255,255,255,195
,231,126,60,60,126,231,195,0,60
31 DATA 126,102,102,126,60,0,24,24,102,10
2,24,24,60,0,6,6,6,6,6,6,6,6,8,28
32 DATA 62,127,62,28,8,0,24,24,24,255,255
,24,24,24,192,192,48,48,192,192
33 DATA 48,48,24,24,24,24,24,24,24,0,0
,3,62,118,54,54,0,255,127,63,31
34 DATA 15,7,3,1,0,0,0,0,0,0,0,0,240,240,

```

## Listing »DATA-PAC« (Fortsetzung)

240,240,240,240,240,240,0,0,0,0  
 35 DATA255,255,255,255,255,255,0,0,0,0,0,0,0,0,0,0  
 ,0,0,0,0,0,0,0,0,255,192,192,192,192  
 36 DATA192,192,192,192,204,204,51,51,204  
 ,204,51,51,3,3,3,3,3,3,3,3,0,0,0  
 37 DATA0,204,204,51,51,255,254,252,248,2  
 40,224,192,128,3,3,3,3,3,3,3,3,24  
 38 DATA24,24,31,31,24,24,24,0,0,0,0,15,1  
 5,15,24,24,24,31,31,0,0,0,0  
 39 DATA0,248,248,24,24,24,0,0,0,0,0,0,25  
 5,255,0,0,0,31,31,24,24,24,24,24  
 40 DATA24,255,255,0,0,0,0,0,0,255,255,24  
 ,24,24,24,24,24,248,248,24,24,24  
 41 DATA192,192,192,192,192,192,192,192,2  
 24,224,224,224,224,224,224,224,7  
 42 DATA7,7,7,7,7,7,7,255,255,0,0,0,0,0,0  
 ,255,255,255,0,0,0,0,0,0,0,0,0,0,0,0  
 43 DATA255,255,255,3,3,3,3,3,3,255,255,0  
 ,0,0,0,240,240,240,240,15,15,15  
 44 DATA15,0,0,0,0,24,24,24,248,248,0,0,0  
 ,240,240,240,240,0,0,0,240,240  
 45 DATA240,240,15,15,15,15,195,153,145,1  
 45,159,157,195,255,195,221,221,193  
 46 DATA157,157,157,255,135,155,155,131,1  
 57,157,129,255,193,185,191,191,191  
 47 DATA189,193,255,131,153,157,157,157,1  
 57,129,255,129,191,159,135,159,159  
 48 DATA129,255,129,159,159,199,223,223,2  
 23,255,129,153,159,147,145,157,129  
 49 DATA255,187,187,187,129,153,153,153,2  
 55,247,247,231,231,231,231,231,255  
 50 DATA251,251,251,249,153,153,231,255,1  
 87,183,143,143,135,147,153,255,191  
 51 DATA191,159,159,159,153,129,255,153,1  
 65,189,189,157,141,141,255,155,171  
 52 DATA179,187,153,153,153,255,195,153,1  
 89,185,185,145,195,255,131,185,189  
 53 DATA131,159,159,159,255,195,153,189,1  
 65,161,145,195,255,135,179,187,131  
 54 DATA151,153,157,255,195,185,191,195,2  
 49,185,195,255,131,235,239,231,231  
 55 DATA231,231,255,189,189,189,185,185,1  
 85,193,255,185,185,177,177,179,215  
 56 DATA239,255,153,153,157,157,165,129,2  
 19,255,189,187,215,239,215,179,177  
 57 DATA255,185,185,185,219,231,231,231,2  
 55,129,157,251,247,239,201,129,255  
 58 DATA195,207,207,207,207,207,195,255,2  
 43,237,207,131,207,157,3,255,195  
 59 DATA243,243,243,243,243,195,255,239,1  
 99,131,239,231,231,231,255,255,223  
 60 DATA144,0,159,223,255,255,255,255,255  
 ,255,255,255,255,199,199,231  
 61 DATA231,255,231,231,255,153,153,221,2  
 55,255,255,255,255,219,219,129,219  
 62 DATA129,219,219,255,231,193,159,195,2  
 49,131,231,255,156,153,243,231,207  
 63 DATA140,140,255,195,189,219,199,152,1  
 57,192,255,251,247,231,255,255,255  
 64 DATA255,255,251,247,239,239,231,243,2  
 51,255,239,247,251,251,243,231,239  
 65 DATA255,255,189,203,0,203,189,255,255  
 ,255,239,239,129,231,231,255,255  
 66 DATA255,255,255,255,255,231,231,207,2  
 55,255,255,129,241,255,255,255,255  
 67 DATA255,255,255,255,231,231,255,255,2  
 53,251,247,231,207,159,255,195,185  
 68 DATA181,173,141,141,195,255,247,231,2  
 15,247,231,231,129,255,195,157,253  
 69 DATA243,207,143,129,255,195,157,253,2  
 27,249,153,195,255,249,245,237,221  
 70 DATA128,249,249,255,129,191,131,253,2  
 49,153,195,255,195,185,191,131,153  
 71 DATA153,195,255,129,157,251,247,231,2  
 31,231,255,195,189,189,195,157,153  
 72 DATA195,255,195,189,189,193,249,153,1  
 95,255,255,255,231,255,255,231,255  
 73 DATA255,255,255,231,255,255,231,231,2  
 07,247,239,223,159,207,231,247,255  
 74 DATA255,255,129,255,129,255,255,255,2  
 39,247,251,249,243,231,239,255,195  
 75 DATA157,253,243,231,255,231,255,255,2  
 55,255,0,0,255,255,255,255,255,255  
 76 DATA255,254,248,224,0,255,255,255,255  
 ,127,31,7,0,224,128,0,0,0,0,128  
 77 DATA224,7,1,0,0,0,0,1,7,195,129,129,0  
 ,0,0,0,0,0,0,0,0,129,129,195,31  
 78 DATA63,127,255,255,255,255,255,255,25  
 5,255,255,255,127,63,31,15,3,1,1  
 79 DATA0,0,0,0,0,0,0,0,128,128,192,240,0  
 ,0,0,0,1,1,3,15,248,252,254,255  
 80 DATA255,255,255,255,255,255,255,255,2  
 55,254,252,248,255,255,255,248,248  
 81 DATA255,255,255,255,255,255,31,31,255  
 ,255,255,0,0,252,252,252,252,252  
 82 DATA252,255,195,129,129,129,129,195,2  
 55,255,255,255,255,255,0,0,255,201  
 83 DATA128,128,128,193,227,247,255,159,1  
 59,159,159,159,159,159,159,240,192  
 84 DATA128,128,0,0,0,0,60,24,129,195,195  
 ,129,24,60,255,195,129,153,153,129  
 85 DATA195,255,231,231,153,153,231,231,1  
 95,255,249,249,249,249,249,249,249  
 86 DATA249,247,227,193,128,193,227,247,2  
 55,231,231,231,0,0,231,231,231,63  
 87 DATA63,207,207,63,63,207,207,231,231,  
 231,231,231,231,231,255,255  
 88 DATA252,193,137,201,201,255,0,128,192  
 ,224,240,248,252,254,255,255,255  
 89 DATA255,255,255,255,255,15,15,15,15,1  
 5,15,15,15,255,255,255,255,0,0,0  
 90 DATA0,0,255,255,255,255,255,255,255,2  
 55,255,255,255,255,255,0,63  
 91 DATA63,63,63,63,63,63,51,51,204,20  
 4,51,51,204,204,252,252,252,252  
 92 DATA252,252,252,252,255,255,255,255,5  
 1,51,204,204,0,1,3,7,15,31,63,127  
 93 DATA252,252,252,252,252,252,252,252,2  
 31,231,231,224,224,231,231,231,255  
 94 DATA255,255,255,240,240,240,240,231,2  
 31,231,224,224,255,255,255,255,255  
 95 DATA255,7,7,231,231,231,255,255,255,2  
 55,255,255,0,0,255,255,255,224,224  
 96 DATA231,231,231,231,231,231,0,0,255,2  
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 97 DATA231,231,231,7,7,231,231,231,63,63  
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 103 DATA170,170,160,144,129,131,206,207,  
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## Listing »DATA-PAC« (Fortsetzung)

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 113 DATA32,32,67,160,160,160,68,32,32,32,  
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 122 DATA160,160,160,75,32,32,32,32,76,  
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 150 DATA147,131,143,146,133,186,176,176,  
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 151 DATA144,75,88,68,152,188,192,188,168,  
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 152 DATA27,28,209,0,255,200,0,28,113,240,  
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 156 DATA75,81,0,1,2,40,41,42,80,81,82,0,  
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 157 DATA15,195,153,145,145,159,153,195,2  
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 158 DATA131,153,153,131,153,153,131,255,  
 195,153,159,159,159,153,195,255,135  
 159 DATA147,153,153,153,147,135,255,129,  
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 160 DATA159,135,159,159,159,255,195,153,  
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 161 DATA129,153,153,153,255,195,231,231,  
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 162 DATA243,147,199,255,153,147,135,143,  
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 163 DATA7,255,224,15,255,240,31,255,248,  
 31,255,248,63,255,252,63,255,252  
 164 DATA63,255,252,63,231,60,63,231,60,6  
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 174 DATA255,252,31,255,248,31,255,248,15,  
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 175 DATA0,0,0,0,255,0,0,0,0,0,0,3,0,192,

## Listing »DATA-PAC« (Fortsetzung)

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 176 DATA195,248,63,195,252,63,231,252,60  
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 177 DATA255,252,63,255,252,31,255,248,31  
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 186 DATA127,252,0,7,252,63,255,252,63,25  
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 92,0,255,0,0,0,0,255,0,0,0,0,126  
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 195 DATA63,255,252,63,255,252,63,253,252  
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 196 DATA15,127,240,15,255,240,3,251,192,  
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 197 DATA0,4,16,0,4,16,0,4,16,0,4,252,0,6  
 3,252,60,63,48,60,12,42,170,168,37  
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 199 DATA37,150,88,42,170,168,63,255,252,  
 255,255,255,255,0,0,0,0,0,0,0,0  
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 213 DATA96,234,234,134,20,169,208,133,21  
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 230 DATA1,96,169,0,166,2,232,56,42,202,2  
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 232 DATA169,20,141,1,212,169,129,141,4,2  
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 244 DATA32,145,20,238,248,7,32,54,66,206  
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 246 DATA39,177,20,201,81,208,4,169,0,145

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,10,141,41,208,169,4,141,42,208,96
257 DATA234,234,169,5,141,40,208,141,41,
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259 DATA15,141,5,212,169,251,141,6,212,1
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260 DATA20,138,72,165,162,141,1,212,32,1
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263 DATA68,173,40,208,201,245,240,3,169,
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264 DATA153,0,208,185,233,59,153,1,208,2
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265 DATA169,255,56,229,97,45,16,208,141,
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266 DATA219,68,136,208,247,76,148,68,234
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267 DATA255,141,6,212,169,48,141,1,212,1
69,17,141,4,212,32,102,64,169,0,141
268 DATA4,212,104,168,96,234,234,234,234
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269 DATA165,203,201,64,240,250,234,234,2
34,234,32,0,64,32,93,66,32,132,68
270 DATA240,25,32,160,70,32,132,68,240,1
7,32,17,68,162,20,160,0,234,136,208
271 DATA252,202,16,247,76,22,69,234,234,
206,227,7,169,176,205,227,7,240,18
272 DATA234,169,32,133,2,32,102,64,198,2
,208,249,32,128,67,76,6,69,234,234
273 DATA162,0,189,219,7,221,205,7,240,3,
16,23,96,234,232,224,5,208,239,234
274 DATA234,234,234,234,234,234,234,234,
234,234,234,96,234,162,0,189,219
275 DATA7,157,205,7,157,205,59,232,224,5
,208,242,96,165,252,197,254,144,3
276 DATA240,3,96,24,96,165,251,197,253,1
44,248,56,96,234,134,2,138,10,168
277 DATA185,0,208,133,20,169,0,133,21,56
,42,202,16,252,234,45,16,208,240
278 DATA4,169,1,133,21,234,56,165,20,233
,24,133,20,165,21,233,0,133,21,70
279 DATA21,102,20,70,21,102,20,70,21,102
,20,234,185,1,208,56,233,52,74,74
280 DATA74,170,224,0,240,16,24,165,20,10
5,40,133,20,165,21,105,0,133,21,202
281 DATA208,240,24,169,4,101,21,133,21,2
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34,162,8,188,74,60,177,20,201,32
282 DATA240,22,201,81,240,18,201,71,240,
14,201,72,240,10,201,76,240,6,201
283 DATA77,240,2,56,96,202,16,222,24,96,
234,234,234,234,173,0,208,133,251
284 DATA173,16,208,41,1,133,252,234,234,
165,94,10,170,189,0,208,133,253,166
285 DATA94,169,0,56,42,202,16,252,234,45
,16,208,208,5,133,254,76,87,70,169
286 DATA1,133,254,234,32,140,69,208,1,96
,234,144,12,173,40,208,201,245,240
287 DATA13,166,94,76,123,70,234,173,40,2
08,201,245,240,243,166,94,76,142
288 DATA70,234,166,94,32,161,64,166,94,3
2,159,69,144,5,166,94,32,208,64,96
289 DATA234,166,94,32,208,64,166,94,32,1
59,69,144,5,166,94,32,161,64,96,234
290 DATA169,3,133,94,32,38,71,240,6,32,3
6,70,32,212,70,198,94,208,241,96
291 DATA234,234,138,10,170,189,1,208,24,
105,8,157,1,208,96,234,234,138,10
292 DATA170,56,189,1,208,233,8,157,1,208
,96,96,165,94,10,170,189,1,208,133
293 DATA253,173,1,208,133,251,169,0,133,
252,133,254,234,32,140,69,208,1,96
294 DATA144,26,173,40,208,201,245,240,27
,234,166,94,32,181,70,166,94,32,159
295 DATA69,144,5,166,94,32,196,70,96,173
,40,208,201,245,240,231,234,166,94
296 DATA32,196,70,166,94,32,159,69,144,5
,166,94,32,181,70,96,234,165,162
297 DATA170,189,0,160,41,3,201,0,96,234,
-1
300 :
310 :
320 :
330 INPUT"WOELRD=DATA=>MA. ODER TEST ";A
W#
340 IFAW#="D"THEN500
350 :
360 REM ***** TEST *****
370 :
380 READA:GE=GE+1:PF=PF+A:IFA<>-1THEN380
390 :
400 IFGE>5939THENPRINT"**** ZUVIELE DATE
N ****
410 IFGE<5939THENPRINT"**** ZUWENIG DATE
N ****
420 IFFPF<>676734THENPRINT"**** PRUEFSUMM
E VERKEHRT ****
430 IFFPF<>676734THENPRINT"DIFFERENZ:"676
734-PF
440 IFFPF<>676734ORGE<>5939THENEND
450 :
460 :
470 REM ***** DATA-MA *****
480 :
490 RESTORE
500 PRINT"WENN DIE RICHTIGE DISKETTE EIN
LIEGT, BITTE EINE TASTE DRUECKEN..."
510 POKE198,0
520 GETA#:IFA#=""THEN520
530 :
540 OPEN1,8,2,"MA-PAC,PRG,WRITE"
550 PRINT#1,CHR$(0)CHR$(48);
560 FORT=1TO5938:READA:PRINT#1,CHR$(A);:
NEXT
570 PRINT#1,CHR$(13):CLOSE1
580 NEW
READY.
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Listing »DATA-PAC« (Schluß)