

# DISCPACK .BAS

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5 SPEED KEY 10,1:KEY DEF 66,0,0,0,0:POKE &BE78,255:POKE >AG
&BE66,1:MEMORY &7D7F
10 MODE 2:LOAD"discpack.cod":LOAD"discpack.scr" >BQ
15 WINDOW#1,2,49,2,14:PAPER#1,0:PEN#1,1:WINDOW#2,51,80, >KD
5,15:PAPER#2,0:PEN#2,1:WINDOW#3,5,44,4,12
20 WINDOW SWAP 1,0 >MA
25 ' >LG
30 CLS#2:CLS:CLEAR:GOSUB 1065:CLS#2:LOCATE#1,2,1:PRINT# >PR
1,STRING$(48,""):LOCATE#1,2,15:PRINT#1,STRING$(48,"")
35 LOCATE#1,53,3:PRINT#1,"X MENU PRINCIPAL " >TX
;"X":PRINT" * * D I S C P A C K Version CPC 464 + DD1
* * "
40 PRINT:PRINT" Faites votre choix :":PRINT:PRINT"16 - >CW
Desassembleur PROGRAMME / ROM.":PRINT"29 - Catalogue
d'une disquette.":PRINT"38 - Restructurer une disquett
e.":PRINT"49 - Explorer une disquette.":PRINT"59 - Ed
iter une disquette."
45 x$=INKEY$:IF x$="1"THEN 55 ELSE IF x$="2"THEN 75 ELS >ZW
E IF x$="3"THEN 455 ELSE IF x$="4"THEN 575 ELSE IF x$="
5"THEN 1075 ELSE 45
50 ' >LE
55 CLS:LOCATE#1,1,1:PRINT#1,"+--ADR--+---CODE---+ASCI- >LM
+---DESASSEMBLAGE---+":LOCATE#1,1,15:PRINT#1,"+-----
--+-----+-----+":LOCATE#1,53,3:PRINT#1,"X DESASSEM
BLER UN PROGRAMME ";X"
60 RESTORE 60:FOR t=6 TO 11:READ a$:LOCATE#1,52,t:PRINT >PJ
#1,a$:NEXT:DATA "Prog. :", " ", "Debut :", "Start :", "Long
. :", "Fin :":
65 POKE &FFB7,&25:CALL &E7CE:RUN"DISCPACK.PR2" >QW
70 ' >LG
75 LOCATE#1,53,3:PRINT#1,"X CATALOGUE D'UNE DISQUETTE " >NG
;"X":LOCATE#1,1,1:PRINT#1,"+Us.-+FICHIERS.EXT--+TYPE-
+--ETATS--+Ko+-Bl1-+":LOCATE#1,1,15:PRINT#1,"+-----+
-----+-----+-----+-----+-----+-----+-----+
80 CLS:CLEAR:GOSUB 1065:RESTORE 80:FOR t=6 TO 12:READ a >VP
$:LOCATE#1,52,t:PRINT#1,a$:NEXT:DATA "Type format:0","N
b fichiers:0","Place libre:0"," ", "Debut :0","Start :0"
,"Long. :0"
85 POKE &DD81,&C9:POKE &DF4D,0:POKE &D7E2,&FF >HF
90 m$="Introduire la disquette a etudier.":GOSUB 285:CA >EL
LL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:IF e=&48 THEN
80 ELSE 25
95 CALL &D7C1:IF PEEK(&FFD0)<>0 THEN CALL &DE53 >NW
100 LOCATE#1,64,6:IF PEEK(&FFD3)=&C1 THEN PRINT#1," DAT >AK
A":pmax=178 ELSE IF PEEK(&FFD3)=&41 THEN pmax=169:PRINT
#1," Vendor"ELSE IF PEEK(&FFD3)=&1 THEN pmax=154:PRINT#
1," IBM"ELSE pmax=0:PRINT" Non reconnu"
105 GOSUB 400 >GK
110 IF PEEK(&FFDA)=0 THEN m$="Disquette vierge.0":GOSUB >WH
285:GOTO 25
115 DIM k(PEEK(&FFD0)+1):p=1:t=1 >AB
120 IF PEEK(39392+p*32+12)>0 THEN p=p+1:GOTO 120 ELSE k >LX
(t)=p:p=p+1
125 IF t=PEEK(&FFD0)THEN k(t+1)=PEEK(&FFDA)+1 ELSE t=t+ >LY
1:GOTO 120
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130 pp=0:CLS >JF
135 p=pp*13+1:FOR f=1 TO 13 >UG
140 IF p>PEEK(&FFD0)THEN 190 ELSE z=39392+k(p)*32 >RY
145 LOCATE 2,f:PRINT"&";HEX$(PEEK(z),2);:LOCATE 8,f >WD
150 FOR t=1 TO 8:PRINT CHR$(PEEK(z+t)AND 127);:NEXT:PRI >HD
NT". ";
155 GOSUB 290 >JB
160 GOSUB 300 >GK
165 LOCATE 19,f:PRINT CHR$(PEEK(z+11)AND 127); >PV
170 LOCATE 39,f:PRINT USING"###K";PEEK(z+17); >PM
175 LOCATE 45,f:PRINT"&";HEX$(PEEK(z+16),2); >NX
180 LOCATE 23,f:IF PEEK(z+31)=255 THEN PRINT" ? ";:GOTO >DW
190
185 IF PEEK(z+18)=0 AND PEEK(z+19)=0 THEN GOSUB 310 ELS >KV
E PRINT"ASCII";:POKE z+18,255
190 p=p+1:NEXT:CALL &BB03:LOCATE 1,1:PRINT">":p=pp*13+1 >VF
:GOSUB 255:f=1
195 x$=UPPER$(INKEY$):IF x$="P"THEN 220 ELSE IF x$="A" >NL
HEN 80 ELSE IF x$="^"AND f>1 THEN t=-1:GOTO 225 ELSE IF
x$="V"THEN 210 ELSE IF x$="D"THEN 215
200 IF x$="!"AND f<13 AND p<PEEK(&FFD0)THEN t=1:GOTO 22 >WV
5 ELSE IF x$="E"THEN 230 ELSE IF x$="R"THEN 320 ELSE IF
x$="S"THEN 350 ELSE IF x$="M"THEN 25 ELSE IF x$="U"AND
PEEK(z)<&E5 THEN 410
205 IF x$="!"AND PEEK(z+18)<255 AND PEEK(z+31)<255 THEN >LY
430 ELSE 195
210 t=PEEK(z+9)XOR 128:FOR a=0 TO k(p+1)-k(p)-1:POKE z+ >BG
9+a*32,t:POKE z+9-2048+a*32,t:NEXT:GOSUB 290:GOTO 195
215 t=PEEK(z+10)XOR 128:FOR a=0 TO k(p+1)-k(p)-1:POKE z >FU
+10+a*32,t:POKE z+10-2048+a*32,t:NEXT:GOSUB 300:GOTO 19
5
220 pp=pp+1:IF pp*13+1>PEEK(&FFD0)THEN 130 ELSE CLS:GOT >EZ
0 135
225 LOCATE 1,f:PRINT" ";:f=f+t:LOCATE 1,f:PRINT">":p=p+ >CG
t:GOSUB 255:GOTO 195
230 t=PEEK(z)XOR &E5:IF t<>0 AND t<>&E5 THEN t=&E5 >RY
235 LOCATE 2,f:PRINT"&";HEX$(t,2);:FOR a=0 TO k(p+1)-k( >AJ
p)-1:POKE z+a*32,t:POKE z-2048+a*32,t:NEXT:GOSUB 300
240 IF t=&E5 THEN POKE &FFDD,PEEK(&FFDD)+1:POKE &FFD1,P >PA
EEK(&FFD1)-PEEK(z+17)ELSE POKE &FFDD,PEEK(&FFDD)-1:POKE
&FFD1,PEEK(&FFD1)+PEEK(z+17)
245 GOSUB 400:GOTO 195 >QQ
250 LOCATE#1,2,16:PRINT#1,m$;"0":RETURN >JK
255 z=39392+k(p)*32:IF PEEK(z+31)=255 THEN FOR t=10 TO >YV
12:LOCATE#1,60,t:PRINT#1," !? : Erreur secteur0":NEXT:R
ETURN
260 IF PEEK(z+18)=255 THEN FOR t=10 TO 12:LOCATE#1,60,t >LP
:PRINT#1," ?0":NEXT:RETURN
265 t=10:z1=PEEK(z+23)+PEEK(z+24)*256:GOSUB 270:t=12:z1 >ZJ
=PEEK(z+26)+PEEK(z+27)*256:GOSUB 270:t=11:z1=PEEK(z+28)
+PEEK(z+29)*256:GOSUB 270:RETURN
270 LOCATE#1,60,t:PRINT#1,"&";HEX$(z1,4);" (" ;z1;)0":R >GW
ETURN
275 e=PEEK(&FFC7):IF e=&48 THEN m$="Pas de disc dans le >KM
lecteur !H"ELSE IF e=&41 THEN m$="Piste non formatee !
H"ELSE IF e=&42 THEN m$="Disc protege en ecriture !H"EL
SE IF e=&44 THEN m$="Format non standard !H"ELSE m$="Er
reur de disquette !H"
280 POKE &BB5A,&C9:CALL &E7BD:POKE &BB5A,&CF:POKE &FFC7 >BV
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0
285 GOSUB 250:CALL &BB03:CALL &BB18:m$="" :GOSUB 250:RET >DH
URN
290 LOCATE 17,f:PRINT CHR$(PEEK(z+9)AND 127);:LOCATE 30 >CD
,f:IF PEEK(z+9)>7F THEN PRINT"R/O";ELSE PRINT"R/W";
295 RETURN >AB
300 LOCATE 18,f:PRINT CHR$(PEEK(z+10)AND 127);:LOCATE 3 >YE
4,f:IF PEEK(z)=&E5 THEN PRINT"Eff"ELSE IF PEEK(z+10)>7
F THEN PRINT"SYS";ELSE PRINT"DIR";
305 RETURN >ZD
310 LOCATE 23,f:IF PEEK(z+20)=0 THEN PRINT"BAS";ELSE IF >HK
PEEK(z+20)=1 THEN PRINT"BASp";ELSE IF PEEK(z+20)=2 THE
N PRINT"BIN";ELSE IF PEEK(z+20)=3 THEN PRINT"BINp";ELSE
PRINT"ASC1";:POKE z+18,255
315 RETURN >ZE
320 m$="Nouveau nom :":GOSUB 250:c$="" :a=0:CALL &BB03 >BW
325 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1,L >UN
EFT$(d$,8);". ";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a-
(a>7),16:PRINT#1,"_"
330 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=LE >FK
FT$(c$,a):GOTO 325 ELSE IF x$=CHR$(13)THEN 335 ELSE IF
x$="."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 325 ELSE I
F x$>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1:GOT
O 325 ELSE 330
335 m$="" :GOSUB 250:IF c$=""THEN 195 ELSE c$=LEFT$(c$+S >NX
PACE$(11),11)
340 LOCATE 8,f:PRINT LEFT$(c$,8);". ";RIGHT$(c$,3);:FOR >ZK
a=0 TO k(p+1)-k(p)-1:FOR b=1 TO 11:POKE z+b+a*32,ASC(MI
D$(c$,b,1)):POKE z-2048+b+a*32,ASC(MID$(c$,b,1)):NEXT:N
EXT
345 GOSUB 290:GOSUB 300:GOTO 195 >ZL
350 m$="Sauvegarde du nouveau catalogue ? (O/N)":GOSUB >RR
250
355 x$=UPPER$(INKEY$):IF x$="N"THEN m$="" :GOSUB 250:GOT >KZ
O 195 ELSE IF x$<"O"THEN 355
360 POKE &FFC7,0:POKE &DE33,&85:CALL &DD50:IF PEEK(&FFC >JC
7)>0 THEN GOSUB 275:GOTO 395
365 POKE &FFCB,&82:POKE &DE33,&84:t=1 >EG
370 z2=39392+k(t)*32:IF PEEK(z2+30)=255 THEN POKE &FFCC >PM
,PEEK(z2+16):CALL &DFA1 ELSE 390
375 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 395 >LZ
380 z1=PEEK(&8244)*256+PEEK(&8243)-PEEK(&8215)-PEEK(&82 >JU
16)+PEEK(z2+23)+PEEK(z2+24):POKE &8215,PEEK(z2+23):POKE
&8216,PEEK(z2+24):POKE &8244,INT(z1/256):POKE &8243,z1
-PEEK(&8244)*256
385 POKE &DE33,&85:CALL &DFA1:POKE &DE33,&84:IF PEEK(&F >ME
FC7)>0 THEN GOSUB 275:GOTO 395
390 t=t+1:IF t<=PEEK(&FFD0)THEN 370 >CX
395 m$="" :GOSUB 250:GOTO 195 >VV
400 w=pmax-PEEK(&FFD1):LOCATE#1,64,8:IF p<0 THEN PRINT# >NM
1," ?0"ELSE PRINT#1,w;"Ko0"
405 LOCATE#1,64,7:w=PEEK(&FFD0)-PEEK(&FFDD):PRINT#1,w;" >UW
+";PEEK(&FFDD);"Eff0":RETURN
410 m$="Nouveau User (sauf &e5): &__":GOSUB 250:a$="" >DE
415 x$=UPPER$(INKEY$):IF x$=""THEN 415 ELSE IF INSTR("0 >QH
123456789ABCDEF",x$)<0 AND LEN(a$)<2 THEN a$=a$+x$:LO
CATE#1,28,16:PRINT#1,a$:GOTO 415
420 IF x$="M"THEN 410 ELSE IF x$=CHR$(13)AND LEN(a$)=2 >QB
THEN 425 ELSE 415
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425 IF VAL("&"+"a$)=&E5 THEN 410 ELSE POKE z,VAL("&"+"a$) >MT
:POKE z-2048,VAL("&"+"a$):LOCATE 2,f:PRINT"&";HEX$(PEEK(
z),2);:m$="" :GOSUB 250:GOTO 195
430 m$="Nouvelle implantation : &__":GOSUB 250:a$="" >JX
435 x$=UPPER$(INKEY$):IF x$=""THEN 435 ELSE IF INSTR("0 >QQ
123456789ABCDEF",x$)<0 AND LEN(a$)<4 THEN a$=a$+x$:LO
CATE#1,27,16:PRINT#1,a$:GOTO 435
440 IF x$="M"THEN 430 ELSE IF x$=CHR$(13)AND LEN(a$)=4 >QM
THEN 445 ELSE 435
445 m$="" :GOSUB 250:z1=VAL("&"+"a$)-(VAL("&"+"a$)<0)*6553 >LK
6:IF PEEK(z+23)+PEEK(z+24)*256=z1 THEN 195 ELSE POKE z+
30,255:POKE z+24,INT(z1/256):POKE z+23,z1-PEEK(z+24)*25
6:GOSUB 265:GOTO 195
450 ' >RK
455 CLS:LOCATE#1,53,3:PRINT#1,"X RESTRUCTURER LA DISQUE >RN
TTE "; "X"
460 CLEAR:GOSUB 1065:POKE &DD01,&C9 >CX
465 PRINT"Faites votre choix !" >GE
470 PRINT:PRINT"1$ - Formatage disquette.":PRINT"2$ - >MY
Corriger catalogue bidon.":PRINT"3$ - Refragmenter di
squette.":PRINT"4$ - Proteger/deproteger fichier Basic
.":PRINT"5$ - Menu principal."
475 x$=UPPER$(INKEY$):IF x$="1"THEN 480 ELSE IF x$="2" >WR
HEN 515 ELSE IF x$="3"THEN 535 ELSE IF x$="M"THEN 25 EL
SE IF x$="4"THEN 1895 ELSE 475
480 p=9:CLS:PRINT"Type de format (formatage 41 pistes) >HB
":PRINT:PRINT"D$ - Data Only":PRINT"V$ - Vendor":PRI
NT"1$ - IBM"
485 x$=UPPER$(INKEY$):IF x$="D"THEN a=&C0 ELSE IF x$="V >KM
"THEN a=&40 ELSE IF x$="I"THEN a=0:p=8 ELSE 485
490 POKE &FFCB,&9A:POKE &FFC8,0:POKE &FFC9,a+1:POKE &FF >KJ
DC,p:POKE &DE33,&86:IF p=9 THEN RESTORE 565 ELSE RESTOR
E 570
495 FOR t=0 TO 40:POKE &9A00+t,0:NEXT:FOR t=1 TO p:READ >WT
c:POKE &9A02+(t-1)*4,a+c:POKE &9A03+(t-1)*4,2:NEXT
500 m$="Inserrer la disquette a formater, non protegee >EA
en ecriture.":GOSUB 285
505 CLS:PRINT"Traitement Piste : /&29":LOCATE 1,1 >CM
510 POKE &A8A0,p:CALL &E6E4:IF PEEK(&FFC7)>0 THEN GOSUB >ZW
275:GOTO 455 ELSE 455
515 CLS:m$="Inserrer la disquette a modifier, non proteg >HE
ee en ecriture.":GOSUB 285
520 CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455 >YQ
525 CALL &D7C1:IF PEEK(&FFD0)=0 THEN m$="Pas de catalog >PY
ue .":GOSUB 285:GOTO 455 ELSE POKE &DE33,&85:POKE &DD57
,&9A
530 CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455 >GB
ELSE 455
535 CLS:m$="Inserrer la disquette a restructurer, non pr >ME
otegee en ecriture.":GOSUB 285:POKE &DF4D,0
540 CALL &E550:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455 >CC
ELSE IF PEEK(&FFD0)=255 THEN m$="Disquette non standar
d DATA ou Vendor .Operation impossible !":GOSUB 285:GO
TO 455
545 CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455 >YY
550 CALL &D7C1:IF PEEK(&FFD0)=0 THEN m$="Pas de catalog >KA
ue .":GOSUB 285:GOTO 455
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555 PRINT"Traitement Bloc : /";:IF PEEK(&FFD2)=0 TH >TV
EN PRINT"&B3"ELSE PRINT"&AA"
560 LOCATE 1,1:CALL &E586:IF PEEK(&FFC7)>0 THEN GOSUB 2 >XC
75:GOTO 455 ELSE 455
565 DATA 1,6,2,7,3,8,4,9,5 >TK
570 DATA 1,5,2,6,3,7,4,8 >QH
575 ' >TH
580 CLS:CLS#2:CLEAR:GOSUB 1065:POKE &DD81,&C9:LOCATE#1, >AL
53,3:PRINT#1,"XEXPLORATION D'UNE DISQUETTE";"X"
585 PRINT"Faites votre choix :":PRINT:PRINT"1$ - Capac >ZU
ite d'une disquette protegee.":PRINT"2$ - Occupation p
ar bloc.":PRINT"3$ - Exploration par piste.":PRINT"4$
- Menu principal."
590 x$=UPPER$(INKEY$):IF x$="1"THEN 595 ELSE IF x$="2" >EE
HEN 720 ELSE IF x$="3"THEN 850 ELSE IF x$="M"THEN 25 EL
SE 590
595 FOR t=&A200 TO &A2B6:POKE t,0:NEXT:CLS:m$="Introdui >LV
re la disquette a analyser.":GOSUB 285:CALL &DD50
600 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 ELSE IF PE >UX
EK(&FFD2)=1 THEN m$="Format IBM. Operation non permise
.":GOSUB 285:GOTO 580 ELSE IF PEEK(&FFD2)=0 THEN POKE &
FFD8,&B4:v=178 ELSE POKE &FFD8,&AB:v=169
605 CALL &D7C1:l=0:FOR z=39440 TO 41456 STEP 32:IF PEEK >RT
(z)&E5 THEN FOR t=0 TO 15:l=l-(PEEK(z+t)>0):NEXT
606 NEXT >EH
610 m$="Voulez vous un formatage des pistes non formate >PL
es ?":GOSUB 250
615 x$=UPPER$(INKEY$):IF x$="N"THEN m$="":GOSUB 250:GOT >KR
0 640 ELSE IF x$<"0"THEN 615
620 m$="":GOSUB 250:FOR t=&A300 TO &A328:POKE t,0:NEXT: >WG
RESTORE 620:FOR t=1 TO 9:READ c:POKE &A302+(t-1)*4,PEEK
(&FFD3)+c:POKE &A303+(t-1)*4,2:NEXT:DATA 0,5,1,6,2,7,3,
8,4
625 POKE &FFC8,0:POKE &FFC9,PEEK(&FFD3):PRINT"Test form >YT
at piste : /&29";:CALL &DFAF
630 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 >LN
635 PRINT >PG
640 PRINT"Test bloc courant : /&";HEX$(PEEK(&FFD8)-1) >XG
;:CALL &E746
645 CLS:PRINT"Place libre :":PRINT"Catalogue :";64-PEEK >CV
(&FFD0);"fichiers":PRINT"Disquette :";PEEK(&FFD1);"Ko"
650 v=v-PEEK(&FFD1)-1:f=INT(v/16)+1:IF v=0 OR f+PEEK(&F >WP
FD0)>64 THEN m$="Conforme au catalogue.":GOSUB 285:GOTO
580
655 m$="Voulez vous la sauvegarde du catalogue modifie >JW
?":GOSUB 250
660 x$=UPPER$(INKEY$):IF x$="N"THEN 580 ELSE IF x$<"0" >HT
THEN 660
665 m$="":GOSUB 250:z=&9A00+PEEK(&FFD0)*32:z2=&A202:POK >DX
E z2-2+PEEK(&FFD8),255
670 FOR t=0 TO f-1:RESTORE 670:FOR k=0 TO 15:READ c:POK >JJ
E z+k,c:NEXT:POKE z+12,t:DATA 0,85,84,73,76,73,83,69,32
,32,32,32,0,0,0,0
675 n=0 >QD
680 IF PEEK(z2)=1 THEN n=n+1:POKE z+15+n,z2-&A200 >RC
685 IF PEEK(z2)=255 THEN 700 ELSE z2=z2+1 >GU
690 IF n=16 THEN POKE z+15,&00 ELSE 680 >DJ
695 z=z+32:NEXT >LW
700 POKE z+15,n*8 >LD
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705 n=n+1:IF n=17 THEN 710 ELSE POKE z+15+n,0:GOTO 705 >WV
710 POKE &DD57,&9A:POKE &FFC7,0:POKE &DE33,&85:CALL &DD >AY
50
715 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 655 ELSE 580 >VW
720 CLS:SYMBOL 255,1,1,1,1,1,1,255:SYMBOL 254,168,84, >MD
168,84,168,84,168,0:SYMBOL 253,254,254,254,254,254,
254,0
725 PRINT:PRINT" ++++++ >CK
+++++":FOR t=9 TO 1 STEP-1:PRINT USING" #";t;:PRINT
SPACE$(42);"!":NEXT:PRINT" ++++++
+++++":PRINT" 0 10 20
30 40";
730 CLS#3:RESTORE 730:FOR t=6 TO 15:READ a$:LOCATE#1,52 >CB
,t:PRINT#1,a$:NEXT:DATA "Format :0","Fichiers :0","In
occupe :0"," ","Piste :0","Secteur :0","Bloc :0
"," ","Nom Prog.:0","Longueur :0"
735 m$="Introduire la disquette a analyser.":GOSUB 285: >BL
CALL &DD50
740 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 >LQ
745 CALL &D7C1:IF PEEK(&FFD0)<0 THEN CALL &ED50 >PJ
750 LOCATE#1,62,6:IF PEEK(&FFD3)=&C1 THEN PRINT#1," DAT >WT
A0":pmax=178 ELSE IF PEEK(&FFD3)=&41 THEN pmax=169:PRIN
T#1," Vendor0"ELSE pmax=154:PRINT#1," IBMO"
755 LOCATE 4+PEEK(&FFD2),8:PRINT"d-!i-!r-!" >PR
760 LOCATE#1,62,7:PRINT#1,PEEK(&FFD0):LOCATE#1,62,8:PRI >PA
NT#1,pmax-PEEK(&FFD1);"Ko"
765 IF PEEK(&FFD0)=0 THEN m$="Disquette vierge .":GOSUB >XJ
285:GOTO 575
770 POKE &FFE1,254:FOR t=1 TO PEEK(&FFD0):POKE &FFE0,t: >UG
CALL &EDB5:NEXT
775 LOCATE 1,1:PRINT CHR$(23)+CHR$(1):pst=PEEK(&FFD2):s >LQ
ct=1:GOSUB 795:cd=0:gel=0
780 x$=UPPER$(INKEY$):IF x$="-"THEN GOSUB 800:pst=pst-1 >VY
:GOSUB 815:GOSUB 795 ELSE IF x$="-"THEN GOSUB 800:pst=p
st+1:GOSUB 815:GOSUB 795 ELSE IF x$="-"THEN GOSUB 800:s
ct=sct+1:GOSUB 810:GOSUB 795 ELSE IF x$="-"THEN GOSUB 8
00:sct=sct-1:GOSUB 810:GOSUB 795
785 IF x$="G"THEN GOSUB 840 ELSE IF x$="M"THEN 575 ELSE >UH
IF x$="Y"THEN 1020
790 GOTO 780 >AH
795 blc=INT(((pst-PEEK(&FFD2))*9+sct-1)/2):LOCATE#1,62, >EU
10:PRINT#1,pst:LOCATE#1,62,11:PRINT#1,"&";HEX$(PEEK(&FF
D3)+sct-1):LOCATE#1,62,12:PRINT#1,"&";HEX$(blc,2):IF PE
EK(&9200+blc)<0 THEN GOSUB 825
800 TAG:MOVE 32+pst*8,206+sct*16:PRINT CHR$(255);:TAGOF >CB
F
805 RETURN >ZJ
810 IF sct=10 THEN sct=1:pst=pst+1 ELSE IF sct=0 THEN s >UN
ct=9:pst=pst-1
815 IF pst<PEEK(&FFD2)THEN pst=39 ELSE IF pst>39 THEN p >TC
st=PEEK(&FFD2)
820 RETURN >ZF
825 IF gel=1 THEN RETURN ELSE IF cd=0 THEN 830 ELSE POK >VN
E &FFE0,cd:POKE &FFE1,254:CALL &EDB5
830 cd=PEEK(&9200+blc):IF cd<0 THEN POKE &FFE0,cd:POKE >CP
&FFE1,253:CALL &EDB5:LOCATE#1,62,15:PRINT#1,PEEK(&FFE2
);"Ko":CALL &EE08 ELSE LOCATE#1,62,14:PRINT#1,"0":LOCA
TE#1,62,15:PRINT#1,"0"
835 RETURN >AB
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840 IF gel=0 THEN gel=1:LOCATE 45,1:PRINT"Gel":RETURN >AC
845 gel=0:LOCATE 45,1:PRINT " ":IF PEEK(&9200+b1c)<>DV
THEN GOSUB 800:GOSUB 825:GOSUB 800:RETURN ELSE RETURN
850 CLS:PRINT " ";CHR$(157);SPACE$(42);CHR$(149):FOR t= >ZD
9 TO 1 STEP-1:PRINT USING" #+";t;:PRINT SPACE$(42);"!":
NEXT:PRINT" ++++++
++"
855 SYMBOL 255,126,90,74,82,90,90,126,0:SYMBOL 254,8,64 >UW
,72,96,104,120,126,0:SYMBOL 253,126,102,90,90,90,102,12
6,0:SYMBOL 252,126,118,102,118,118,118,126,0:SYMBOL 251
,126,102,90,118,110,66,126,0:SYMBOL 250,126,66,122,102,
122,70,126,0
860 SYMBOL 249,126,118,110,90,66,122,126,0:SYMBOL 248,1 >LJ
26,66,94,70,122,70,126,0:SYMBOL 247,126,70,122,102,110,
110,126,0:SYMBOL 246,126,70,94,78,94,70,126,0:SYMBOL 24
5,126,122,114,102,78,94,126,0
865 m$="Introduire la disquette a analyser.":GOSUB 285: >KB
LOCATE 1,13:PRINT"Exploration piste: /&29":LOCATE 1
,13
870 CALL &EED:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 >JF
ELSE LOCATE 1,13:PRINT"0";
875 LOCATE 1,13:PRINT"Format: Piste: Secteu >JK
rs:":LOCATE 9,13:IF PEEK(&A89F)=&41 THEN PRINT"Vendor"
;ELSE IF PEEK(&A89F)=&C1 THEN PRINT"DATA";ELSE PRINT"IB
M";
880 pst=0:z=33280:ref=PEEK(&A89F) >CR
885 n=PEEK(z):IF n=255 THEN z=z+1:GOTO 935 >KB
890 IF n>10 THEN LOCATE pst+4,1:PRINT CHR$(254);:mx=9 E >JA
LSE mx=n
895 z=z+1:FOR t=1 TO mx >RG
900 IF PEEK(z)<>pst THEN s=253-PEEK(z+3):GOTO 925 >TV
905 IF PEEK(z+1)>0 THEN s=253-PEEK(z+3):GOTO 925 >QL
910 IF ABS(PEEK(z+2)-ref)>8 THEN s=253-PEEK(z+3):GOTO 9 >BD
25
915 IF PEEK(z+3)<>2 THEN s=253-PEEK(z+3):GOTO 925 >RY
920 s=255 >DG
925 LOCATE pst+4,11-t:PRINT CHR$(MAX(247,s)); >PG
930 z=z+4:NEXT:z=z+4*(n-mx) >XC
935 pst=pst+1:IF pst<42 THEN 885 >AU
940 pst=0:LOCATE 4,12:PRINT"!":GOSUB 970 >JD
945 x$=UPPER$(INKEY$):IF x$="-"AND pst>0 THEN LOCATE 4+ >UY
pst,12:PRINT" ":pst=pst-1:LOCATE 4+pst,12:PRINT"!":GOSU
B 970
950 IF x$="-"AND pst<41 THEN LOCATE 4+pst,12:PRINT" ":p >NR
st=pst+1:LOCATE 4+pst,12:PRINT"!":GOSUB 970
955 IF x$="W"AND PEEK(z)<>255 THEN 975 >ER
960 IF x$="M"THEN 575 ELSE IF x$="C"THEN 1020 >KU
965 GOTO 945 >BE
970 CALL &EF2B,pst:z=PEEK(&FFCB)*256+PEEK(&FFCA):LOCATE >GM
23,13:PRINT USING"###";pst;:LOCATE 37,13:IF PEEK(z)=255
THEN PRINT" No format.":RETURN ELSE PRINT USING"##
";PEEK(z);:RETURN
975 CLS#2:PRINT#2:PRINT#2,"No Pt Hd Sc Lg Warning"; >DQ
980 z2=z+1 >PF
985 k=0:FOR t=1 TO PEEK(z) >UQ
990 PRINT#2:PRINT#2,USING"## cc cc cc cc ";t;HEX$(PEEK >GE
(z2),2);HEX$(PEEK(z2+1),2);HEX$(PEEK(z2+2),2);HEX$(PEEK
(z2+3),2);
995 IF PEEK(z2)<>pst OR PEEK(z2+3)>5 THEN PRINT#2,"DE " >AU
;
1000 IF PEEK(z2+1)<>0 THEN PRINT#2,"BH"; >GV
1005 z2=z2+4:k=k+1:IF k=9 THEN IF t<PEEK(z)THEN CALL &B >LM
B03:CALL &BB18:CLS#2:PRINT#2:PRINT#2,"No Pt Hd Sc Lg W
arning";:k=0
1010 NEXT >KD
1015 CALL &BB03:CALL &BB18:CLS#2:GOTO 945 >HN
1020 a=pst:pst=0:z=33280:LOCATE 37,13:PRINT" >BZ
";
1025 LOCATE 23,13:PRINT USING"###";pst;:n=PEEK(z):IF n=2 >ZN
55 THEN z=z+1:GOTO 1060 ELSE POKE &FFC8,pst:CALL &EF49:
OUT &FA7E,1
1030 z=z+1:FOR t=1 TO MIN(n,10) >YR
1035 OUT &FB7F,&46:OUT &FB7F,0:OUT &FB7F,pst:OUT &FB7F, >JK
0:OUT &FB7F,PEEK(z+2):OUT &FB7F,PEEK(z+3):OUT &FB7F,PEE
K(z+2):OUT &FB7F,42:OUT &FB7F,PEEK(z+3):CALL &EF71
1040 r0=INP(&FB7F):r1=INP(&FB7F):r2=INP(&FB7F):FOR i=1 >FC
TO 4:k=INP(&FB7F):NEXT
1045 IF r0=64 AND r2=0 AND r1=128 THEN 1055 ELSE IF r0= >WZ
0 AND r2=64 AND r1=0 THEN s=246 ELSE s=245
1050 IF t<10 THEN LOCATE 4+pst,11-t:PRINT CHR$(s);ELSE >MZ
IF n=10 THEN LOCATE 4+pst,11-t:PRINT CHR$(s);
1055 z=z+4:NEXT:IF n>10 THEN z=z+4*(n-10) >JX
1060 pst=pst+1:IF pst<42 THEN 1025 ELSE pst=a:GOSUB 970 >KK
:GOTO 945
1065 DEFINT a-y:m$="":GOSUB 250 >YX
1070 POKE &FFC6,0:POKE &FFC7,0:POKE &FFCA,0:POKE &FFCB, >DR
&92:POKE &FFD0,0:POKE &FFD1,0:POKE &FFDA,0:POKE &FFDD,0
:POKE &FFDF,0:POKE &FFE2,0:POKE &DD81,&21:POKE &DE33,&8
4:POKE &DD57,&92:POKE &DF4D,&77:POKE &D7E2,&E5:RETURN
1075 ' >YF
1080 LOCATE#1,53,3:PRINT#1,"XEDITER/DUMPER UNE DISQUETT >MH
E";"X"
1085 CLS:CLS#2:CLEAR:GOSUB 1065:POKE &DD81,&C9:PRINT"Fa >JE
ites votre choix : "
1090 PRINT:PRINT"1$ - Editer une piste.":PRINT"2$ - E >KD
diter un bloc.":PRINT"3$ - Editer un programme.":PRINT
"4$ - Menu principal."
1095 x$=UPPER$(INKEY$):IF x$="M"THEN 25 ELSE IF x$="1" >NH
HEN 1100 ELSE IF x$="2"THEN 1235 ELSE IF x$="3"THEN 147
5 ELSE 1095
1100 CLS:pst=0 >BE
1105 GOSUB 1365:GOSUB 1435 >UE
1110 LOCATE#2,10,2:PRINT#2,USING"X##X";pst >MB
1115 x$=UPPER$(INKEY$):IF x$="-"THEN pst=pst-1:GOSUB 13 >KA
00:GOTO 1110 ELSE IF x$="-"THEN pst=pst+1:GOSUB 1300:GO
TO 1110 ELSE IF x$="W"THEN LOCATE#2,10,2:PRINT#2,USING
"##";pst ELSE IF x$="M"THEN 1085 ELSE 1115
1120 POKE &FFC8,pst:POKE &FFCB,&A2:CALL &EE4B >NF
1125 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1110 >MQ
1130 LOCATE#2,13,2:PRINT#2,"->";PEEK(&A200);"sect. " >XD
1135 z=41472:sc=1 >LJ
1140 LOCATE#2,10,3:PRINT#2,USING"X##X";sc;:GOSUB 1230 >ZK
1145 x$=UPPER$(INKEY$):IF x$="-"THEN sc=sc-1:GOSUB 1220 >UJ
:GOTO 1140 ELSE IF x$="-"THEN sc=sc+1:GOSUB 1220:GOTO 1
140 ELSE IF x$="W"THEN adr=0 ELSE IF x$="M"THEN 1105 EL
SE 1145
1150 LOCATE#2,10,3:PRINT#2,USING"###";sc >HL
1155 GOSUB 1425:GOSUB 1435 >UG
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1160 LOCATE#2,11,5:IF r0=64 AND r2=0 AND r1=128 THEN PR >HB
INT#2,"NON"ELSE IF r0=0 AND r2=64 AND r1=0 THEN PRINT#2
,"OUI"ELSE m$="Impossible de charger ce secteur !":GOSU
B 285:GOTO 1140
1165 CLS:GOSUB 1310 >NU
1170 z=41472:IF x$="M"THEN CLS:GOTO 1140 ELSE IF x$="L" >VV
THEN CLS:GOTO 1155
1175 IF x$="S"THEN sc=sc+1 ELSE IF x$="P"THEN sc=sc-1 E >MC
LSE IF x$="R"THEN 1780 ELSE 1205
1180 CLS:adr=0:IF sc>0 AND sc<PEEK(z)+1 THEN GOSUB 1230 >KK
:GOTO 1150
1185 GOSUB 1365:IF sc>PEEK(z)THEN pst=pst+1 ELSE pst=ps >FX
t-1
1190 GOSUB 1300 >WH
1195 LOCATE#2,10,2:PRINT#2,USING"###";pst:POKE &FFC8,pst >DR
:POKE &FFCB,&A2:CALL &EE4B:IF PEEK(&FFC7)>0 THEN GOSUB
275:GOTO 1110
1200 LOCATE#2,13,2:PRINT#2,"->";PEEK(&A200);"sect.":IF >CR
sc=0 THEN sc=PEEK(&A200):GOTO 1180 ELSE sc=1:GOTO 1180
1205 IF x$="E"THEN POKE &EFA1,&7E:POKE &EFA2,&ED:POKE & >PF
EFA3,&79:m$="Ecrire donnees effacees ? (O/N)":GOSUB 250
1210 x$=UPPER$(INKEY$):IF x$="O"THEN cd=&49 ELSE IF x$= >CR
"N"THEN cd=&45 ELSE 1210
1215 m$="":GOSUB 250:GOTO 1155 >XF
1220 IF sc=0 THEN sc=PEEK(z)ELSE IF sc>PEEK(z)THEN sc=1 >AK
1225 RETURN >FD
1230 sct=PEEK(z+sc*4-1):LOCATE#2,13,3:PRINT#2,"-> &";HE >JM
X$(sct,2):lg=PEEK(z+sc*4):LOCATE#2,10,4:PRINT#2,USING"#"
# "->";lg:IF lg<6 THEN l=2^lg*128:PRINT#2,l;"octets0":R
ETURN ELSE PRINT#2," ?? octets0":RETURN
1235 CLS:m$="Introduire la disquette a editer.":GOSUB 2 >RX
85:CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1085
1240 blm=&B1-PEEK(&FFD2)*4.5:bl=0:FOR t=0 TO blm:POKE 4 >UN
1472+t,t+2:NEXT
1245 z=41472:GOSUB 1405:LOCATE#2,11,3:IF PEEK(&FFD2)=0 >HV
THEN PRINT#2,"ODATA"ELSE IF PEEK(&FFD2)=2 THEN PRINT#2,
"OVendor"ELSE PRINT#2,"ONon standard":CALL &BB03:CALL &
BB18:GOTO 1085
1250 GOSUB 1405 >XA
1255 LOCATE#2,11,2:PRINT#2,"X&";HEX$(PEEK(z+bl),2);"X" >ZV
1260 x$=UPPER$(INKEY$):IF x$="-"THEN bl=bl-1:GOSUB 1410 >UV
:GOTO 1255 ELSE IF x$="-"THEN bl=bl+1:GOSUB 1410:GOTO 1
255 ELSE IF x$="W"THEN adr=0 ELSE IF x$="N"THEN 1085 EL
SE 1260
1265 GOSUB 1405:LOCATE#2,11,2:PRINT#2,"&";HEX$(PEEK(z+b >CB
l),2):POKE &FFCB,&82:POKE &FFCC,PEEK(z+bl):CALL &EFEB:P
OKE &DE33,&84:IF PEEK(&FFC7)>0 THEN m$="Bloc non standa
rd. Impossible de le charger.":GOSUB 285:POKE &FFC7,0:G
OTO 1250
1270 blt=PEEK(z+bl)*2+9*PEEK(&FFD2):pst=FIX(blt/9):sct= >FA
blt MOD 9+PEEK(&FFD3)
1275 LOCATE#2,11,4:PRINT#2,USING"###";pst:LOCATE#2,11,5: >TF
PRINT#2,HEX$(sct,2):sct=sct+1:IF(sct AND 15)=10 THEN sc
t=sct-9:pst=pst+1
1280 l=1024:LOCATE#2,13,4:PRINT#2,USING" - ##";pst:LOCA >AF
TE#2,13,5:PRINT#2," - ";HEX$(sct,2)

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1285 GOSUB 1310 >XD
1290 z=41472:IF x$="M"THEN CLS:GOTO 1250 ELSE IF x$="L" >BH
THEN CLS:GOTO 1265 ELSE IF x$="S"THEN CLS:bl=bl+1:adr=0
:GOSUB 1410:GOTO 1265 ELSE IF x$="P"THEN CLS:adr=0:bl=b
l-1:GOSUB 1410:GOTO 1265 ELSE IF x$="R"THEN 1710
1295 IF x$="E"THEN POKE &DE33,&85:GOTO 1265 ELSE 1290 >UA
1300 IF pst=-1 THEN pst=41 ELSE IF pst=42 THEN pst=0 >VK
1305 RETURN >FC
1310 CLS:FOR t=0 TO 12:POKE &B285,t+1:CALL &EFA7,adr+t* >GH
8:NEXT
1315 x$=UPPER$(INKEY$):IF x$=" "THEN 1315 ELSE IF x$="!" >AQ
AND adr>0 THEN adr=adr-8:POKE &B285,0:CALL &EFA7,adr EL
SE IF x$="!"AND adr+104<1 THEN adr=adr+8:POKE &B285,14:
CALL &EFA7,adr+96 ELSE IF x$="W"THEN 1325 ELSE IF INSTR
("MLESPR",x$)<0 THEN RETURN
1320 IF x$="D"THEN 1440 ELSE IF x$="F"THEN 1615 ELSE IF >JE
x$="B"THEN 1645 ELSE IF x$="C"THEN 1655 ELSE IF x$="Z"
THEN CALL &F5C1,&9200,4096,0:GOTO 1315 ELSE 1315
1325 li=0:co=0:ec=0:z=33280+adr:GOSUB 1370:GOSUB 1390 >YJ
1330 x$=UPPER$(INKEY$):IF x$=" "THEN 1330 ELSE IF x$="!" >LK
AND ec=0 THEN GOSUB 1375:li=li-1:GOSUB 1385:GOSUB 1370
ELSE IF x$="!"AND ec=0 THEN GOSUB 1375:li=li+1:GOSUB 13
85:GOSUB 1370
1335 IF x$="-"AND ec=0 THEN GOSUB 1375:co=co-1:GOSUB 13 >ZV
80:GOSUB 1370 ELSE IF x$="-"AND ec=0 THEN GOSUB 1375:co
=co+1:GOSUB 1380:GOSUB 1370
1340 IF INSTR("0123456789ABCDEF",x$)<0 THEN IF ec=0 TH >MY
EN ec=1:LOCATE 8+co*3,li+1:PRINT"x";x$;"*X";y$=x$ELSE
ec=0:y$=y$+x$:LOCATE 8+co*3,li+1:PRINT y$;POKE z+co+li
*8,VAL("&"+y$):GOSUB 1395:co=co+1:GOSUB 1380:GOSUB 1370
1345 IF x$="W"THEN GOSUB 1375:GOSUB 1415 ELSE 1330 >RW
1350 x$=INKEY$:IF x$="-"THEN GOSUB 1395:co=co-1:GOSUB 1 >GG
380:GOSUB 1415 ELSE IF x$="-"THEN GOSUB 1395:co=co+1:GO
SUB 1380:GOSUB 1415 ELSE IF x$="!"THEN GOSUB 1395:li=li
-1:GOSUB 1385:GOSUB 1415 ELSE IF x$="!"THEN GOSUB 1395:
li=li+1:GOSUB 1385:GOSUB 1415
1355 IF x$>CHR$(31)AND x$<CHR$(128)THEN POKE z+co+li*8, >BE
ASC(x$):GOSUB 1375:GOSUB 1395:co=co+1:GOSUB 1380:GOSUB
1415 ELSE IF x$="W"THEN GOSUB 1395:LOCATE#2,11,7:PRINT#
2,"0":GOTO 1315
1360 GOTO 1350 >MG
1365 LOCATE#2,1,2:PRINT#2,"Piste : ":PRINT#2,"Secteur >CV
: ":PRINT#2,"Longueur: ":PRINT#2,"Efface : ":PRINT#2:
PRINT#2,"Adresse : ":RETURN
1370 LOCATE 8+co*3,li+1:PRINT" ";HEX$(PEEK(z+co+li*8),2 >UK
);" ";RETURN
1375 LOCATE 8+co*3,li+1:PRINT HEX$(PEEK(z+co+li*8),2); >KE
RETURN
1380 IF co=-1 THEN co=7:li=li-1 ELSE IF co=8 THEN co=0: >FF
li=li+1
1385 IF li=13 THEN li=0 ELSE IF li=-1 THEN li=12 >NX
1390 LOCATE#2,11,7:PRINT#2,HEX$(adr+co+li*8,4):RETURN >AK
1395 LOCATE 34+co,li+1:IF PEEK(z+co+li*8)>31 AND PEEK(z >TF
+co+li*8)<128 THEN PRINT CHR$(PEEK(z+co+li*8));ELSE PRI
NT". ";
1400 RETURN >EJ
1405 LOCATE#2,1,2:PRINT#2,"Bloc :0":PRINT#2,"Format >AN
: ":PRINT#2,"Piste :0":PRINT#2,"Secteur :0":PRINT#2:P

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RINT#2,"Adresse :0":RETURN
1410 IF bl>blm THEN bl=0:RETURN ELSE IF bl=-1 THEN bl=b >CB
lm:RETURN ELSE RETURN
1415 LOCATE 34+co,li+1:IF PEEK(z+co+li*8)>31 AND PEEK(z >LX
+co+li*8)<128 THEN PRINT"X";CHR$(PEEK(z+co+li*8));"X";E
LSE PRINT"X.X";
1420 RETURN >FA
1425 z4=&FB7F:POKE &FFC8,pst:CALL &EF49:OUT z4,cd:OUT z >TP
4,0:OUT z4,pst:OUT z4,0:OUT z4,sct:OUT z4,lg:OUT z4,sct
:OUT z4,42:OUT z4,lg:CALL &EF8B
1430 r0=INP(z4):r1=INP(z4):r2=INP(z4):FOR i=1 TO 4:k=IN >AY
P(z4):NEXT:RETURN
1435 POKE &EFA1,&ED:POKE &EFA2,&78:POKE &EFA3,&77:POKE >FX
&EF8E,&82:cd=&46:RETURN
1440 CLS:LOCATE#1,1,1:PRINT#1,"---ADR----CODE----ASC >YC
l+----DESASSEMBLAGE-----+":LOCATE#1,1,15:PRINT#1,"+---
-----+-----+-----+":CALL &81A7
1445 IF prog=0 THEN CALL &D708,&8200,&81FF+1,&8200,&820 >DU
0+adr:POKE &FFCD,&42:CALL &D646:GOTO 1470
1450 PRINT"16 - Adresse courante du bloc.":PRINT"26 - >NV
Adresse reelle du programme"
1455 x$=INKEY$:IF x$="1"THEN CALL &D708,&8200,&81FF+1,& >KR
8200,&8200+adr:POKE &FFCD,&42:CALL &D646:GOTO 1470 ELSE
IF x$<>"2"THEN 1455
1460 z=PEEK(&8615)+PEEK(&8616)*256+1024*b1-128-33280 >VZ
1465 CALL &D708,ABS(z),&81FF+1,&8200,&8200+adr:IF z<0 T >HM
HEN POKE &FFCD,&42:CALL &D646 ELSE POKE &FFCD,&4A:CALL
&D646
1470 CLS:LOCATE#1,2,1:PRINT#1,STRING$(48,"-"):LOCATE#1, >RW
2,15:PRINT#1,STRING$(48,"-"):CALL &81A7:CALL &BB03:GOTO
1310
1475 CLS:m$="Nom du prog. ":GOSUB 250:c$="":a=0:CALL & >GA
BB03
1480 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1, >WP
LEFT$(d$,8);". ";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a
-(a>7),16:PRINT#1,"_"
1485 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=L >ZL
EFT$(c$,a):GOTO 1480 ELSE IF x$=CHR$(13)THEN 1490 ELSE
IF x$="."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 1480 EL
SE IF x$>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1
:GOTO 1480 ELSE 1485
1490 IF c$=""THEN 1075 ELSE c$=LEFT$(c$+SPACE$(11),11): >TX
FOR t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
1495 m$="Introduire la disquette programme.":GOSUB 285 >NF
:CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1075
1500 CALL &D7C1:FOR t=0 TO 63:POKE &9200+t*16,0:NEXT:CA >FB
LL &F550:IF PEEK(&FFC6)=0 THEN m$="Programme non trouve
!":GOSUB 285:GOTO 1075
1505 PRINT"Blocs : ";t=0:WHILE PEEK(&9200+t)<>0:PRINT" >QA
&";HEX$(PEEK(&9200+t),2);" ";t=t+1:WEND:blm=t-1:FOR t=
0 TO blm:POKE 41472+t,PEEK(&9200+t):NEXT
1510 POKE &FFC8,PEEK(&A200):POKE &FFC8,&86:CALL &EFEB:I >CA
F PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1075
1515 CALL &BB03:CALL &BB18:CLS:prog=1:GOTO 1245 >QT
1520 LOCATE#2,1,9:PRINT#2,"Debut.":PRINT#2,"Fin.":P >CZ
RINT#2,"Long. ";
1525 m$="Choisissez l'adresse d'origine.":GOSUB 250:adr >BV
l=adr:li1=0:col=0:GOSUB 1565
1530 x$=INKEY$:IF x$="!"THEN GOSUB 1570:li1=li1-1:GOSUB >VL
1565:GOSUB 1565 ELSE IF x$="!"THEN GOSUB 1570:li1=li1+
1:GOSUB 1590:GOSUB 1565 ELSE IF x$="-"AND col>0 THEN GO
SUB 1570:col=col-1:GOSUB 1565 ELSE IF x$="-"AND col<7 T
HEN GOSUB 1570:col=col+1:GOSUB 1565
1535 IF x$<>"W"THEN 1530 >RY
1540 IF rr=1 THEN rr=0:RETURN >YB
1545 CALL &BB03:m$="Choisissez l'adresse de fin.":GOSUB >VP
250:adr2=adr1:li2=li1:col2=col:GOSUB 1575
1550 x$=INKEY$:IF x$="!"AND adr2-8+li2*8+col2>adr1+li1* >YG
8+col1 THEN GOSUB 1580:li2=li2-1:GOSUB 1600:GOSUB 1575 E
LSE IF x$="!"THEN GOSUB 1580:li2=li2+1:GOSUB 1600:GOSUB
1575
1555 IF x$="-"AND col2<7 THEN GOSUB 1580:col2=col2+1:GOSUB >CR
1575 ELSE IF x$="-"AND adr2-1+li2*8+col2>adr1+li1*8+co
l1 AND col2>0 THEN GOSUB 1580:col2=col2-1:GOSUB 1575 ELSE I
F x$="W"THEN RETURN
1560 GOTO 1550 >NA
1565 LOCATE 7+col*3,li1+1:PRINT"-";:LOCATE#2,9,9:PRINT# >XL
2,HEX$(adr1+li1*8+col,4):RETURN
1570 LOCATE 7+col*3,li1+1:PRINT" ";:RETURN >MD
1575 LOCATE 10+col*3,li2+1:PRINT"-";:LOCATE#2,9,10:PRIN >XB
T#2,HEX$(adr2+li2*8+col,4):LOCATE#2,9,11:PRINT#2,HEX$(a
dr2+li2*8+col2-adr1-li1*8-col1+1,4);:RETURN
1580 LOCATE 10+col*3,li2+1:PRINT" ";:RETURN >MZ
1585 IF li1=-1 THEN li1=0:IF adr1>0 THEN adr1=adr1-8:PO >GU
KE &B285,0:CALL &EFA7,adr1
1590 IF li1=13 THEN li1=12:IF adr1+104<1 THEN adr1=adr1 >WQ
+8:POKE &B285,14:CALL &EFA7,adr1+96
1595 RETURN >GD
1600 IF li2=-1 THEN li2=0:adr2=adr2-8:POKE &B285,0:CALL >GE
&EFA7,adr2:IF adr2=adr1+li1*8 THEN LOCATE 7+col*3,1:PR
INT"-";:RETURN
1605 IF li2=13 THEN li2=12:IF adr2+104<1 THEN adr2=adr2 >WU
+8:POKE &B285,14:CALL &EFA7,adr2+96
1610 RETURN >FB
1615 GOSUB 1520 >XD
1620 m$="Octet de remplissage : &_":GOSUB 250:a$="" >DQ
1625 x$=UPPER$(INKEY$):IF x$=""THEN 1625 ELSE IF INSTR( >WF
"0123456789ABCDEF",x$)<>0 AND LEN(a$)<2 THEN a$=a$+x$:
LOCATE#1,26,16:PRINT#1,a$:GOTO 1625
1630 IF x$="M"THEN 1620 ELSE IF x$=CHR$(13)AND LEN(a$)= >VU
2 THEN 1635 ELSE 1625
1635 CALL &F5C1,33280+adr1+li1*8+col,adr2+li2*8+col2-adr >HD
1-li1*8-col1+1,VAL("&"+a$)
1640 m$="":GOSUB 250:LOCATE#2,1,9:PRINT#2,"0":PRINT#2," >JJ
0":PRINT#2,"0";:GOTO 1310
1645 GOSUB 1520:POKE &F5B6,0:m$="Copie en memoire avec >NR
echange memoire/ecran?":GOSUB 250
1650 x$=UPPER$(INKEY$):IF x$="O"THEN CALL &F58A,33280+a >ND
dr1+li1*8+col,adr2+li2*8+col2-adr1-li1*8-col1+1:GOTO 1640
ELSE IF x$="N"THEN CALL &F5A7,33280+adr1+li1*8+col,adr
2+li2*8+col2-adr1-li1*8-col1+1:GOTO 1640 ELSE 1650
1655 GOSUB 1520:POKE &F5B6,&EB:m$="Copie a l'ecran avec >EQ
echange memoire/ecran?":GOSUB 250:GOTO 1650
1660 m$="Serie: 'H8 Hexa 'A8 ASCII":GOSUB 250:CALL &BB >FP
03
1665 x$=UPPER$(INKEY$):IF x$="H"THEN 1670 ELSE IF x$="A >WR
"THEN 1690 ELSE 1665
1670 m$="Sequence a rechercher.":GOSUB 250:d=0:c$="">TM
```

```

ALL &BB03
1675 LOCATE#1,25,16:FOR t=1 TO d STEP 2:PRINT#1,MID$(c$ >FY
,t,2);" ";:NEXT:PRINT#1," ":LOCATE#1,48,16:PRINT#1," "
1680 x$=UPPER$(INKEY$):IF x$=""THEN 1680 ELSE IF x$="M" >UT
AND d>0 THEN d=d-1:c$=LEFT$(c$,d):GOTO 1675 ELSE IF x$=
CHR$(13)AND(d AND 1)=0 THEN 1685 ELSE IF INSTR("0123456
789ABCDEF",x$)<>0 AND d<16 THEN d=d+1:c$=c$+x$:GOTO 167
5 ELSE 1680
1685 IF d=0 THEN RETURN ELSE d=d/2:POKE &FFBA,d:FOR t=1 >JK
TO d:POKE &FFBA+t,VAL("&"MID$(c$,t*2-1,2)):NEXT:RETUR
N
1690 m$="Sequence a rechercher ":GOSUB 250:d=0:c$="">TP
ALL &BB03
1695 LOCATE#1,25,16:PRINT#1,c$;" ";:LOCATE#1,33,16:PRIN >JK
T#1," "
1700 x$=INKEY$:IF x$=""THEN 1700 ELSE IF x$="M"AND d>0 >JE
THEN d=d-1:c$=LEFT$(c$,d):GOTO 1695 ELSE IF x$=CHR$(13)
THEN 1705 ELSE IF x$>CHR$(31)AND x$<"AND d<8 THEN d=d
+1:c$=c$+x$:POKE &FFBA+d,ASC(x$):GOTO 1695 ELSE 1700
1705 IF d=0 THEN RETURN ELSE POKE &FFBA,d:RETURN >TQ
1710 GOSUB 1660:m$="":GOSUB 250:IF d=0 THEN 1285 ELSE r >XC
r=1:LOCATE#2,1,9:PRINT#2,"Debut :";:GOSUB 1525:m$="":GO
SUB 250:LOCATE#2,1,9:PRINT#2,"0";
1715 CLS:PRINT#1$ - Recherche sur le bloc.:PRINT#2$ >RX
- Recherche sur tous les blocs."
1720 x$=INKEY$:IF x$="1"THEN 1725 ELSE IF x$="2"THEN 17 >KM
45 ELSE 1720
1725 CALL &D708,&8200,&81FF+1,&8200,&8200+adr1+l1i*8+co >MQ
1:CALL &D72D
1730 IF PEEK(&FFC6)=0 THEN m$="Sequence non trouvee !." >AA
:GOSUB 285:GOTO 1270 ELSE adr=PEEK(&FFB5)*256+PEEK(&FFB
4)-33280:m$="Adresse de la sequence : "+HEX$(adr,4):GOS
UB 285
1735 adr=INT(adr/8)*8:IF adr+104>=1 THEN adr=1-104 >UU
1740 GOTO 1270 >MK
1745 b12=b1:z=41472:CALL &D708,&8200,&8200+1,&8200+adr1 >GT
+l1i*8+co1,&8200+adr1+l1i*8+co1:CALL &D72D:IF PEEK(&FFC
6)>0 THEN 1730 ELSE GOSUB 1405
1750 b1=b1+1:IF b1>b1m THEN b1=0 >ZH
1755 LOCATE#2,11,2:PRINT#2,"&";HEX$(PEEK(z+b1),2) >UG
1760 POKE &FFCB,&82:POKE &FFCC,PEEK(z+b1):CALL &EFEB:IF >GL
PEEK(&FFC7)>0 THEN POKE &FFC7,0:GOTO 1750
1765 IF b12=b1 THEN CALL &D708,&8200,&8200+adr1+l1i*8+c >UJ
o1,&8200,&8200:CALL &D72D:GOTO 1730
1770 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BW
PEEK(&FFC6)>0 THEN 1730
1775 IF UPPER$(INKEY$)="A"THEN adr=0:m$="Recherche inte >NF
rronpue .":GOSUB 285:GOTO 1270 ELSE 1750
1780 GOSUB 1660:m$="":GOSUB 250:IF d=0 THEN 1285 ELSE r >XK
r=1:LOCATE#2,1,9:PRINT#2,"Debut :";:GOSUB 1525:m$="":GO
SUB 250:LOCATE#2,1,9:PRINT#2,"0";
1785 CLS:PRINT#1$ - Recherche sur le secteur.:PRINT#2 >VK
2$ - Recherche sur la piste.:PRINT#3$ - Recherche sur
tout le disc."
1790 x$=INKEY$:IF x$="1"THEN 1795 ELSE IF x$="2"THEN 18 >QQ
15 ELSE IF x$="3"THEN 1845 ELSE 1790
1795 CALL &D708,&8200,&81FF+1,&8200,&8200+adr1+l1i*8+co >MY
1:CALL &D72D
1800 IF PEEK(&FFC6)=0 THEN m$="Sequence non trouvee !." >AY
:GOSUB 285:GOTO 1810 ELSE adr=PEEK(&FFB5)*256+PEEK(&FFB
4)-33280:m$="Adresse de la sequence : "+HEX$(adr,4):GOS
UB 285
1805 adr=INT(adr/8)*8:IF adr+104>=1 THEN adr=1-104 >UR
1810 LOCATE#2,10,3:PRINT#2,USING"###";sc:GOSUB 1230:GOTO >GV
1160
1815 z=41472:sc2=sc:CALL &D708,&8200,&8200+1,&8200+adr1 >DJ
+l1i*8+co1,&8200+adr1+l1i*8+co1:CALL &D72D:IF PEEK(&FFC
6)>0 THEN 1800 ELSE LOCATE#2,10,3:PRINT#2,"0":LOCATE#2,
10,4:PRINT#2,"0":LOCATE#2,10,5:PRINT#2,"0"
1820 sc=sc+1:IF sc>PEEK(&A200)THEN sc=1 >GL
1825 LOCATE#2,10,3:PRINT#2,USING"###";sc:sct=PEEK(z+sc*4 >AA
-1):lg=PEEK(z+sc*4):l=MIN(2^lg*128,4096):GOSUB 1425:IF(
r0=64 AND r2=0 AND r1=128)OR(r0=0 AND r2=64 AND r1=0)TH
EN 1830 ELSE 1820
1830 IF sc2=sc THEN CALL &D708,&8200,&8200+adr1+l1i*8+c >UR
o1,&8200,&8200:CALL &D72D:GOTO 1800
1835 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BW
PEEK(&FFC6)>0 THEN 1800
1840 IF UPPER$(INKEY$)="A"THEN adr=0:m$="Recherche inte >NW
rronpue .":GOSUB 285:GOTO 1810 ELSE 1820
1845 z=41472:sc2=sc:pst2=pst:CALL &D708,&8200,&8200+1,& >RA
8200+adr1+l1i*8+co1,&8200+adr1+l1i*8+co1:CALL &D72D:IF
PEEK(&FFC6)>0 THEN 1800 ELSE GOSUB 1365:LOCATE#2,10,2:P
RINT#2,USING"###";pst:GOTO 1800
1850 pst=pst+1:IF pst=42 THEN pst=0 >DG
1855 LOCATE#2,10,2:PRINT#2,USING"###";pst:POKE &FFC8,pst >QJ
:CALL &EE4B
1860 IF PEEK(&FFC7)>0 THEN 1850 >XJ
1865 sct=PEEK(z+sc*4-1):lg=PEEK(z+sc*4):l=MIN(2^lg*128, >UW
4096):GOSUB 1425:IF(r0=64 AND r2=0 AND r1=128)OR(r0=0 A
ND r2=64 AND r1=0)THEN 1870 ELSE 1860
1870 IF sc2=sc AND pst=pst2 THEN CALL &D708,&8200,&8200 >QX
+adr1+l1i*8+co1,&8200,&8200:CALL &D72D:GOTO 1800
1875 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BA
PEEK(&FFC6)>0 THEN 1800
1880 sc=sc+1:IF sc>PEEK(&A200)THEN sc=1 ELSE 1865 >RJ
1885 IF UPPER$(INKEY$)="A"THEN adr=0:sc=PEEK(&A200):m$= >AD
"Recherche interronpue .":GOSUB 285:GOTO 1810
1890 GOTO 1850 >NK
1895 CLS:m$="Nom du prog. .":GOSUB 250:c$="">GG
a=0:CALL &
BB03
1900 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1, >WL
LEFT$(d$,8);" ";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a
-(a>7),16:PRINT#1,"_"
1905 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=L >MR
EFT$(c$,a)ELSE IF x$=CHR$(13)THEN 1915 ELSE IF x$="."TH
EN a=8:c$=LEFT$(c$+SPACE$(8),8)ELSE IF x$>CHR$(31)AND x
$<"a"AND a<11 THEN c$=c$+x$:a=a+1 ELSE 1905
1910 GOTO 1900 >MJ
1915 IF c$=""THEN 455 ELSE c$=LEFT$(c$+SPACE$(11),11):F >RA
OR t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
1920 m$="Introduire la disquette programme .":GOSUB 285 >MN
:CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455
1925 CALL &D7C1:FOR t=0 TO 63:POKE &9200+t*16,0:NEXT:CA >EV
LL &F550:IF PEEK(&FFC6)=0 THEN m$="Programme non trouve
e!":GOSUB 285:GOTO 455
1930 POKE &FFCB,&82:POKE &FFCC,PEEK(&9200):CALL &EFEB:l >BG
F PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455

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1935 IF PEEK(&8212)>1 OR(PEEK(&8211)+PEEK(&8210))>0 THE >GD
N m$="Programme non basic. Operation impossible.":GOSU
B 285:GOTO 455 ELSE POKE &8212,PEEK(&8212)XOR 1:CALL &F
5D8,&8280:IF PEEK(&8212)=0 THEN POKE &8243,PEEK(&8243)-
1 ELSE POKE &8243,PEEK(&8243)+1
1940 POKE &DE33,&85:POKE &FFCB,&82:CALL &EFEB:IF PEEK(& >NF
FFC7)>0 THEN GOSUB 275:GOTO 455
1945 z=37376 >BB
1950 z=z+1:IF PEEK(z)=0 THEN 455 >ZJ
1955 POKE &DE33,&84:POKE &FFCB,&82:POKE &FFCC,PEEK(z):C >VH
ALL &EFEB:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455
1960 CALL &F5D8,&8200:POKE &DE33,&85:POKE &FFCB,&82:CAL >PL
L &EFEB:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455
1965 GOTO 1950 >PD

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## DISCRACK . PR2

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5 MEMORY &24FF >YA
10 m$="":GOSUB 185:CLEAR:DEFINT A-Y:DIM z(5):CLS:PRINT" >LN
MENU DESASSEMBLEUR.":PRINT:PRINT"1$ - Programme sur d
isque".:PRINT"2$ - Systeme d'Exploitation.":PRINT"
3$ - ROM BASIC.":PRINT"4$ - ROM disc."
15 x$=INKEY$:IF x$="1"THEN 30 ELSE IF x$="2"THEN z(1)=0 >EA
:POKE &D65A,254:a=0:c$="Sys. d'exploitation"ELSE IF x$=
"3"THEN z(1)=49152:POKE &D65A,253:a=&C0:c$="ROM BASIC"E
LSE IF x$="4"THEN z(1)=49152:POKE &D65A,7:a=&C0:c$="ROM
disc"ELSE 15
20 z(2)=z(1):z(3)=&4000:z(4)=z(1)+z(3)-1:RESTORE 20:FOR >CZ
t=0 TO 23:READ a$:POKE &A000+t,VAL("&"a$):NEXT:DATA 2
1,0c,a0,cd,51,d6,3e,ff,32,5a,d6,c9,21,00,00,11,00,25,01
,00,40,ed,b0,c9
25 POKE &A00E,a:CALL &A000:GOTO 80 >AK
30 m$="Nom du prog. ":GOSUB 185:c$="":a=0:CALL &BB03 >ZM
35 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1,LE >RP
FT$(d$,8);".":RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a-(
a>7),16:PRINT#1,"_"
40 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=LEF >NQ
T$(c$,a):GOTO 35 ELSE IF x$=CHR$(13)THEN 45 ELSE IF x$=
"."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 35 ELSE IF x$
>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1:GOTO 35
ELSE 40
45 IF c$=""THEN 10 ELSE c$=LEFT$(c$+SPACE$(11),11):FOR >LJ
t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
50 m$="Introduire la disquette programme.":GOSUB 185:C >VU
ALL &BB03:CALL &BB18:CALL &DD50:IF PEEK(&FFC7)>0 THEN 1
90
55 IF PEEK(&FFC6)=0 THEN m$="Programme non trouve !H":G >TA
OTO 195 ELSE IF PEEK(&FFE4)=&E5 THEN m$="Probleme de ca
talogue .Utilisez la restructuration de catalogue.":GO
TO 195
60 IF PEEK(&9A10)=0 AND PEEK(&9A11)=0 AND(PEEK(&9A12)=2 >GH
OR PEEK(&9A12)=3)THEN 65 ELSE m$="Programme non binair
e !. Impossible a desassembler .H":GOTO 195
65 c$=LEFT$(c$,8)+".":RIGHT$(c$,3):z(1)=PEEK(&9A16)*256 >NC
+PEEK(&9A15):z(3)=PEEK(&9A19)*256+PEEK(&9A18):z(2)=PEEK
(&9A1B)*256+PEEK(&9A1A):z(4)=z(1)+z(3)-1
70 IF z(3)>33024 THEN m$="Impossible a charger. Program >WU
me trop long !":GOTO 195
75 POKE &A701,PEEK(&FFE4):LOAD c$,&2500:IF z(2)>z(4)OR >CP

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z(2)<z(1)THEN z(2)=z(1)
80 LOCATE#1,59,6:PRINT#1,c$;"0":FOR d=1 TO 4:LOCATE#1,5 >BZ
9,7+d:PRINT#1,"&";HEX$(z(d),4);" (";z(d);")0":NEXT:z(5)
=z(1)-&2500:IF z(5)>0 THEN POKE &FFCD,&4A ELSE POKE &FF
CD,&42
85 CALL &D708,ABS(z(5)),&24FF+z(3),&2500,z(2)-z(5) >RX
90 m$="":GOSUB 185:CALL &BB03:POKE &D65A,255:CALL &D646 >YV
95 CLS:PRINT SPACE$(18);"Menu / Options":PRINT:PRINT"J >NF
$ - Sauter a une adresse."; "R$ - Rechercher une sequen
ce d'octets."; "D$ - Retour au desassemblage."; "A$ - D
esassemblage automatique."; "M$ - Menu desassembleur.":
CALL &BB03
100 x$=UPPER$(INKEY$):IF x$="M"THEN 10 ELSE IF x$="J"TH >YN
EN 105 ELSE IF x$="R"THEN 130 ELSE IF x$="D"THEN 90 ELS
E IF x$="A"THEN CALL &D78F:GOTO 95 ELSE 100
105 CLS:m$="Saut a l'adresse : &":GOSUB 185 >RC
110 d=0:c$="":CALL &BB03 >RB
115 LOCATE#1,22,16:PRINT#1,c$;"0";:x$=UPPER$(INKEY$):IF >YY
x$="M"THEN 115 ELSE IF x$="M"THEN 110 ELSE IF x$=CHR$(1
3)AND d=4 THEN 120 ELSE IF INSTR("0123456789ABCDEF",x$)
<>0 AND d<4 THEN d=d+1:c$=c$+x$:GOTO 115 ELSE 115
120 z(2)=VAL("&"c$):IF z(2)<0 THEN z(2)=z(2)+65536 >RV
125 IF z(2)>z(4)OR z(2)<z(1)THEN PRINT"H":GOTO 110 ELSE >BX
85
130 CLS:m$="Serie: 'H$ Hexa 'A$ ASCII":GOSUB 185:CALL >KW
&BB03
135 x$=UPPER$(INKEY$):IF x$="H"THEN 140 ELSE IF x$="A" >QR
HEN 165 ELSE 135
140 m$="Sequence a rechercher.":GOSUB 185:d=0:c$="":CA >RA
LL &BB03
145 LOCATE#1,25,16:FOR t=1 TO d STEP 2:PRINT#1,MID$(c$, >DR
t,2);" ";:NEXT:PRINT#1," ":LOCATE#1,48,16:PRINT#1,"."
150 x$=UPPER$(INKEY$):IF x$=""THEN 150 ELSE IF x$="M"AN >BG
D d>0 THEN d=d-1:c$=LEFT$(c$,d):GOTO 145 ELSE IF x$=CHR
$(13)AND(d AND 1)=0 THEN 155 ELSE IF INSTR("0123456789A
BCDEF",x$)<>0 AND d<16 THEN d=d+1:c$=c$+x$:GOTO 145 ELS
E 150
155 IF d=0 THEN 90 ELSE d=d/2:POKE &FFBA,d:FOR t=1 TO d >KN
:POKE &FFBA+t,VAL("&"MID$(c$,t*2-1,2)):NEXT
160 CALL &D72D:IF PEEK(&FFC6)=0 THEN m$="Sequence non t >PP
rouvee !H":GOSUB 185:CALL &BB03:CALL &BB18:GOTO 90 ELSE
90
165 m$="Sequence a rechercher.":GOSUB 185:d=0:c$="":CA >RH
LL &BB03
170 LOCATE#1,25,16:PRINT#1,c$;" ";:LOCATE#1,33,16:PRINT >HL
#1,"."
175 x$=INKEY$:IF x$=""THEN 175 ELSE IF x$="M"AND d>0 TH >RU
EN d=d-1:c$=LEFT$(c$,d):GOTO 170 ELSE IF x$=CHR$(13)THE
N 180 ELSE IF x$>CHR$(31)AND x$<"P"AND d<8 THEN d=d+1:c
$=c$+x$:POKE &FFBA+d,ASC(x$):GOTO 170 ELSE 175
180 IF d=0 THEN 90 ELSE POKE &FFBA,d:GOTO 160 >LH
185 LOCATE#1,2,16:PRINT#1,m$;"0":RETURN >JT
190 e=PEEK(&FFC7):IF e=&48 THEN m$="Pas de disc dans le >GE
lecteur !H":GOSUB 185:CALL &BB03:CALL &BB18:GOTO 50 EL
SE IF e=&41 THEN m$="Disquette non formatee !H"ELSE IF
e=&44 THEN m$="Format non standard !H"ELSE m$="Erreur d
e disquette !H"
195 GOSUB 185:CALL &BB03:CALL &BB18:GOTO 10 >KT

```

# DATA 1. BAS

5 MODE 2

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10 LOCATE 1,1:PRINT CHR$(150)STRING$(48,154)CHR$(156)"CHR$(15
0)STRING$(27,154)CHR$(156);
15 PRINT CHR$(149)SPACE$(48)CHR$(149)"CHR$(149)" par P. POC
HON - 1991 "CHR$(149);
20 PRINT CHR$(149)SPACE$(48)CHR$(149)"CHR$(149)SPACE$(27)CHR$
(149);
25 PRINT CHR$(149)SPACE$(48)CHR$(149)"CHR$(147)STRING$(27,154
)CHR$(153);
30 FOR t=1 TO 10:PRINT CHR$(149)SPACE$(48)CHR$(149):NEXT
35 PRINT CHR$(147)STRING$(48,154)CHR$(153)
40 PRINT">":PRINT STRING$(67,95)"Codes Machine"
45 adr=50512:l=100:n=1
50 FOR t=1 TO 16:READ a$:k=VAL("&"+a$):POKE adr,k:adr=adr+1:s=s
+k+65536*(s+k>32767):NEXT:READ a$:k=VAL("&"+a$):IF k<>s THEN PR
INT CHR$(7);"Erreur ligne";l:END
55 l=l+5:n=n+1:IF n=44 THEN n=1:adr=adr+1360
60 IF l<1445 THEN 50
65 SAVE"discpack.scr",b,&C000,&4000
100 DATA 3E,02,32,86,B2,DD,E5,E1,CD,C9,C7,3E,1C,32,86,B2,086E
105 DATA DD,7E,00,EE,CB,28,4D,EE,26,CA,0B,C6,EE,30,28,07,0FF3
110 DATA EE,20,2B,1B,C3,D8,CD,DD,7E,01,FE,CB,28,20,5F,CD,1845
115 DATA 61,C7,CB,6F,CA,7B,CD,DD,23,FD,34,01,C3,D8,CD,DD,2230
120 DATA 7E,01,FE,CB,28,05,FD,34,01,18,E3,FD,34,01,FD,34,2935
125 DATA 01,DD,5E,03,CD,61,C7,E6,10,CA,7B,CD,FD,36,00,02,30A6
130 DATA DD,23,1B,0F,DD,5E,01,CD,61,C7,E6,80,CA,7B,CD,FD,3973
135 DATA 36,00,02,3E,C0,A3,20,1A,CD,F0,C7,21,D9,EF,C4,69,4120
140 DATA C7,CD,73,C7,3E,21,32,86,B2,3E,07,A3,CD,35,C7,C3,492B
145 DATA 8E,CD,21,BA,EF,1F,1F,1F,1F,1F,3D,C4,69,C7,CD,5000
150 DATA 73,C7,3E,21,32,86,B2,CD,F0,C7,CD,DC,C7,3E,2C,CD,5936
155 DATA 5A,BB,3E,07,A3,CD,35,C7,C3,8E,CD,DD,5E,01,CD,61,6184
160 DATA C7,E6,48,CA,7B,CD,FD,36,00,02,E6,08,20,1F,3E,CF,68FA
165 DATA A3,FE,4B,28,2D,FE,43,28,69,FE,4A,CA,D2,C6,FE,42,71F7
170 DATA CA,E7,C6,E6,C7,FE,41,CA,EC,C6,C3,02,C7,21,78,ED,7CE8
175 DATA 7E,AB,28,07,3E,FF,47,ED,B1,18,F5,23,CD,73,C7,C3,855C
180 DATA 8E,CD,FD,36,00,04,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,8CBE
185 DATA 3E,21,32,86,B2,21,6C,ED,CD,E8,C7,C4,69,C7,7E,CD,95BC
190 DATA 5A,BB,23,7E,CD,5A,BB,3E,2C,CD,5A,BB,3E,28,CD,5A,9D2D
195 DATA BB,DD,66,03,DD,6E,02,CD,A3,C7,3E,29,CD,5A,BB,C3,A5BE
200 DATA 8E,CD,FD,36,00,04,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,AD20
205 DATA 3E,21,32,86,B2,3E,28,CD,5A,BB,DD,66,03,DD,6E,02,B3C4
210 DATA CD,A3,C7,3E,29,CD,5A,BB,3E,2C,CD,5A,BB,21,6C,ED,BC0A
215 DATA CD,E8,C7,C4,69,C7,7E,CD,5A,BB,23,7E,CD,5A,BB,C3,C620
220 DATA 8E,CD,21,5A,ED,CD,73,C7,21,6C,ED,CD,E8,C7,C4,69,D00D
225 DATA C7,CD,73,C7,C3,8E,CD,21,63,ED,18,E9,21,50,ED,CD,D996
230 DATA 73,C7,CD,F0,C7,21,C6,EF,C4,69,C7,7E,CD,5A,BB,C3,E441
235 DATA 8E,CD,3E,49,CD,5A,BB,3E,4E,CD,5A,BB,3E,21,32,86,EB8A
240 DATA B2,21,C6,EF,CD,F0,C7,C4,69,C7,7E,CD,5A,BB,3E,2C,F554
245 DATA CD,5A,BB,3E,28,CD,5A,BB,3E,43,CD,5A,BB,3E,29,CD,FD15
250 DATA 5A,BB,C3,8E,CD,4F,AF,FD,B6,01,20,0C,79,A7,21,C6,052D
255 DATA EF,C4,69,C7,CD,73,C7,C9,3E,28,CD,5A,BB,3E,49,CD,0E7C
260 DATA 5A,BB,3E,57,FD,86,01,CD,5A,BB,CD,7D,C7,FD,34,00,16CE
265 DATA C9,16,00,21,50,F5,19,7E,C9,57,3E,FF,47,ED,B1,15,1E01
270 DATA 20,FB,C9,7E,FE,FF,C8,CD,5A,BB,23,18,F6,DD,7E,01,2797
275 DATA FE,80,38,0B,EE,FF,3C,6F,3E,2D,CD,5A,BB,18,06,6F,2ECA
280 DATA 3E,2B,CD,5A,BB,3E,26,CD,5A,BB,CD,B8,C7,3E,29,CD,36DB
285 DATA 5A,BB,C9,3E,26,CD,5A,BB,7C,0F,0F,0F,0F,E6,0F,CD,3D79
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290 DATA DC,C7,7C,E6,0F,CD,DC,C7,7D,0F,0F,0F,0F,E6,0F,CD,457E
295 DATA DC,C7,7D,E6,0F,CD,DC,C7,C9,FD,7E,1D,A7,28,D4,C5,4FC6
300 DATA ED,4B,CE,FF,32,D8,C7,ED,4A,C1,18,C7,FE,0A,38,02,58B5
305 DATA C6,07,C6,30,CD,5A,BB,C9,3E,30,A3,1F,1F,1F,1F,C9,5F79
310 DATA 3E,38,A3,1F,1F,1F,C9,00,00,00,00,00,00,00,00,61B8
315 DATA 4F,AF,FD,B6,01,20,11,B1,21,6C,ED,C4,69,C7,7E,CD,6A05
320 DATA 5A,BB,23,7E,CD,5A,BB,C9,79,FE,02,20,EA,3E,49,CD,723D
325 DATA 5A,BB,3E,57,FD,86,01,CD,5A,BB,C9,3E,3F,CD,5A,BB,7A75
330 DATA CD,5A,BB,CD,5A,BB,FD,36,01,00,FD,36,00,01,AF,FD,824D
335 DATA B6,01,28,05,FD,34,00,DD,2B,3E,0A,32,86,B2,FD,4E,8867
340 DATA 00,DD,E5,DD,6E,00,CD,B8,C7,DD,23,0D,20,F5,DD,E1,91A0
345 DATA DD,E5,3E,15,32,86,B2,FD,4E,00,DD,7E,00,FE,20,38,991B
350 DATA 13,FE,7E,30,0F,CD,5A,BB,DD,23,0D,20,ED,DD,E1,FD,A1A0
355 DATA 36,01,00,C9,3E,2E,18,ED,DD,5E,00,FD,36,00,01,CD,A74D
360 DATA 61,C7,E6,07,CA,2A,CE,EE,01,CA,C6,D5,EE,03,CA,F6,B129
365 DATA D5,EE,01,CA,7F,CE,EE,07,CA,04,CF,EE,01,CA,28,CF,BA46
370 DATA EE,03,CA,63,D5,3E,41,CD,5A,BB,3E,44,CD,5A,BB,CD,C2CB
375 DATA 5A,BB,3E,21,32,86,B2,3E,02,CD,50,CD,3E,2C,CD,5A,C964
380 DATA BB,CD,E8,C7,CD,50,CD,C3,8E,CD,21,A2,EE,7E,AB,28,D3A5
385 DATA 07,3E,FF,47,ED,B1,18,F5,23,7E,FE,FF,CA,8E,CD,FE,DD9C
390 DATA 70,28,33,FE,61,28,0D,FE,6E,28,11,FE,66,28,1F,CD,E418
395 DATA 5A,BB,18,E4,3E,21,32,86,B2,C3,7D,CF,FD,34,00,3E,EB70
400 DATA 26,CD,5A,BB,E5,DD,6E,01,CD,B8,C7,E1,18,CA,3E,21,F417
405 DATA 32,86,B2,C3,E4,CE,E5,3E,02,CD,50,CD,E1,18,B9,21,FC08
410 DATA C6,EF,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,3E,21,32,86,0474
415 DATA B2,AF,FD,B6,01,20,1D,CD,F0,C7,C4,69,C7,CD,73,C7,0E45
420 DATA 3E,2C,CD,5A,BB,21,C6,EF,3E,07,A3,C4,69,C7,CD,73,1683
425 DATA C7,C3,8E,CD,CD,F0,C7,FE,06,28,12,A7,C4,69,C7,CD,2092
430 DATA 73,C7,3E,2C,CD,5A,BB,CD,48,C7,C3,8E,CD,CD,48,C7,29EE
435 DATA 3E,2C,CD,5A,BB,21,C6,EF,3E,07,A3,C4,69,C7,CD,73,322C
440 DATA C7,C3,8E,CD,FD,34,00,DD,E5,E1,DD,7E,01,FE,80,38,3BF7
445 DATA 0D,01,FE,00,ED,42,4F,09,CD,C9,C7,C3,8E,CD,23,23,434B
450 DATA 06,00,18,F2,3E,4A,CD,5A,BB,3E,52,CD,5A,BB,CB,AB,4AAD
455 DATA 3E,21,32,86,B2,21,7C,EF,CD,F0,C7,C4,69,C7,CD,73,53BA
460 DATA C7,3E,2C,CD,5A,BB,18,BC,21,90,EF,3E,07,A3,C4,69,5B56
465 DATA C7,7E,FE,FF,CA,8E,CD,FE,63,28,1C,FE,70,28,2E,FE,6524
470 DATA 6E,28,4C,FE,73,CA,B3,CF,FE,61,28,31,FE,66,CA,C4,6E6D
475 DATA CF,CD,5A,BB,23,18,DA,E5,3E,21,32,86,B2,21,7C,EF,766D
480 DATA CD,F0,C7,C4,69,C7,CD,73,C7,E1,23,18,C4,E5,3E,21,8010
485 DATA 32,86,B2,CD,E8,C7,CD,50,CD,E1,23,18,B4,FD,34,00,88E1
490 DATA FD,34,00,DD,66,02,DD,6E,01,CD,A3,C7,C3,8E,CD,E5,91DD
495 DATA FD,34,00,3E,26,CD,5A,BB,AF,FD,B6,01,20,0A,DD,6E,992C
500 DATA 01,CD,B8,C7,E1,23,18,89,DD,6E,02,CD,B8,C7,E1,23,A1BB
505 DATA C3,31,CF,E5,3E,21,32,86,B2,CD,F0,C7,CD,35,C7,E1,AB5A
510 DATA 23,C3,31,CF,3E,21,32,86,B2,3E,26,CD,5A,BB,CD,F0,B30C
515 DATA C7,21,48,EF,C4,69,C7,7E,CD,5A,BB,23,7E,CD,5A,BB,BC02
520 DATA 23,7E,EE,FF,CA,8E,CD,3E,20,CD,5A,BB,3E,2F,CD,5A,C489
525 DATA BB,3E,44,CD,5A,BB,3E,57,CD,5A,BB,3E,3A,C3,50,D5,CC7F
530 DATA CD,5A,BB,DD,66,02,DD,6E,01,CD,A3,C7,FD,36,00,03,D45F
535 DATA C3,8E,CD,3E,07,A3,21,64,EF,3D,C4,69,C7,7E,FE,70,DCF6
540 DATA 28,2D,FE,63,28,37,FE,71,28,06,CD,5A,BB,23,18,ED,E3B2
545 DATA 3E,21,32,86,B2,CD,E8,C7,FE,03,28,06,CD,50,CD,C3,EBD3
550 DATA 8E,CD,3E,41,CD,5A,BB,3E,46,CD,5A,BB,C3,8E,CD,3E,F451
555 DATA 21,32,86,B2,CD,E8,C7,CD,50,CD,C3,8E,CD,3E,21,32,FCF1
560 DATA 86,B2,21,7C,EF,CD,F0,C7,C4,69,C7,CD,73,C7,3E,2C,069E
565 DATA CD,5A,BB,C3,7D,CF,CB,73,20,0F,CD,F0,C7,21,2D,EE,0FBC
570 DATA C4,69,C7,CD,73,C7,C3,D9,C5,CD,F0,C7,21,2D,EE,C4,1A9C
575 DATA 69,C7,CD,73,C7,FD,34,00,DD,6E,01,3E,26,CD,5A,BB,2296
580 DATA CD,B8,C7,C3,8E,CD,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,2BD0
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585 DATA 3E, 21, 32, 86, B2, 21, 63, EE, 01, 07, 00, 7E, AB, 28, 03, 09, 3070  
590 DATA 18, F9, 23, 06, 06, 7E, FE, 61, 28, 0E, FE, 70, 28, 1D, CD, 5A, 369D  
595 DATA BB, 23, 05, CA, 8E, CD, 18, ED, E5, FD, 34, 00, FD, 34, 00, DD, 3ECE  
600 DATA 66, 02, DD, 6E, 01, CD, A3, C7, E1, 18, E6, E5, C5, 3E, 02, CD, 474F  
605 DATA 50, CD, C1, E1, 18, DB, DD, 2A, B4, FF, FD, 21, B0, FF, 21, 5B, 5104  
610 DATA D6, 22, 58, D6, DF, 58, D6, C9, 00, 00, FF, CD, CD, D6, C3, ED, 5B1F  
615 DATA D6, CD, 1B, BB, 30, FB, FE, F0, 28, 27, FE, F1, 28, 07, FE, E0, 64FC  
620 DATA 28, 6A, 18, ED, 00, CD, 74, D7, 3E, 0E, 32, 85, B2, CD, 85, D6, 6C88  
625 DATA CD, 50, C5, 18, DC, 11, 51, FD, 21, 52, FD, 01, 5F, 02, ED, B0, 742C  
630 DATA C9, FD, 7E, F3, A7, 28, CA, 21, AF, FF, CD, C4, D6, 2B, DD, E5, 7F1F  
635 DATA 06, 0C, CD, C4, D6, 2B, 05, 20, F9, 3E, 00, 32, 85, B2, CD, 50, 85A5  
640 DATA C5, CD, B8, D6, DD, E1, 18, A9, 21, AF, FF, 11, B0, FF, 01, 61, 8F35  
645 DATA 02, ED, B8, C9, 7E, A7, C8, DD, 2B, 3D, C8, 18, FA, 21, 50, FD, 981F  
650 DATA 01, 61, 02, 36, 00, 23, 0B, 78, B1, C8, 18, F7, 21, AF, FF, 06, 9DBC  
655 DATA 0C, CD, C4, D6, 2B, 05, 20, F9, DD, 22, B4, FF, C9, CD, 6C, BB, A6E7  
660 DATA 0E, 0D, C5, 3E, 0E, 32, 85, B2, CD, 85, D6, CD, 50, C5, C1, 0D, AE54  
665 DATA CA, 61, D6, CD, 74, D7, 18, EA, DD, 66, 01, DD, 6E, 00, 22, B4, B6D4  
670 DATA FF, DD, 66, 03, DD, 6E, 02, 22, B6, FF, DD, 66, 05, DD, 6E, 04, BED4  
675 DATA 22, B8, FF, DD, 66, 07, DD, 6E, 06, 22, CE, FF, C9, ED, 5B, B4, C7FC  
680 DATA FF, FD, 21, B0, FF, FD, 36, 16, 00, 13, 2A, B8, FF, ED, 52, 38, D07C  
685 DATA 1F, 2A, B4, FF, ED, 52, C8, 1A, FD, BE, 0B, 20, EC, FD, 46, 0A, D8B8  
690 DATA 21, BC, FF, D5, 13, 05, 28, 0F, 1A, BE, 20, 15, 23, 13, 18, F5, DE08  
695 DATA ED, 5B, B6, FF, A7, 18, DA, FD, 36, 16, 01, D1, ED, 53, B4, FF, E7AC  
700 DATA C9, D1, 18, C5, DD, E5, 16, 00, FD, 5E, 00, DD, 19, DD, E5, D1, F0DF  
705 DATA 2A, B8, FF, ED, 52, 38, 02, D1, C9, DD, E1, D1, C3, 61, D6, CD, FB29  
710 DATA 6C, BB, FD, 21, B0, FF, DD, 2A, B4, FF, 3E, 0E, 32, 85, B2, CD, 0459  
715 DATA 85, D6, CD, 50, C5, CD, 1B, BB, 38, 05, CD, 74, D7, 18, EB, CD, 0D5E  
720 DATA 03, BB, CD, 1B, BB, 30, FB, FE, E0, CA, 61, D6, CD, 74, D7, 18, 16F9  
725 DATA D9, 21, 00, 9A, FD, 21, B0, FF, FD, 36, 20, 00, 01, 00, 08, 36, 1CEC  
730 DATA E5, 23, 0B, 78, B1, 20, F8, DD, 21, 00, 92, 06, 40, C5, DD, 7E, 2436  
735 DATA 00, FE, E5, CA, 96, DF, AF, DD, B6, 0D, C2, 96, DF, DD, B6, 0E, 2E7F  
740 DATA C2, 96, DF, DD, B6, 0F, CA, 96, DF, AF, C3, 3A, DF, 00, 00, 00, 3722  
745 DATA CD, DD, DD, D0, FD, 36, 1B, 92, FD, 7E, 23, FD, 77, 19, FD, 7E, 40FF  
750 DATA 22, FD, 77, 18, CD, 30, DE, D0, CD, C2, DD, CD, 30, DE, D0, CD, 4B3C  
755 DATA C2, DD, CD, 30, DE, D0, CD, C2, DD, CD, 30, DE, D0, FD, 36, 16, 55E6  
760 DATA 00, 21, 00, 92, E5, 7E, 32, E4, FF, 23, 11, BB, FF, 0E, 0B, 7E, 5C96  
765 DATA FE, 80, 38, 02, D6, 80, 47, 1A, A8, 20, 07, 23, 13, 0D, 20, EF, 6226  
770 DATA 18, 0B, E1, 01, 20, 00, 09, 7C, FE, 9A, 20, D8, C9, FD, 36, 16, 6872  
775 DATA 01, E1, 01, 10, 00, 09, 7E, CD, 08, DF, FD, 36, 1B, 9A, CD, 30, 6E85  
780 DATA DE, C9, FD, 34, 1B, FD, 34, 1B, FD, 34, 19, 3E, 0F, FD, A6, 19, 7617  
785 DATA EE, 0A, C0, FD, 7E, 23, FD, 77, 19, FD, 34, 18, C9, FD, 21, B0, 7EDA  
790 DATA FF, FD, 36, 17, 00, FD, 36, 24, 87, 21, D4, FF, CD, D4, BC, 30, 8782  
795 DATA 3B, 22, D5, FF, FD, 71, 27, 1E, 00, 53, 0E, 01, 21, 00, 92, DF, 8D5A  
800 DATA D5, FF, 30, 28, DF, 28, DE, 30, 23, 3A, 9F, A8, FD, 77, 23, FE, 95D4  
805 DATA C1, 28, 09, FE, 41, 28, 0B, FD, 36, 22, 01, C9, FD, 36, 22, 00, 9BAC  
810 DATA 37, C9, FD, 36, 22, 02, 37, C9, 6C, C5, 07, 67, FD, 77, 17, C9, A2F6  
815 DATA FD, 36, 24, 84, 21, D4, FF, CD, D4, BC, 30, F0, 22, D5, FF, FD, AD35  
820 DATA 71, 27, 1E, 00, FD, 56, 18, FD, 4E, 19, 2A, CA, FF, DF, D5, FF, B560  
825 DATA 30, DA, C9, FD, 21, B0, FF, 11, 00, 92, 21, 00, 9A, 01, 00, 08, BB67  
830 DATA ED, B0, FD, 36, 21, 00, FD, 36, 20, 00, FD, 36, 2A, 00, FD, 36, C23B  
835 DATA 2D, 00, 0E, 40, DD, 21, 00, 9A, C5, DD, 7E, 00, EE, E5, 28, 2C, C895  
840 DATA DD, 7E, 0C, A7, 20, 6D, 11, 10, 00, 4F, DD, E5, E1, 19, FD, 34, CF8D  
845 DATA 2A, 06, 10, 7E, A7, 28, 29, 23, 0C, 10, F8, 11, 0C, 00, 19, 7E, D32E  
850 DATA A7, 28, 1D, FE, E5, 28, 19, 11, 04, 00, 18, E1, DD, 7E, 01, EE, D996  
855 DATA E5, 28, 40, 18, CB, DD, 71, 11, FD, 34, 20, FD, 34, 2D, 18, 14, E000  
860 DATA DD, 7E, 00, EE, E5, 28, EE, DD, 71, 11, FD, 7E, 21, 81, FD, 77, E934  
865 DATA 21, FD, 34, 20, DD, 7E, 10, CD, 08, DF, FD, 36, 1B, 8A, CD, 30, F09A  
870 DATA DE, 30, 1F, DD, E5, E1, 11, 12, 00, 19, EB, 21, 10, 8A, 01, 0C, F659  
875 DATA 00, ED, B0, 01, 20, 00, DD, 09, C1, 0D, C2, 78, DE, FD, 36, 17, FD2D  
880 DATA 00, C9, DD, 36, 1F, FF, 18, EB, FD, 36, 03, 00, FE, 5A, 38, 06, 03F6  
885 DATA FD, 36, 03, 14, D6, 5A, 07, 47, 3A, A0, A8, 4F, 78, 06, 00, B9, 09C6

890 DATA 38, 04, 04, 91, 18, F9, FD, 86, 23, FD, 77, 19, 78, FD, 86, 03, 10D9  
895 DATA FD, 86, 22, FE, 28, D0, FD, 77, 18, C9, DD, B6, 10, 28, 57, 06, 18F1  
900 DATA 0B, DD, E5, E1, 23, 7E, E6, 7F, FE, 20, DA, 96, DF, 77, 23, 10, 21BC  
905 DATA F4, FD, 34, 20, DD, E5, E1, 11, 00, 9A, D5, 7E, E6, 7F, 4F, 1A, 2A70  
910 DATA E6, 7F, B9, 28, 04, 38, 06, 18, 10, 23, 13, 18, EE, 01, 20, 00, 2E7D  
915 DATA E1, 09, EB, DD, E5, E1, D5, 18, E2, D1, D5, 21, E0, A1, ED, 52, 394B  
920 DATA 28, 0B, E5, C1, 03, 11, 00, A2, 21, E0, A1, ED, B0, 01, 20, 00, 3F42  
925 DATA D1, DD, E5, E1, ED, B0, 11, 20, 00, DD, 19, C1, 05, C8, C3, DD, 48A8  
930 DATA D7, FD, 21, B0, FF, FD, 7E, 1C, CD, 08, DF, CD, 30, DE, C9, FD, 5338  
935 DATA 21, B0, FF, AF, FD, 77, 29, CD, CF, E6, 3E, 84, 32, 33, DE, FD, 5CD8  
940 DATA 36, 1B, 92, CD, 30, DE, 38, 07, FD, 7E, 17, FE, 41, 28, 14, FD, 63DF  
945 DATA 34, 18, FD, 36, 17, 00, FD, 7E, 18, FE, 2A, 20, D7, 3E, 84, 32, 6A1B  
950 DATA 33, DE, C9, 3E, 86, 32, 33, DE, 06, 09, 21, 00, A3, FD, 74, 1B, 705B  
955 DATA 3A, C8, FF, 77, 23, 23, 23, 23, 10, F9, CD, 30, DE, D0, 18, CF, 77FA  
960 DATA CD, DD, DD, D0, FD, 7E, 22, FE, 01, 28, 26, 57, DF, D5, FF, D2, 8217  
965 DATA 2C, DE, DF, 28, DE, D2, 2C, DE, 3A, 51, BE, E6, F0, 3C, FD, BE, 8BF8  
970 DATA 23, 20, 0E, 3A, 52, BE, EE, 02, 20, 07, 14, 7A, FE, 28, 20, DC, 915A  
975 DATA C9, FD, 36, 20, FF, C9, FD, 21, B0, FF, 21, 10, 9A, 3E, FF, 32, 9A45  
980 DATA 10, A2, FD, 36, 29, 02, FD, A6, 22, 28, 06, FD, 36, 28, AB, 18, A066  
985 DATA 04, FD, 36, 28, B4, E5, 7E, FD, BE, 29, CA, 57, E6, E5, D1, 13, A990  
990 DATA CB, 63, CC, 21, E6, 1A, FE, FF, 28, 70, FD, BE, 29, 20, F0, 7E, B2B2  
995 DATA 12, E5, CD, 08, DF, FD, 7E, 19, FD, 77, 2B, FD, 7E, 18, FD, 77, BB97  
1000 DATA 2C, FD, 36, 1B, 82, 3E, 84, 32, 33, DE, CD, C4, E6, D2, C1, E6, C488  
1005 DATA FD, 36, 1B, 8A, FD, 7E, 29, E1, E5, 77, CD, 08, DF, CD, C4, E6, CE6C  
1010 DATA D2, C1, E6, 3E, 85, 32, 33, DE, FD, 36, 1B, 82, FD, 7E, 29, CD, D72C  
1015 DATA 08, DF, CD, C4, E6, D2, C1, E6, FD, 36, 1B, 8A, FD, 7E, 2B, FD, E17E  
1020 DATA 77, 19, FD, 7E, 2C, FD, 77, 18, CD, C4, E6, D2, C1, E6, E1, 18, EB2A  
1025 DATA 36, E5, EB, 01, 10, 00, 09, EB, E1, C9, E5, 7E, CD, 08, DF, 3E, F334  
1030 DATA 84, 32, 33, DE, FD, 36, 1B, 82, CD, C4, E6, D2, C1, E6, 3E, 85, FC7E  
1035 DATA 32, 33, DE, E1, E5, FD, 7E, 29, 77, CD, 08, DF, FD, 36, 1B, 82, 0526  
1040 DATA CD, C4, E6, D2, C1, E6, E1, FD, 34, 29, FD, 7E, 29, FD, BE, 28, 0FD8  
1045 DATA 28, 4A, CD, CF, E6, 23, CB, 65, 28, 05, 7E, A7, C2, A7, E5, E1, 18A0  
1050 DATA 01, 20, 00, 09, 7E, FE, FF, 28, 34, FE, E5, C2, A5, E5, 21, 00, 1FF1  
1055 DATA 82, 01, 00, 08, 36, E5, 23, 0B, 78, B1, 20, F8, 3E, 85, 32, 33, 252E  
1060 DATA DE, FD, 7E, 29, FD, BE, 28, 28, 14, CD, CF, E6, FD, 36, 1B, 82, 2E21  
1065 DATA CD, 08, DF, CD, C4, E6, D0, FD, 34, 29, 18, E5, E1, FD, 36, 1B, 37A2  
1070 DATA 9A, FD, 7E, 23, FD, 77, 19, FD, 7E, 22, FD, 77, 18, CD, 64, DD, 409E  
1075 DATA C9, E1, E1, C9, CD, 30, DE, D0, CD, C2, DD, CD, 30, DE, C9, F5, 4CA2  
1080 DATA E5, 3E, 14, 32, 86, B2, 3E, 26, CD, 5A, BB, FD, 6E, 29, CD, B8, 54A2  
1085 DATA C7, E1, F1, C9, 21, 00, 9A, FD, 21, B0, FF, 3A, C8, FF, FD, 46, 5ED0  
1090 DATA 2C, 77, 23, 23, 23, 23, 10, F9, CD, 30, DE, D0, FD, 34, 18, FD, 65F9  
1095 DATA 7E, 18, FE, 2A, C8, 6F, 3E, 14, 32, 86, B2, 3E, 26, CD, 5A, BB, 6CF0  
1100 DATA CD, B8, C7, 18, CF, CD, DD, DD, D0, FD, 7E, 23, FE, 41, 28, 05, 7684  
1105 DATA FD, 36, 17, FF, C9, FD, 36, 19, 41, FD, 36, 18, 00, FD, 36, 1B, 7DBC  
1110 DATA 5A, 3E, 85, 32, 33, DE, 06, 12, C5, CD, 30, DE, D2, C2, E6, CD, 861B  
1115 DATA C2, DD, C1, 10, F3, C9, FD, 21, B0, FF, FD, 36, 21, 00, 21, 10, 8E99  
1120 DATA 9A, 16, A2, 06, 10, E5, 7E, FD, BE, 28, 30, 08, FE, 00, 28, 04, 94A9  
1125 DATA 5F, 3E, 02, 12, 23, 10, EF, E1, 01, 20, 00, 09, 7C, FE, A2, 20, 99C3  
1130 DATA E2, 21, 02, A2, FD, 75, 29, CD, CF, E6, 7E, FE, 00, 20, 36, 32, A18B  
1135 DATA 00, 92, 7D, E5, CD, 08, DF, FD, 36, 1B, 92, CD, 30, DE, 30, 22, A940  
1140 DATA CD, C2, DD, CD, 30, DE, 30, 1A, 21, 00, 92, 01, 00, 01, 11, 04, AE9B  
1145 DATA 00, 7E, EE, E5, 20, 0C, 19, 0B, 78, B1, 20, F5, E1, FD, 34, 21, B5AD  
1150 DATA 18, 03, E1, 36, 01, 23, 7D, FD, BE, 28, C8, 18, B7, 3E, 10, 32, BB7A  
1155 DATA 66, BE, 11, 00, 8A, CD, 9B, BC, 3E, 01, 32, 66, BE, C9, 21, 00, C1DC  
1160 DATA 7E, 11, 50, ED, 01, A6, 02, ED, B0, 21, A5, 80, 11, 50, F5, 01, C88B  
1165 DATA 00, 01, ED, B0, C9, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, CAF2  
1170 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, CAF2  
1175 DATA FD, 21, B0, FF, 21, 00, 92, 06, B4, 36, 00, 23, 10, FB, DD, 21, D18E  
1180 DATA 0E, 9A, 06, 40, FD, 36, 20, 00, DD, 7E, 00, FE, E5, 28, 16, DD, D828  
1185 DATA 7E, FE, A7, 20, 03, FD, 34, 20, FD, 7E, 20, DD, 77, 00, 11, 20, DEDF  
1190 DATA 00, DD, 19, 10, E3, DD, 21, 10, 9A, 06, 40, 0E, 10, DD, 7E, FE, E52D

