

# PROGRAMMA: "UTILITY"

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UDG          UDG+1          MAX SECTOR          SECTOR LENGTH          MAX TRACK          1
10 LET MEMSTART=PEEK 23675/(256*PEEK 23676)-(6*18*256-256-600): REM MAXT=6
20 CLEAR MEMSTART-1
30 LET BUFFSTART=(PEEK 23730RANTOP)+256*PEEK 23731RANTOP+1+1
40 GO SUB 8650: LET BOOTSTR=CODESTART+CODELEN
50 LOAD *1:FSCODE CODESTART: LOAD *1:"BOOTSTR"CODE CODESTART+CODELEN
60 LET DANDS=CODESTART: LET TRACK=CODESTART+1: LET STARTBUFF=CODESTART
+2: LET INITBUFF=CODESTART+4
70 LET WRITEBOOT=INITBUFF+3: LET RESTORE=WRITEBOOT+3: LET WRITET=RESTO
RE+3: LET STEPIN=WRITET+3
80 LET WRITEM=STEPIN+3: LET READM=WRITEM+3: LET ENQM=READM+3
90 LET MAXT=6: LET MAXSECT=MAXT*18: DIM C$(16): LET DRNO=1: GO SUB 830
0: REM GET DEFAULT VALUES
100 GO SUB 9900 : REM DISPLAY TITLE
110 GO SUB 9800 : REM DISPLAY MENU
120 GO SUB 9700 : REM GET A KEY
140 IF I$<>"1" AND I$<>"2" AND I$<>"3" AND I$<>"4" THEN GO TO 120
150 LET OPTION=VAL I$
160 GO SUB 200+(OPTION-1)*1000
170 GO TO 110
200 CLS
210 PRINT AT 1,9:"DISC FORMATTER"
220 PRINT AT 2,9:"=====
240 PRINT AT 6,5:"WHICH DRIVE (1 OR 2)?"
250 GO SUB 9700
260 IF I$<>"1" AND I$<>"2" THEN GO TO 250
270 PRINT AT 6,28:I$: LET DRNO=VAL I$
276 PRINT AT 8,3:"AT PRESENT THE SYSTEM IS SET      FOR "; IF SIDES=1 TH
EN PRINT "SINGLE ";
279 IF SIDES=2 THEN PRINT "DOUBLE ";
282 PRINT "SIDED ";STR$ NOTRACKS;" TRACK      DRIVES.": PRINT AT 12,3;
"DO YOU WISH TO CHANGE THIS      CONFIGURATION (Y OR N)? ";
285 GO SUB 9700: IF I$<>"Y" AND I$<>"N" THEN GO TO 285
286 PRINT AT 12,0;"
"
288 IF I$="N" THEN GO TO 440
291 PRINT AT 8,3;"
"
300 PRINT AT 8,5:"IS THE DRIVE SINGLE OR"
310 PRINT AT 9,5:"DOUBLE SIDED (S OR D)?"
320 GO SUB 9700
330 IF I$<>"S" AND I$<>"D" THEN GO TO 320
340 PRINT AT 9,28:I$
350 IF I$="S" THEN LET SIDES=1
360 IF I$="D" THEN LET SIDES=2
370 PRINT AT 11,5:"DOES THE DRIVE HAVE 40"
380 PRINT AT 12,5:"OR 80 TRACKS (F OR E)?"
390 GO SUB 9700
400 IF I$<>"F" AND I$<>"E" THEN GO TO 390
410 IF I$="F" THEN LET NOTRACKS=40
420 IF I$="E" THEN LET NOTRACKS=80
430 PRINT AT 12,28;NOTRACKS
440 INPUT "DISC TITLE ";T$
450 IF LEN T$>10 THEN PRINT AT 20,0;"TITLE TOO LONG, PLEASE REENTER": P
AUSE 30: PRINT AT 20,0;"      ": GO TO 440
455 IF T$="" THEN LET T$=""
460 PRINT AT 14,5:"DISC TITLE: ";T$
470 PRINT AT 18,3:"ARE YOU SURE THAT YOU WISH TO": PRINT AT 19,3;"FORMA
T THE DISC (Y OR N)?"
480 GO SUB 9700
490 IF I$<>"Y" AND I$<>"N" THEN GO TO 480
500 IF I$="N" THEN RETURN
510 CLS : PRINT AT 1,8;"FORMATTING DISC": PRINT AT 2,8;"=====
": PRINT : PRINT
530 GO SUB 8750: RANDOMIZE USR INITBUFF
550 LET SDS=SIDES-1: POKE DANDS,DRNO
582 DATA 0,7,14,3,10,17,6,13,2,9,16,5,12,1,8,15,4,11
585 FOR S=0 TO SDS: INK 4*S: PRINT AT 3,0;"SIDE ";S: RESTORE : LET BC=B

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UFFSTART+94: FOR C=0 TO 17: READ C1: POKE BC+2,C1: POKE BC+S,0: LET BC=B
C+334: NEXT C: POKE DANDS,DRNC+16*S: RANDOMIZE USR RESTORE
500 FOR T=0 TO NOTRACKS-1
620 LET BC=BUFFSTART+97: FOR C=0 TO 17: POKE BC,T: LET BC=BC+334: NEXT
C: POKE STARTBUFF+1,INT (BUFFSTART/256): POKE STARTBUFF,BUFFSTART-256*PE
EK (STARTBUFF+1): RANDOMIZE USR WRITET
640 IF T<10 THEN PRINT "0":
660 PRINT STR$ T: " ": IF T<NOTRACKS-1 THEN RANDOMIZE USR STEPIN
670 NEXT T: NEXT S: INK 0
690 LET S=1: REM SET SIDE
700 GO SUB 8000
710 POKE BOOTSTR+2,NOTRACKS
720 POKE BOOTSTR+3,18
730 POKE BOOTSTR+4,64+(SIDES-1)*16
740 RANDOMIZE USR WRITEBOOT
880 FORMAT "M":DRNC:TS
890 PRINT AT 6+T/8,0:"DISC FORMATTED"
950 PAUSE 160
960 RETURN
1200 CLS
1210 PRINT AT 1,10:"DISC BACKUP"
1220 PRINT AT 2,10:"-----"
1230 PRINT AT 6,3:"SOURCE DRIVE (1 OR 2)?"
1240 GO SUB 9700
1250 IF IS<>"1" AND IS<>"2" THEN GO TO 1240
1260 PRINT AT 6,26:IS
1270 LET SDRNC=VAL IS
1280 PRINT AT 8,3:"DESTINATION DRIVE (1 OR 2)?"
1290 GO SUB 9700
1300 IF IS<>"1" AND IS<>"2" THEN GO TO 1290
1310 PRINT AT 8,31:IS
1320 LET DDRNC=VAL IS
1330 IF SDRNC=DDRNC THEN GO SUB 8000
1340 IF SDRNC<>DDRNC THEN GO SUB 7000
1350 RETURN
2200 CLS
2210 PRINT AT 1,9:"COMPACT A DISC"
2220 PRINT AT 2,9:"-----"
2230 PRINT AT 6,5:"WHICH DRIVE (1 OR 2)?"
2240 GO SUB 9700
2250 IF IS<>"1" AND IS<>"2" THEN GO TO 2240
2260 PRINT AT 6,27:IS
2270 LET DRNC=VAL IS
2280 PRINT
2300 GO SUB 6000
2330 RETURN
3200 PRINT USR 0
3210 STOP
6000 OPEN #4:" CAT ":DRNCIN
6010 OPEN #5:" CAT ":DRNC OUT
6015 OPEN #6:" CAT ":DRNC: PRINT #6:: LET IX=PEEK 23633+256*PEEK 23634:
POKE IX+18,255: POKE IX+19,255: POKE IX+30,PEEK (IX+8): POKE IX+31,PEEK
(IX+0)
6020 LET NEXTBLK=0: LET ERROR=0
6030 GO SUB 9000: REM GET A CATALOGUE ENTRY INTO C$
6040 LET FIRSTBLK=CODE C$(3)+256*CODE C$(4)
6050 LET LASTBLK=CODE C$(5)+256*CODE C$(6)
6060 IF LASTBLK=65535 THEN GO SUB 9050: GO TO 6130
6065 INPUT : PRINT TAB 7;C$(7 TO 16)
6070 IF FIRSTBLK=NEXTBLK THEN GO SUB 9400: GO TO 6100
6080 IF FIRSTBLK>NEXTBLK THEN GO SUB 9500: GO TO 6100
6090 LET ERROR=1: REM WE SHOULD NOT GET HERE
6100 IF ERROR=0 THEN GO TO 6030
6110 PRINT : PRINT TAB 5:"ERROR WHEN COMPACTING THE DISC"
6120 GO TO 6140
6130 PRINT : PRINT TAB 5:"DISC COMPACTED"
6140 CLOSE #4
6150 CLOSE #5
6160 CLOSE #6
6170 PAUSE 160

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6180 RETURN
6005 REM BACKUP WITH SEPARATE DRIVES
7000 PRINT AT 14,0;"PUT THE SOURCE DISC INTO DRIVE": PRINT "NUMBER ";SDR
NO: PRINT AT 17,0;"PUT THE DESTINATION DISC INTO": PRINT "DRIVE NUMBER "
:DDRNO
7010 GO SUB 9750
7020 REM GET SOURCE AND DESTINATION TRACKS AND SIDES
7030 LET DRNO=SDRNO: GO SUB 8300: LET ST=NOTRACKS: LET SS=SIDES
7035 LET DRNO=DDRNO: GO SUB 8300: LET DT=NOTRACKS: LET DS=SIDES
7040 IF DT<>ST OR DS<>SS THEN PRINT AT 20,0;"INCOMPATIBLE DISC FORMATS":
  PAUSE 80: RETURN
7050 LET T=0: LET S=1: LET SAVEDT=0: LET SAVEDS=1
7055 REM READ TRACKS
7060 GO SUB 8750: GO SUB 9100
7110 LET SAVES=S: LET SAVET=T: LET S=SAVEDS: LET T=SAVEDT
7120 GO SUB 8750: GO SUB 9200
7130 IF T=DT THEN GO TO 7100
7170 LET SAVEDS=S: LET SAVEDT=T: LET S=SAVES: LET T=SAVET
7180 GO TO 7060
7190 PAUSE 80
7200 RETURN
8000 GO SUB 9300: REM INSERT SOURCE DISC
8001 LET DRNO=SDRNO: GO SUB 8300: LET ST=NOTRACKS: LET SS=SIDES
8002 REM ST AND SS
8005 REM GET DESTINATION TRACKS AND SIDES
8010 GO SUB 9340: REM INSERT DESTINATION DISC
8014 LET DRNO=DDRNO: GO SUB 8300: LET DT=NOTRACKS: LET DS=SIDES
8015 REM DT AND DS
8020 REM
8030 IF DT<>ST OR DS<>SS THEN PRINT AT 20,0;"INCOMPATIBLE DISC FORMATS":
  PAUSE 80: RETURN
8035 REM
8040 LET T=0: LET S=1: LET SAVEDT=0: LET SAVEDS=1
8045 REM READ TRACKS
8050 GO SUB 9300
8060 GO SUB 8750: GO SUB 9100
8070 REM SAVE VALUES
8080 LET SAVES=S: LET SAVET=T: LET S=SAVEDS: LET T=SAVEDT
8090 REM WRITE TRACKS
8100 GO SUB 9340
8120 GO SUB 8750: GO SUB 9200
8125 REM FINISHED?
8130 IF T=DT THEN GO TO 8100
8135 REM SAVE VALUES
8170 LET SAVEDS=S: LET SAVEDT=T: LET S=SAVES: LET T=SAVET
8175 REM REPEAT UNTIL FINISHED
8180 GO TO 8050
8190 PAUSE 80
8200 RETURN
8205 REM GET TRACKS AND SIDES
8300 OPEN #4;" CAT ";DRNO: CLOSE #4: POKE DANDS,DRNO
8310 RANDOMIZE USR ENQM
8320 LET NOTRACKS=PEEK TRACK
8330 LET SIDES=1+INT (PEEK (DANDS)/16)
8340 RETURN
8645 REM GET INFORMATION ON UTILCODE
8650 LET A$=STR$ USR 8 (VERSIONE)
8660 LET F$="UTILCODE"+A$(LEN A$)
8670 OPEN #4:1:F$IN (F$=UTILCODE1)
8680 IF CODE INKEY$#4<>3 THEN PRINT "WRONG FILE TYPE: ";F$: STOP
8690 LET CODELEN=CODE INKEY$#4+256*CODE INKEY$#4
8700 LET CODESTART=CODE INKEY$#4+256*CODE INKEY$#4
8710 CLOSE #4
8720 RETURN
8745 REM SET UP BUFFER START FOR M/CODE
8750 POKE STARTBUFF+1,INT (BUFFSTART/256)
8760 POKE STARTBUFF,BUFFSTART-256*PEEK (STARTBUFF+1)
8770 RETURN
8895 REM SET UP DRIVE AND SIDE
8900 POKE DANDS,DRNO+16*(S-1)

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HEADER SU DISC  
 1 FILE TYPE  
 2 } LENGTH  
 3 }  
 4 } START ADDR.  
 5 }

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8910 RETURN
8995 REM GET A CATALOGUE ENTRY INTO C$
9000 FOR I=1 TO 16
9010 LET C$(I)=INKEY$#4
9020 NEXT I
9030 RETURN
9040 REM WRITE A CATALOGUE ENTRY FROM C$
9050 FOR I=1 TO 16
9060 PRINT #5;C$(I);
9070 NEXT I
9080 RETURN
9095 REM READ TRACKS
9100 FOR C=1 TO MAXT
9110 IF T=ST THEN GO TO 9160
9115 REM
9120 POKE TRACK,T: POKE DANDS,SDRNO+16*(S-1): RANDOMIZE USR READM
9125 REM
9130 IF S<SS THEN LET S=S+1: GO TO 9150
9140 IF S=SS THEN LET S=1: LET T=T+1
9150 NEXT C
9160 RETURN
9195 REM WRITE TRACKS
9200 FOR C=1 TO MAXT
9210 IF T=DT THEN GO TO 9260
9220 POKE TRACK,T: POKE DANDS,DDRNO+16*(S-1): RANDOMIZE USR WRITEM
9230 IF S<DS THEN LET S=S+1: GO TO 9250
9240 IF S=DS THEN LET S=1: LET T=T+1
9250 NEXT C
9260 RETURN
9295 REM INSERT SOURCE DISC
9300 PRINT AT 14,0;"PUT THE SOURCE DISC INTO DRIVE": PRINT "NUMBER ";SDR
NO
9310 GO SUB 9750
9320 PRINT AT 14,0;" " " " PRINT "
"
9330 RETURN
9340 PRINT AT 14,0;"PUT THE DESTINATION DISC INTO " " " PRINT "DRIVE NUMBER
";DDRNO
9350 GO SUB 9750
9360 PRINT AT 14,0;" " " " PRINT "
"
9370 RETURN
9400 GO SUB 9050
9410 LET NEXTBLK=LASTBLK+1
9420 RETURN
9500 LET SAVENBLK=NEXTBLK
9510 FOR N=FIRSTBLK TO LASTBLK
9520 PRINT #6;TAB N;
9530 POKE IX+7,128+PEEK (IX+7): POKE IX+12,NEXTBLK-INT (NEXTBLK/256)*256
: POKE IX+13,INT (NEXTBLK/256)
9540 LET NEXTBLK=NEXTBLK+1
9550 NEXT N
9630 LET C$(4)=CHR$ INT (SAVENBLK/256)
9635 LET C$(3)=CHR$ (SAVENBLK-256*CODE C$(4))
9640 LET C$(6)=CHR$ INT ((NEXTBLK-1)/256)
9645 LET C$(5)=CHR$ (NEXTBLK-1-256*CODE C$(6))
9650 GO SUB 9050
9660 RETURN
9700 PAUSE 0
9710 LET IS=INKEY$
9720 RETURN
9730 REM WAIT FOR ANY KEY
9750 PRINT AT 21,4;"PRESS ANY KEY WHEN READY"
9760 PAUSE 0
9770 PRINT AT 21,4;" " "
9780 RETURN
9795 REM MENU
9800 CLS
9802 PRINT AT 0,0;"? ?? "
9804 PRINT AT 1,0;"222222 22 2 ? "

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0806 PRINT AT 2,0;"2 22222 22 2"  
0808 PRINT AT 3,0;"2 22 22 22 2"  
0810 PRINT AT 4,0;"2 222 2 222"  
0812 PRINT AT 5,0;"222222222222222"  
0814 PRINT AT 11,6;"(1) FORMAT A DISC"  
0816 PRINT AT 13,6;"(2) BACKUP A DISC"  
0818 PRINT AT 15,6;"(3) COMPACT A DISC"  
0820 PRINT AT 17,6;"(4) FINISH"  
0840 PRINT AT 20,4;"ENTER THE NUMBER OF THE"  
0850 PRINT AT 21,4;"OPTION THAT YOU REQUIRE"  
0860 RETURN  
0870 REM  
0895 REM TITLE SCREEN  
0900 PRINT AT 4,0;"222 2 2222222222"  
0902 PRINT AT 5,0;"2 22 22 22 22222 22 2 22 22"  
0904 PRINT AT 6,0;"222 22222 22 2222 2 2 22 2 22"  
0906 PRINT AT 7,0;"2 22 22 22 2222 2 2 2 22 22 2"  
0908 PRINT AT 8,0;"22 22 22 22 222 22 22 22 22"  
0910 PRINT AT 9,0;" 2"  
0912 PRINT AT 11,6;"2 22 2 22 2 2"  
0914 PRINT AT 12,6;"2 2222 22 222 22 222"  
0916 PRINT AT 13,6;"2 22 2 22 2 2 22222"  
0918 PRINT AT 14,6;"2 2222 22 222 2 2 2"  
0920 PRINT AT 15,6;"222222 22 222 222 22"  
0930 PAUSE 80  
0940 RETURN
```

Note opus-dos

40 TRACCE / 18 SETTORI ( DA 00 A 11H )

Posiz. nel BUFFER  
con SPADSD

-DISCO UTILITY

|          |               | BLOCK | TK-SEC<br>DA A |      |      |                   |
|----------|---------------|-------|----------------|------|------|-------------------|
| RISEWATO | 00-00 / 00-03 | 0-3   | 00-04 / 00-03  | 700  | BFF  | 700 ÷ 18FF } TK0  |
| READHE   | 00-04 / 00-04 | 4-4   | 00-04 / 00-04  | 000  | CFF  | - } b             |
| READTXT  | 00-05 / 00-14 | 5-20  | 00-05 / 01-03  | 000  | 1CFF | 1900 ÷ 2AFF } TK1 |
| UTILITY  | 00-15 / 00-3B | 21-59 | 01-04 / 03-06  | 1000 | 43FF | 1900 ÷ 2AFF } TK1 |
| UTLCODE1 | 00-3C / 00-3D | 60-61 | 03-07 / 03-08  | 4000 | 45FF | 2B00 ÷ 3CFF } TK2 |
| BOOTSTR  | 00-3E / 00-3F | 62-63 | 03-09 / 03-0A  | 4600 | 47FF | 3D00 ÷ 4EFF } TK3 |
|          |               |       |                |      |      | 4F00 ÷ 66FF } TK4 |
|          |               |       |                |      |      | 6100 ÷ 72FF } TK5 |

1 TRACIA = 18 SETTORI x 256 BYTES = 4,5 KBYTES

1 DISCO 40 TRACCE = 180 Kb

|      |             |    |
|------|-------------|----|
| FC00 | 64512-->105 | C3 |
| FC01 | 64513-->28  | 1C |
| FC02 | 64514-->252 | FC |
| FC03 | 64515-->105 | C3 |
| FC04 | 64516-->120 | 81 |
| FC05 | 64517-->252 | FC |
| FC06 | 64518-->105 | C3 |
| FC07 | 64519-->152 | 08 |
| FC08 | 64520-->252 | FC |
| FC09 | 64521-->105 | C3 |
| FC0A | 64522-->161 | A1 |
| FC0B | 64523-->252 | FC |
| FC0C | 64524-->105 | C3 |
| FC0D | 64525-->100 | BE |
| FC0E | 64526-->252 | FC |
| FC0F | 64527-->105 | C3 |
| FC10 | 64528-->201 | C9 |
| FC11 | 64529-->252 | FC |
| FC12 | 64530-->105 | C3 |
| FC13 | 64531-->205 | CD |
| FC14 | 64532-->252 | FC |
| FC15 | 64533-->105 | C3 |
| FC16 | 64534-->100 | 64 |
| FC17 | 64535-->253 | FD |
| FC18 | 64536-->237 | ED |
| FC19 | 64537-->01  | 5B |
| FC1A | 64538-->2   | 02 |
| FC1B | 64539-->252 | FC |
| FC1C | 64540-->33  | 21 |
| FC1D | 64541-->87  | 57 |
| FC1E | 64542-->252 | FC |
| FC1F | 64543-->126 | 7E |
| FC20 | 64544-->35  | 23 |
| FC21 | 64545-->70  | 46 |
| FC22 | 64546-->5   | 05 |
| FC23 | 64547-->4   | 04 |
| FC24 | 64548-->40  | 28 |
| FC25 | 64549-->6   | 06 |
| FC26 | 64550-->35  | 23 |
| FC27 | 64551-->205 | CD |
| FC28 | 64552-->82  | 52 |
| FC29 | 64553-->252 | FC |
| FC2A | 64554-->24  | 18 |
| FC2B | 64555-->243 | F3 |
| FC2C | 64556-->35  | 23 |
| FC2D | 64557-->34  | 22 |
| FC2E | 64558-->244 | F4 |
| FC2F | 64559-->253 | FD |
| FC30 | 64560-->14  | 0E |
| FC31 | 64561-->18  | 12 |
| FC32 | 64562-->42  | 2A |
| FC33 | 64563-->244 | F4 |
| FC34 | 64564-->253 | FD |
| FC35 | 64565-->126 | 7E |
| FC36 | 64566-->35  | 23 |
| FC37 | 64567-->70  | 46 |
| FC38 | 64568-->5   | 05 |
| FC39 | 64569-->4   | 04 |
| FC3A | 64570-->40  | 28 |
| FC3B | 64571-->6   | 06 |
| FC3C | 64572-->35  | 23 |

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|      |             |    |
|------|-------------|----|
| FC3D | 64573-->235 | CD |
| FC3E | 64574-->82  | 52 |
| FC3F | 64575-->252 | FC |
| FC40 | 64576-->24  | 18 |
| FC41 | 64577-->243 | F3 |
| FC42 | 64578-->35  | 23 |
| FC43 | 64579-->13  | 0D |
| FC44 | 64580-->32  | 20 |
| FC45 | 64581-->236 | EC |
| FC46 | 64582-->62  | 3E |
| FC47 | 64583-->78  | 4E |
| FC48 | 64584-->6   | 06 |
| FC49 | 64585-->0   | 00 |
| FC4A | 64586-->235 | CD |
| FC4B | 64587-->82  | 52 |
| FC4C | 64588-->252 | FC |
| FC4D | 64589-->231 | C0 |
| FC4E | 64590-->18  | 12 |
| FC4F | 64591-->10  | 13 |
| FC50 | 64592-->16  | 10 |
| FC51 | 64593-->252 | FC |
| FC52 | 64594-->201 | C0 |
| FC53 | 64595-->78  | 4E |
| FC54 | 64596-->40  | 28 |
| FC55 | 64597-->0   | 00 |
| FC56 | 64598-->12  | 0C |
| FC57 | 64599-->246 | F6 |
| FC58 | 64600-->3   | 03 |
| FC59 | 64601-->252 | FC |
| FC5A | 64602-->1   | 01 |
| FC5B | 64603-->78  | 4E |
| FC5C | 64604-->25  | 10 |
| FC5D | 64605-->0   | 00 |
| FC5E | 64606-->0   | 00 |
| FC5F | 64607-->0   | 00 |
| FC60 | 64608-->12  | 0C |
| FC61 | 64609-->245 | F5 |
| FC62 | 64610-->3   | 03 |
| FC63 | 64611-->254 | FE |
| FC64 | 64612-->1   | 01 |
| FC65 | 64613-->0   | 00 |
| FC66 | 64614-->3   | 03 |
| FC67 | 64615-->1   | 01 |
| FC68 | 64616-->1   | 01 |
| FC69 | 64617-->247 | F7 |
| FC6A | 64618-->1   | 01 |
| FC6B | 64619-->78  | 4E |
| FC6C | 64620-->22  | 16 |
| FC6D | 64621-->0   | 00 |
| FC6E | 64622-->12  | 0C |
| FC6F | 64623-->245 | F5 |
| FC70 | 64624-->3   | 03 |
| FC71 | 64625-->251 | FB |
| FC72 | 64626-->1   | 01 |
| FC73 | 64627-->220 | E5 |
| FC74 | 64628-->250 | FA |
| FC75 | 64629-->220 | E5 |
| FC76 | 64630-->6   | 06 |
| FC77 | 64631-->247 | F7 |
| FC78 | 64632-->1   | 01 |
| FC79 | 64633-->78  | 4E |

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|      |             |    |
|------|-------------|----|
| FC7A | 64634-->18  | 12 |
| FC7B | 64635-->0   | 00 |
| FC7C | 64636-->0   | 00 |
| FC7D | 64637-->205 | CD |
| FC7E | 64638-->206 | CE |
| FC7F | 64639-->253 | FD |
| FC80 | 64640-->33  | 21 |
| FC81 | 64641-->246 | F6 |
| FC82 | 64642-->253 | FD |
| FC83 | 64643-->34  | 22 |
| FC84 | 64644-->2   | 02 |
| FC85 | 64645-->252 | FC |
| FC86 | 64646-->33  | 21 |
| FC87 | 64647-->160 | A0 |
| FC88 | 64648-->0   | 00 |
| FC89 | 64649-->1   | 01 |
| FC8A | 64650-->0   | 00 |
| FC8B | 64651-->1   | 01 |
| FC8C | 64652-->205 | CD |
| FC8D | 64653-->241 | F1 |
| FC8E | 64654-->252 | FC |
| FC8F | 64655-->210 | D2 |
| FC90 | 64656-->0   | 00 |
| FC91 | 64657-->7   | 07 |
| FC92 | 64658-->207 | CF |
| FC93 | 64659-->47  | 2F |
| FC94 | 64660-->205 | CD |
| FC95 | 64661-->206 | CE |
| FC96 | 64662-->253 | FD |
| FC97 | 64663-->205 | CD |
| FC98 | 64664-->120 | 78 |
| FC99 | 64665-->253 | FD |
| FC9A | 64666-->105 | C3 |
| FC9B | 64667-->0   | 00 |
| FC9C | 64668-->7   | 07 |
| FC9D | 64669-->205 | CD |
| FC9E | 64670-->206 | CE |
| FC9F | 64671-->253 | FD |
| FCA0 | 64672-->33  | 21 |
| FCA1 | 64673-->108 | C6 |
| FCA2 | 64674-->253 | FD |
| FCA3 | 64675-->237 | ED |
| FCA4 | 64676-->01  | 5B |
| FCA5 | 64677-->2   | 02 |
| FCA6 | 64678-->252 | FC |
| FCA7 | 64679-->221 | DD |
| FCA8 | 64680-->126 | 7E |
| FCA9 | 64681-->7   | 07 |
| FCAA | 64682-->230 | E6 |
| FCAB | 64683-->4   | 04 |
| FCAC | 64684-->246 | F6 |
| FCAD | 64685-->240 | F0 |
| FCAE | 64686-->243 | F3 |
| FCAF | 64687-->205 | CD |
| FCB0 | 64688-->141 | 8D |
| FCB1 | 64689-->253 | FD |
| FCB2 | 64690-->251 | FB |
| FCB3 | 64691-->230 | E6 |
| FCB4 | 64692-->68  | 44 |
| FCB5 | 64693-->202 | CA |
| FCB6 | 64694-->0   | 00 |

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|      |             |    |
|------|-------------|----|
| FCB7 | 64605-->7   | 07 |
| FCB8 | 64606-->207 | CF |
| FCB9 | 64607-->45  | 2D |
| FCBA | 64608-->205 | CD |
| FCBB | 64609-->206 | CE |
| FCBC | 64700-->253 | FD |
| FCBD | 64701-->14  | 0E |
| FCBE | 64702-->80  | 50 |
| FCBF | 64703-->205 | CD |
| FCC0 | 64704-->122 | 7A |
| FCC1 | 64705-->253 | FD |
| FCC2 | 64706-->195 | C3 |
| FCC3 | 64707-->0   | 00 |
| FCC4 | 64708-->7   | 07 |
| FCC5 | 64709-->46  | 2E |
| FCC6 | 64710-->176 | B0 |
| FCC7 | 64711-->24  | 18 |
| FCC8 | 64712-->2   | 02 |
| FCC9 | 64713-->46  | 2E |
| FCCA | 64714-->144 | 90 |
| FCCB | 64715-->229 | E5 |
| FCCC | 64716-->205 | CD |
| FCCD | 64717-->206 | CE |
| FCCE | 64718-->253 | FD |
| FCCF | 64719-->225 | E1 |
| FCD0 | 64720-->58  | 3A |
| FCD1 | 64721-->1   | 01 |
| FCD2 | 64722-->252 | FC |
| FCD3 | 64723-->103 | 67 |
| FCD4 | 64724-->1   | 01 |
| FCD5 | 64725-->255 | FF |
| FCD6 | 64726-->255 | FF |
| FCD7 | 64727-->205 | CD |
| FCD8 | 64728-->241 | F1 |
| FCD9 | 64729-->252 | FC |
| FCDA | 64730-->58  | 3A |
| FCDB | 64731-->2   | 02 |
| FCDC | 64732-->56  | 38 |
| FCDD | 64733-->47  | 2F |
| FCDE | 64734-->221 | DD |
| FCDF | 64735-->150 | 96 |
| FCE0 | 64736-->1   | 01 |
| FCE1 | 64737-->221 | DD |
| FCE2 | 64738-->150 | 96 |
| FCE3 | 64739-->3   | 03 |
| FCE4 | 64740-->32  | 20 |
| FCE5 | 64741-->120 | 78 |
| FCE6 | 64742-->237 | ED |
| FCE7 | 64743-->83  | 53 |
| FCE8 | 64744-->2   | 02 |
| FCE9 | 64745-->252 | FC |
| FCEA | 64746-->195 | C3 |
| FCEB | 64747-->0   | 00 |
| FCEC | 64748-->7   | 07 |
| FCED | 64749-->197 | C5 |
| FCEE | 64750-->229 | E5 |
| FCEF | 64751-->33  | 21 |
| FCF0 | 64752-->0   | 00 |
| FCF1 | 64753-->48  | 30 |
| FCF2 | 64754-->58  | 3A |

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| FCF2 | 64754-->58  | 3A |
| FCF3 | 64755-->0   | 00 |
| FCF4 | 64756-->48  | 30 |
| FCF5 | 64757-->230 | E6 |
| FCF6 | 64758-->208 | D0 |
| FCF7 | 64759-->71  | 47 |
| FCF8 | 64760-->221 | DD |
| FCF9 | 64761-->126 | 7E |
| FCFA | 64762-->2   | 02 |
| FCFB | 64763-->230 | E6 |
| FCFC | 64764-->47  | 2F |
| FCFD | 64765-->176 | B0 |
| FCFE | 64766-->190 | BE |
| FCFF | 64767-->40  | 28 |
| FD00 | 64768-->17  | 11 |
| FD01 | 64769-->119 | 77 |
| FD02 | 64770-->221 | DD |
| FD03 | 64771-->126 | 7E |
| FD04 | 64772-->8   | 08 |
| FD05 | 64773-->60  | 3C |
| FD06 | 64774-->40  | 28 |
| FD07 | 64775-->7   | 07 |
| FD08 | 64776-->61  | 3D |
| FD09 | 64777-->47  | 2F |
| FD0A | 64778-->50  | 32 |
| FD0B | 64779-->1   | 01 |
| FD0C | 64780-->56  | 38 |
| FD0D | 64781-->24  | 18 |
| FD0E | 64782-->3   | 03 |
| FD0F | 64783-->205 | CD |
| FD10 | 64784-->120 | 78 |
| FD11 | 64785-->253 | FD |
| FD12 | 64786-->225 | F1 |
| FD13 | 64787-->221 | DD |
| FD14 | 64788-->70  | 46 |
| FD15 | 64789-->6   | 06 |
| FD16 | 64790-->14  | 0E |
| FD17 | 64791-->20  | 14 |
| FD18 | 64792-->124 | 7C |
| FD19 | 64793-->47  | 2F |
| FD1A | 64794-->50  | 32 |
| FD1B | 64795-->3   | 03 |
| FD1C | 64796-->56  | 38 |
| FD1D | 64797-->205 | CD |
| FD1E | 64798-->122 | 7A |
| FD1F | 64799-->253 | FD |
| FD20 | 64800-->230 | E6 |
| FD21 | 64801-->24  | 18 |
| FD22 | 64802-->40  | 28 |
| FD23 | 64803-->10  | 0A |
| FD24 | 64804-->197 | C5 |
| FD25 | 64805-->205 | CD |
| FD26 | 64806-->120 | 78 |
| FD27 | 64807-->253 | FD |
| FD28 | 64808-->193 | C1 |
| FD29 | 64809-->16  | 10 |
| FD2A | 64810-->237 | ED |
| FD2B | 64811-->207 | CF |
| FD2C | 64812-->47  | 2F |
| FD2D | 64813-->196 | C4 |
| FD2E | 64814-->193 | C1 |

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| FD2E | 64814-->193 | C1 |
| FD2F | 64815-->221 | DD |
| FD30 | 64816-->192 | 66 |
| FD31 | 64817-->6   | 06 |
| FD32 | 64818-->221 | DD |
| FD33 | 64819-->126 | 7E |
| FD34 | 64820-->7   | 07 |
| FD35 | 64821-->230 | E6 |
| FD36 | 64822-->4   | 04 |
| FD37 | 64823-->181 | B5 |
| FD38 | 64824-->197 | C5 |
| FD39 | 64825-->237 | ED |
| FD3A | 64826-->91  | 5B |
| FD3B | 64827-->2   | 02 |
| FD3C | 64828-->252 | FC |
| FD3D | 64829-->220 | E5 |
| FD3E | 64830-->33  | 21 |
| FD3F | 64831-->183 | B7 |
| FD40 | 64832-->253 | FD |
| FD41 | 64833-->203 | CB |
| FD42 | 64834-->111 | 6F |
| FD43 | 64835-->40  | 28 |
| FD44 | 64836-->2   | 02 |
| FD45 | 64837-->46  | 2E |
| FD46 | 64838-->198 | C6 |
| FD47 | 64839-->243 | F3 |
| FD48 | 64840-->205 | CD |
| FD49 | 64841-->141 | 8D |
| FD4A | 64842-->253 | FD |
| FD4B | 64843-->251 | FB |
| FD4C | 64844-->225 | F1 |
| FD4D | 64845-->193 | C1 |
| FD4E | 64846-->230 | E6 |
| FD4F | 64847-->124 | 7C |
| FD50 | 64848-->200 | C8 |
| FD51 | 64849-->230 | E6 |
| FD52 | 64850-->108 | 6C |
| FD53 | 64851-->55  | 37 |
| FD54 | 64852-->200 | C8 |
| FD55 | 64853-->230 | E6 |
| FD56 | 64854-->64  | 40 |
| FD57 | 64855-->40  | 28 |
| FD58 | 64856-->2   | 02 |
| FD59 | 64857-->207 | CF |
| FD5A | 64858-->45  | 2D |
| FD5B | 64859-->37  | 25 |
| FD5C | 64860-->32  | 20 |
| FD5D | 64861-->212 | D4 |
| FD5E | 64862-->207 | CF |
| FD5F | 64863-->47  | 2F |
| FD60 | 64864-->205 | CD |
| FD61 | 64865-->206 | CE |
| FD62 | 64866-->253 | FD |
| FD63 | 64867-->221 | DD |
| FD64 | 64868-->126 | 7E |
| FD65 | 64869-->2   | 02 |
| FD66 | 64870-->230 | E6 |
| FD67 | 64871-->16  | 10 |
| FD68 | 64872-->50  | 32 |
| FD69 | 64873-->0   | 00 |
| FD6A | 64874-->252 | FC |

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| FD6B | 64875-->221 | DD |
| FD6C | 64876-->126 | 7E |
| FD6D | 64877-->0   | 00 |
| FD6E | 64878-->50  | 32 |
| FD6F | 64879-->1   | 01 |
| FD70 | 64880-->252 | FC |
| FD71 | 64881-->195 | C3 |
| FD72 | 64882-->0   | 00 |
| FD73 | 64883-->7   | 07 |
| FD74 | 64884-->14  | 0E |
| FD75 | 64885-->0   | 00 |
| FD76 | 64886-->221 | DD |
| FD77 | 64887-->126 | 7E |
| FD78 | 64888-->7   | 07 |
| FD79 | 64889-->230 | E6 |
| FD7A | 64890-->11  | 0B |
| FD7B | 64891-->177 | B1 |
| FD7C | 64892-->205 | CD |
| FD7D | 64893-->141 | 8D |
| FD7E | 64894-->253 | FD |
| FD7F | 64895-->245 | F5 |
| FD80 | 64896-->58  | 3A |
| FD81 | 64897-->1   | 01 |
| FD82 | 64898-->56  | 38 |
| FD83 | 64899-->47  | 2F |
| FD84 | 64900-->221 | DD |
| FD85 | 64901-->119 | 77 |
| FD86 | 64902-->8   | 08 |
| FD87 | 64903-->241 | F1 |
| FD88 | 64904-->201 | C9 |
| FD89 | 64905-->47  | 2F |
| FD8A | 64906-->50  | 32 |
| FD8B | 64907-->0   | 00 |
| FD8C | 64908-->56  | 38 |
| FD8D | 64909-->175 | AF |
| FD8E | 64910-->61  | 3D |
| FD8F | 64911-->32  | 20 |
| FD90 | 64912-->253 | FD |
| FD91 | 64913-->205 | CD |
| FD92 | 64914-->161 | A1 |
| FD93 | 64915-->253 | FD |
| FD94 | 64916-->58  | 3A |
| FD95 | 64917-->0   | 00 |
| FD96 | 64918-->56  | 38 |
| FD97 | 64919-->47  | 2F |
| FD98 | 64920-->203 | CB |
| FD99 | 64921-->71  | 47 |
| FD9A | 64922-->32  | 20 |
| FD9B | 64923-->245 | F5 |
| FD9C | 64924-->201 | C9 |
| FD9D | 64925-->62  | 3E |
| FD9E | 64926-->254 | FE |
| FD9F | 64927-->219 | DB |
| FDA0 | 64928-->254 | FE |
| FDA1 | 64929-->15  | 0F |
| FDA2 | 64930-->216 | D8 |
| FDA3 | 64931-->62  | 3E |
| FDA4 | 64932-->127 | 7F |
| FDA5 | 64933-->219 | DB |
| FDA6 | 64934-->254 | FE |

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|------|----------|-----|----|
| FDA7 | 64935--- | 15  | 0F |
| FDA8 | 64936--- | 216 | D8 |
| FDA9 | 64937--- | 62  | 3E |
| FDAA | 64938--- | 47  | 2F |
| FDAB | 64939--- | 50  | 32 |
| FDAC | 64940--- | 0   | 00 |
| FDAD | 64941--- | 56  | 38 |
| FDAE | 64942--- | 251 | FB |
| FDAF | 64943--- | 118 | 76 |
| FDB0 | 64944--- | 215 | D7 |
| FDB1 | 64945--- | 82  | 52 |
| FDB2 | 64946--- | 5   | 05 |
| FDB3 | 64947--- | 8   | 08 |
| FDB4 | 64948--- | 120 | 78 |
| FDB5 | 64949--- | 177 | B1 |
| FDB6 | 64950--- | 58  | 3A |
| FDB7 | 64951--- | 3   | 03 |
| FDB8 | 64952--- | 56  | 38 |
| FDB9 | 64953--- | 40  | 28 |
| FDBA | 64954--- | 4   | 04 |
| FDBB | 64955--- | 47  | 2F |
| FDBC | 64956--- | 18  | 12 |
| FDBD | 64957--- | 19  | 13 |
| FDBE | 64958--- | 11  | 0B |
| FDBF | 64959--- | 8   | 08 |
| FDC0 | 64960--- | 237 | ED |
| FDC1 | 64961--- | 60  | 45 |
| FDC2 | 64962--- | 8   | 08 |
| FDC3 | 64963--- | 26  | 1A |
| FDC4 | 64964--- | 47  | 2F |
| FDC5 | 64965--- | 50  | 32 |
| FDC6 | 64966--- | 3   | 03 |
| FDC7 | 64967--- | 56  | 38 |
| FDC8 | 64968--- | 24  | 18 |
| FDC9 | 64969--- | 243 | F3 |
| FDCA | 64970--- | 205 | CD |
| FDCB | 64971--- | 8   | 08 |
| FDCC | 64972--- | 23  | 17 |
| FDCD | 64973--- | 58  | 3A |
| FDCE | 64974--- | 0   | 00 |
| FDCF | 64975--- | 252 | FC |
| FDD0 | 64976--- | 230 | E6 |
| FDD1 | 64977--- | 15  | 0F |
| FDD2 | 64978--- | 6   | 06 |
| FDD3 | 64979--- | 255 | FF |
| FDD4 | 64980--- | 247 | F7 |
| FDD5 | 64981--- | 14  | 0E |
| FDD6 | 64982--- | 220 | E5 |
| FDD7 | 64983--- | 221 | DD |
| FDD8 | 64984--- | 225 | E1 |
| FDD9 | 64985--- | 221 | DD |
| FDDA | 64986--- | 126 | 7E |
| FDDB | 64987--- | 2   | 02 |
| FDDC | 64988--- | 230 | E6 |
| FDDD | 64989--- | 15  | 0F |
| FDDE | 64990--- | 87  | 57 |
| FDDF | 64991--- | 58  | 3A |
| FDE0 | 64992--- | 0   | 00 |
| FDE1 | 64993--- | 252 | FC |
| FDE2 | 64994--- | 230 | E6 |
| FDE3 | 64995--- | 16  | 10 |

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|------|-------------|----|
| FDE4 | 64006-->178 | B2 |
| FDE5 | 64007-->50  | 32 |
| FDE6 | 64008-->0   | 00 |
| FDE7 | 64009-->48  | 30 |
| FDE8 | 65000-->221 | DD |
| FDE9 | 65001-->126 | 7E |
| FDEA | 65002-->3   | 03 |
| FDEB | 65003-->47  | 2F |
| FDEC | 65004-->50  | 32 |
| FDED | 65005-->2   | 02 |
| FDEE | 65006-->56  | 38 |
| FDEF | 65007-->201 | C9 |
| FDF0 | 65008-->0   | 00 |
| FDF1 | 65009-->0   | 00 |
| FDF2 | 65010-->13  | 0D |
| FDF3 | 65011-->10  | 0A |
| FDF4 | 65012-->48  | 30 |
| FDF5 | 65013-->0   | 00 |