

LISTING 2

LISTING 1

```
10 REM DDFM(c) J-L CHEYNARD 01/1987
20 BORDER 0:INK 0,0:PAPER 0:INK 1,2
6:PEN 1
30 INK 2,13:INK 3,13,26:SPEED INK 2
0,20:MODE 0
40 A$="MEGAHERTZ PRESENTE"
50 LOCATE 1,3:GOSUB 110
60 A$="D.D.F.M.":PEN 3
70 LOCATE 7,12:GOSUB 110
80 A$=CHR$(164)+" J-L CHEYNARD 01/8
7":PEN 2
90 LOCATE 1,22:GOSUB 110
100 RUN"!DDFM.bin"
110 X=1
120 B$=MID$(A$,X,1)
130 PRINT B$;:SOUND 1,1204,10,15
140 X=X+1
150 L=LEN(A$)+1
160 WHILE X<L
170 FOR T=1 TO 150:NEXT T
180 GOSUB 120
190 WEND
200 RETURN
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10 REM DDFM(c) J-L CHEYNARD 01/1987
20 REM Initialisations
30 ON ERROR GOTO 3320
40 OPENOUT"D":MEMORY HIMEM-1:CLOSED
UT
50 IF HIMEM<39000 THEN ds=1 ELSE ds
=0
60 DIM dep$(96):RESTORE 70:FOR i=1
TO 96:READ dep$(i):NEXT
70 DATA 01AIN,02AISNE,03ALLIER,04AL
PES HAUTE PROVENCE,05HAUTES ALPES,0
6ALPES MARITIMES,07ARDECHE,08BARDENN
ES,09ARIEGE,10AUBE,11AUDE,12AVEYRON
,13BOUCHES DU RHONE,14CALVADOS,15CA
NTAL,16CHARENTE,17CHARENTE MARITIME
,18CHER,19CORREZE,2ACORSE SUD,2BHAU
TE CORSE
80 DATA 21COTE D'OR,22COTES DU NORD
,23CREUSE,24DORDOGNE,25DOUBS,26DROM
E,27EURE,28EURE ET LOIR,29FINISTERE
,30GARD,31HAUTE GARONNE,32GERS,33GI
RONDE,34HERAULT,35ILLE ET VILAINE.3
6INDRE,37INDRE ET LOIRE,38ISERE,39J
URA,40LANDES,41LOIR ET CHER,42LOIRE
90 DATA 43HAUTE LOIRE,44LOIRE ATLAN
TIQUE,45LOIRET,46LOT,47LOT ET GARON
NE,48LOZERE,49MAINE ET LOIRE,50MANC
HE,51MARNE,52HAUTE MARNE,53MAYENNE,
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54MEURTHE ET MOSELLE,55MEUSE,56MORB
IHAN,57MOSELLE,58NIEVRE,59NORD,60O
SE,61ORNE,62PAS DE CALAIS,63PUY DE
DOMME
100 DATA 64PYRENEES ATLANTIQUE,65HA
UTES PYRENEES,66PYRENEES ORIENTALES
,67BAS RHIN,68HAUT RHIN,69RHONE,70H
AUTE SAONE,71SAONE ET LOIRE,72SARTH
E,73SAVOIE,74HAUTE SAVOIE,75VILLE D
E PARIS,76SEINE MARITIME,77SEINE ET
MARNE,78YVELINES,79DEUX SEVRES,80S
OMME
110 DATA 81TARN,82TARN ET GARONNE,8
3VAR,84VAUCLUSE,85VENDEE,86VIENNE,8
7HAUTE VIENNE,88VOSGES,89YONNE,90TE
RRITOIRE DE BELFORT,91ESSONNE,92HAU
TS DE SEINE,93SEINE SAINT DENIS,94V
AL DE MARNE,95VAL D'OISE
120 RESTORE 130:FOR i=1 TO 10:READ
en$(i):NEXT
130 DATA INDICATIF      =,DATE
      =,HEURE            =,FREQUENCE      =,R
EPORT DONNE =,REPORT RECU =,LOCATO
R      =,MODE            =,MA QSL
      =,SA QSL           =
140 RESTORE 150:FOR i=1 TO 5:READ e
t$(i):NEXT
150 DATA Vos Prenom et Nom,Adresse
(No et rue),Code post. et ville,Ind
icatif,Locator
160 DIM bd$(13):RESTORE 170:FOR i=1
TO 13:READ bd$(i):NEXT
170 DATA B18M      1.8 Megahertz,B35M
      3.5 a 3.8 Mhz,B07M      7 Megahert
z,B10M      10 Megahertz,B14M      14 M
egahertz,B18M      18 Megahertz,B21M
      21 Megahertz
180 DATA B24M      24 Megahertz,B29M
      28 a 30 Mhz,B144      144 a 146 Mh
z,B432      430 a 440 Mhz,B126      1.2 a
      1.3 Ghz,B236      2.3 a 2.4 Ghz
190 RESTORE 200:FOR i=1 TO 9:READ m
u$(i):NEXT
200 DATA CREER/EFFACER FICHIER DDFM
,SAISIE/MODIFICATION QSO,LISTER LE
FICHIER,SAUVEGARDER LE FICHIER,CATA
LOGUE DISQUE/CASSETTE,CHARGER UN FI
CHIER EXISTANT,RECHERCHE QSO,QUEL D
IPLOME ?,LISTER LES DEPARTEMENTS
210 me$(1)=" Votre fichier s'appell
e "
220 me$(2)="Vous cherchez a obtenir
le Diplome des"
230 me$(3)="Departements de France
Metropolitaine"
240 me$(4)="pour la bande ":me$(5)=
"dans le mode "
250 MODE 1:INK 2,14:GOTO 2980
260 REM Sous-programmes
270 1=INT((33-LEN(mu$(a)))/2):PRINT
#3,SPC(1);mu$(a):RETURN
280 LOCATE#1,7,6:PRINT#1,"1 - Liste

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r sur imprimante"
290 LOCATE#1,7,9:PRINT#1,"2 - Liste
r sur ecran"
300 LOCATE#1,7,12:PRINT#1,"3 - Reto
ur au menu":RETURN
310 p=(INP(&F500)AND 64):IF p=0 THE
N RETURN ELSE LOCATE#2,1,1
320 PRINT#2,CHR$(7);" Votre imprima
nte n'est pas branchee!";
330 FOR t=1 TO 2000:NEXT:CLS#2:RETU
RN
340 IF f$=""THEN 3030
350 CLS#1:CLS#2:CLS#3:RETURN
360 LOCATE#2,5,1:PRINT#2,"Une touch
e pour retour au menu":CALL &BB06:G
OTO 3030
370 REM Creation/Effacement fichier
380 CLS#1:CLS#3:GOSUB 270
390 IF LEN(f$)<>0 THEN LOCATE#1,6,3
:PEN#1,2:PRINT#1,f$;:PEN#1,1:PRINT#
1," est deja cree !"ELSE 520
400 LOCATE#1,6,6:PRINT#1,"Voulez-vo
us l'effacer (O/N)"
410 LOCATE#1,4,9:PRINT#1,"ATTENTION
! Si vous repondez ";:PEN#1,2:PRIN
T#1,"OUI":PEN#1,1
420 LOCATE#1,2,12:PRINT#1,"vous eff
acez le fichier en memoire !"
430 a$=UPPER$(INKEY$):IF a$="O"THEN
460
440 IF a$="N"THEN 3030
450 GOTO 430
460 LOCATE#1,8,16:PRINT#1,"Il vous
reste une chance!"
470 LOCATE#1,10,18:PRINT#1,CHR$(7);
"ON EFFACE Oui ou Non"
480 a$=UPPER$(INKEY$):IF a$="O"THEN
RUN
490 IF a$="N"THEN 3030
500 GOTO 480
510 REM Choix mode
520 CLS#1:LOCATE#1,3,2:PRINT#1,"1-M
ORSE 2-PHONIE 3-RTTY 4-AUTRES"
530 LOCATE#1,9,5:PRINT#1,"CHOIX MOD
E D'EMISSION"
540 a$=UPPER$(INKEY$):a=VAL(a$):ON
a GOTO 550,560,570,580:GOTO 540
550 m$="MORSE":GOTO 620
560 m$="PHONIE":GOTO 620
570 m$="RTTY":GOTO 620
580 LOCATE#1,7,8:PEN#1,2:PRINT#1,"A
UTRE MODE (8 Carac. Max.)":PEN#1,1
590 LOCATE#1,14,11:PRINT#1,CHR$(18)
;CHR$(243);:INPUT#1," ",m$
600 IF LEN(m$)>8 OR LEN(m$)=0 THEN
580
610 m$=UPPER$(m$):IF LEN(m$)<4 THEN
m$=m$+"000"
620 LOCATE#1,7,14:PRINT#1,"VOUS AVE
Z CHOISI : ";:PEN#1,2:PRINT#1,m$:PE
N#1,1
630 LOCATE#1,8,17:PRINT#1,"ETES-VOU

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S D'ACCORD (O/N)"
640 a$=UPPER$(INKEY$):IF a$="O"THEN
m$=LEFT$(m$,4):GOTO 680
650 IF a$="N"THEN 520
660 GOTO 640
670 REM Choix de la frequence
680 CLS#1:PRINT#1," CHOIX DE LA
BANDE DE FREQUENCE"
690 FOR i=1 TO 9:PEN#1,2:PRINT#1,"
";i;" ";:PEN#1,1:PRINT#1,bd$(
i):NEXT
700 FOR i=10 TO 13:PEN#1,2:PRINT#1,
" ";CHR$(i+55);" ";:PEN#1,1
:PRINT#1,bd$(i):NEXT
710 LOCATE#1,7,16:PRINT#1,CHR$(147)
;CHR$(243);" VOTRE CHOIX ";CHR$(
243);
720 b$="123456789ABCD"
730 a$=UPPER$(INKEY$)
740 FOR i=1 TO 13:WHILE a$=MID$(b$,
i,1):GOTO 750:WEND:NEXT:GOTO 720
750 PEN#1,2:PRINT#1," "a$:PEN#1,1:a
$="&" +a$:a=VAL(a$)
760 b$=LEFT$(bd$(a),4):d$=RIGHT$(bd
$(a),13)
770 LOCATE#1,4,18:PRINT#1,"VOUS AVE
Z CHOISI : ";
780 PEN#1,2:PRINT#1,d$:PEN#1,1
790 LOCATE#1,8,20:PRINT#1,"ETES-VOU
S D'ACCORD (O/N)"
800 a$=UPPER$(INKEY$):IF a$="O"THEN
840
810 IF a$="N"THEN 680
820 GOTO 800
830 REM Recapitulation fichier
840 CLS#1:f$=m$+b$+".DFM":f$=UPPER$(
f$)
850 LOCATE#1,1,3:PRINT#1,me$(1);:PE
N#1,2:PRINT#1,f$:PEN#1,1
860 LOCATE#1,1,6:PRINT#1,me$(2);:LO
CATE#1,1,9:PRINT#1,me$(3);
870 LOCATE#1,7,12:PRINT#1,me$(4);:P
EN#1,2:PRINT#1,d$:PEN#1,1
880 LOCATE#1,11,15:PRINT#1,me$(5);:
PEN#1,2:PRINT#1,m$:PEN#1,1
890 ty$="DDFM pour la bande "+d$+"
dans le mode "+m$
900 LOCATE#1,8,18:PRINT#1,"ETES-VOU
S D'ACCORD (O/N)"
910 a$=UPPER$(INKEY$):IF a$="O"THEN
DIM q$(96,10):GOTO 950
920 IF a$="N"THEN 520
930 GOTO 910
940 REM Entree coordonnees
950 CLS#1:CLS#3:LOCATE#3,6,1:PRINT#
3,"ENTREZ VOS COORDONNEES"
960 FOR i=1 TO 5:j=2*i:LOCATE#1,8,j
970 PEN#1,2:PRINT#1,et$(i):PEN#1,1:
LOCATE#1,4,j+1
980 PRINT#1,CHR$(18);CHR$(243);:INP
UT#1," ",o$(i):NEXT
990 LOCATE#1,8,j+3:PRINT#1,"No du d

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epartement d'origine"
1000 PRINT#1," ";CHR$(18);CHR$(24
3);:INPUT#1," ",dept$
1010 IF LEN(dept$)<>2 THEN 990
1020 FOR i=1 TO 96:WHILE dept$=LEFT
$(dept$(i),2):GOTO 1030:WEND:NEXT:GO
TO 990
1030 do$=MID$(dept$(i),3,21):PEN#1,2
:PRINT#1," ";CHR$(243);" ";do$:
PEN#1,1
1040 LOCATE#1,8,19:PRINT#1,"ETES-VO
US D'ACCORD (O/N)"
1050 a$=UPPER$(INKEY$):IF a$="O"THE
N 3030
1060 IF a$="N"THEN 950
1070 GOTO 1050
1080 REM Saisie/Modification
1090 GOSUB 340:GOSUB 270
1100 LOCATE#2,6,1:PRINT#2,"Entrez 1
e. No du departement:"
1110 LOCATE#2,14,2:PRINT#2,CHR$(18)
;CHR$(243);:INPUT#2," ",de$
1120 de$=UPPER$(de$):CLS#1:IF LEN(d
e$)<>2 THEN 1100
1130 FOR i=1 TO 96:WHILE de$=LEFT$(
dept$(i),2):GOTO 1160:WEND:NEXT:GOTO
1140
1140 LOCATE#1,5,5:PRINT#1,"Ce depar
tement n'existe pas !"
1150 GOTO 1100
1160 e$=MID$(dept$(i),3,21):l=LEN(e$
+de$)+9
1170 CLS#1:CLS#3:l=INT(33-l)/2:LOCA
TE#3,1,1:PRINT#3,"Dept. ";de$;" ",
e$
1180 l=LEN(q$(i,1)):IF l=0 THEN 120
0
1190 IF l<>0 THEN 1330
1200 LOCATE#1,5,2:PRINT#1,"Pas enco
re de QSO dans le ";de$
1210 LOCATE#2,5,1:PRINT#2,"8 caract
eres maxi par entree!"
1220 LOCATE#2,5,2:PRINT#2,"Sauf QSL
, 1 caractere ";
1230 PEN#2,1:WRITE#2,"O ou N":PEN#2
,2
1240 FOR j=1 TO 8:LOCATE#1,8,(3+j):
PRINT#1,en$(j);
1250 LOCATE#1,21,(3+j):PRINT#1,CHR$(
18);CHR$(243);:INPUT#1," ",q$(i,j
)
1260 IF LEN(q$(i,j))>8 THEN 1250
1270 NEXT:FOR j=9 TO 10
1280 LOCATE#1,8,(3+j):PRINT#1,en$(j
);
1290 LOCATE#1,21,(3+j):PRINT#1,CHR$(
18);CHR$(243);:INPUT#1," ",q$(i,j
)
1300 q$(i,j)=UPPER$(q$(i,j)):IF q$(
i,j)=""THEN 1320
1310 IF q$(i,j)<>"O"AND q$(i,j)<>"N
"THEN 1280

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1320 NEXT:GOTO 1340
1330 FOR j=1 TO 10:LOCATE#1,8,(3+j)
:PRINT#1,en$(j);" ";q$(i,j):NEXT
1340 LOCATE#1,5,2:PRINT#1,"Voici vo
tre saisie pour le ";de$
1350 LOCATE#1,5,15:PRINT#1,"Voulez
vous la modifier (O/N)"
1360 a$=UPPER$(INKEY$):IF a$="O"THE
N LOCATE#1,5,15:PRINT#1,SPACE$(30):
GOTO 1390
1370 IF a$="N"THEN LOCATE#1,8,17:PR
INT#1,"Une autre saisie (O/N)":GOTO
1400
1380 GOTO 1360
1390 LOCATE#1,5,2:PRINT#1,"Modifica
tion pour le dept. ";de$:GOTO 1240
1400 a$=UPPER$(INKEY$):IF a$="O"THE
N 1090
1410 IF a$="N"THEN 3030
1420 GOTO 1400
1430 REM Lister les departements
1440 CLS#1:CLS#3:GOSUB 270:GOSUB 28
0
1450 a$=UPPER$(INKEY$):a=VAL(a$):DN
a GOTO 1470,1550,3030:GOTO 1450
1460 REM ->Sur imprimante
1470 GOSUB 310:IF p=0 THEN 1480 ELS
E 1450
1480 WIDTH 80:PRINT#8:PRINT#8,STRIN
G$(80,"-")
1490 PRINT#8,SPACE$(15);"LISTE DES
DEPARTEMENTS DE FRANCE METROPOLITAI
NE"
1500 PRINT#8,STRING$(80,"-"):FOR i=
1 TO 48
1510 PRINT#8,SPACE$(10);LEFT$(dep$(
i),2);"--";MID$(dep$(i),3,21);
1520 PRINT#8,TAB(45)LEFT$(dep$(i+48
),2);"--";MID$(dep$(i+48),3,21)
1530 NEXT i:PRINT#8,STRING$(80,"-")
:PRINT#8:MODE 1:GOTO 2980
1540 REM ->Sur ecran
1550 MODE 2:WINDOW#4,8,40,1,24:WIND
OW#5,45,80,1,24:WINDOW#6,1,80,25,25
1560 PEN#6,0:PAPER#6,1:CLS#6
1570 PRINT#6," [BARRE ESPACE]
POUR CONTINUER [ENTER] PO
UR RETOUR AU MENU ";
1580 n=1:CLS#4:CLS#5
1590 FOR i=n TO n+23:PRINT#4,LEFT$(
dep$(i),2);" ";CHR$(243);
1600 PRINT#4," ";MID$(dep$(i),3,21
):NEXT
1610 n=i
1620 FOR i=n TO n+23:PRINT#5,LEFT$(
dep$(i),2);" ";CHR$(243);
1630 PRINT#5," ";MID$(dep$(i),3,21
):NEXT
1640 n=n+24
1650 a$=INKEY$:IF a$=" "THEN IF i<5
0 THEN CLS#4:CLS#5:GOTO 1590 ELSE 1
580

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1660 IF a$=CHR$(13)THEN MODE 1:GOTO
2980
1670 GOTO 1650
1680 REM Lister le fichier
1690 GOSUB 340:GOSUB 270:GOSUB 280
1700 a$=UPPER$(INKEY$):a=VAL(a$):ON
a GOTO 1930,1720,3030:GOTO 1700
1710 REM ->Sur ecran
1720 MODE 2:WINDOW#0,1,80,2,25:WIND
OW#6,1,80,1,1:PEN#6,0:PAPER#6,1:CLS
#6
1730 LOCATE#6,27,1:PRINT#6,"[BARRE
ESPACE] POUR LISTER"
1740 WHILE INKEY$=" ":GOTO 1750:WEN
D:GOTO 1740
1750 PRINT#6,":Dep: Call : Date
: Heure : QRG :RST env.:RST re
cu:Locator:Mode:MAQ:SAQ:";
1760 n=1:CLS#0:c=0
1770 FOR i=n TO n+23
1780 PRINT#c,": ";LEFT$(dep$(i),2);"
:";
1790 PRINT#c,TAB(6)q$(i,1)TAB(14)":
";q$(i,2)TAB(23)": "TAB(25)LEFT$(q$(
i,3),7);
1800 PRINT#c,TAB(32)": "q$(i,4)TAB(4
1)": "TAB(43)LEFT$(q$(i,5),7)TAB(50)
": ";
1810 PRINT#c,TAB(52)LEFT$(q$(i,6),7
)TAB(59)": ";LEFT$(q$(i,7),7);
1820 PRINT#c,TAB(67)": ";LEFT$(q$(i,
8),4)TAB(72)": ";
1830 PRINT#c,TAB(74)q$(i,9)TAB(76)":
: "TAB(78)q$(i,10)TAB(80)": ";
1840 IF c=8 THEN RETURN
1850 NEXT
1860 WHILE INKEY$=" ":GOTO 1870:WEN
D:GOTO 1860
1870 WHILE n<71:CLS#0:n=n+24:GOTO 1
770:WEND
1880 PRINT#6," [BARRE ESPACE]
POUR RECOMMENCER [ENTER] PO
UR RETOUR AU MENU ";
1890 a$=INKEY$:IF a$=" "THEN 1750
1900 IF a$=CHR$(13)THEN MODE 1:GOTO
2980
1910 GOTO 1890
1920 REM ->Sur imprimante
1930 GOSUB 310:IF p=0 THEN 1940 ELS
E 1700
1940 a=1:n=1
1950 WIDTH 80:PRINT#8:1=LEN(ty$):1=
(80-1)/2
1960 PRINT#8,STRING$(80,"-"):PRINT#
8,SPACE$(1);ty$:PRINT#8,STRING$(80,
"-")
1970 PRINT#8,":Dep: Call : Date
: Heure : QRG :RST env.:RST re
cu:Locator:Mode:MAQ:SAQ:";
1980 PRINT#8,STRING$(80,"-")
1990 IF a=0 THEN n=49
2000 c=8:FOR i=n TO n+47:GOSUB 1780

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: NEXT
2010 PRINT#8, STRING$(80, "-"): PRINT#
8
2020 FOR i=1 TO 3: PRINT#8, o$(i): NEX
T
2030 PRINT#8, "Indicatif : "; o$(4): P
RINT#8, "Locator : "; o$(5)
2040 PRINT#8, "Departement d'origine
: "; dept$; " "; do$
2050 FOR i=1 TO 10: PRINT#8: NEXT: c=0
: n=0
2060 IF a=1 THEN a=0: GOTO 1950
2070 GOTO 3030
2080 REM Sauvegarde fichier
2090 GOSUB 340: GOSUB 270: IF ds=1 TH
EN 2140
2100 LOCATE#1, 1, 13: INPUT#1, "Quelle
vitesse de sauvegarde (0/1) : ", a
2110 IF a=0 THEN SPEED WRITE 0 ELSE
IF a=1 THEN SPEED WRITE 1 ELSE 210
0
2120 LOCATE#1, 3, 15: PRINT#1, "Vous av
ez choisi : SPEED WRITE ";
2130 PEN#1, 2: PRINT#1, a: PEN#1, 1
2140 LOCATE#1, 7, 17: PRINT#1, "Sauvega
rde fichier (O/N)"
2150 a$=UPPER$(INKEY$): IF a$="O" THE
N 2180
2160 IF a$="N" THEN 3030
2170 GOTO 2150
2180 OPENOUT f$
2190 PRINT#9, f$: PRINT#9, ty$: PRINT#9
, m$: PRINT#9, d$: PRINT#9, Dept$: PRINT#
9, b$
2200 FOR i=1 TO 5: PRINT#9, o$(i): NEX
T
2210 FOR i=1 TO 96: FOR j=1 TO 10
2220 PRINT#9, q$(i, j): NEXT: NEXT
2230 CLOSEOUT
2240 MODE 1: GOTO 2980
2250 REM Chargement fichier
2260 CLS#1: CLS#3: IF LEN(f$)<>0 THEN
3030
2270 GOSUB 270
2280 LOCATE#1, 11, 12: PEN#1, 2: PRINT#1
, "8 caracteres maxi": PEN#1, 1
2290 LOCATE#1, 7, 9: PRINT#1, CHR$(18);
: INPUT#1, "Nom du fichier : ", f$
2300 IF f$="" OR LEN(f$)>8 THEN 2280
2310 LOCATE#1, 7, 17: PRINT#1, "Chargem
ent fichier (O/N)"
2320 a$=UPPER$(INKEY$): IF a$="O" THE
N 2350
2330 IF a$="N" THEN f$="": GOTO 3030
2340 GOTO 2320
2350 f$=f$+".DFM": DIM q$(96, 10)
2360 OPENIN f$
2370 INPUT#9, f$: INPUT#9, ty$: INPUT#9
, m$: INPUT#9, d$: INPUT#9, Dept$: INPUT#
9, b$
2380 FOR i=1 TO 5: INPUT#9, o$(i): NEX
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2390 FOR i=1 TO 96: FOR j=1 TO 10
2400 INPUT#9, q$(i, j): NEXT: NEXT
2410 CLOSEIN
2420 MODE 1: GOTO 2980
2430 REM Recherche fiche
2440 GOSUB 340: GOSUB 270
2450 CLS#1: LOCATE#1, 11, 5: PRINT#1, "1
-Par departement"
2460 LOCATE#1, 11, 8: PRINT#1, "2-Par I
ndicatif"
2470 LOCATE#1, 11, 11: PRINT#1, "3-Par
Locator"
2480 a$=UPPER$(INKEY$): a=VAL(a$): ON
a GOTO 2490, 2520, 2540: GOTO 2480
2490 LOCATE#1, 5, 14: PRINT#1, CHR$(18)
; : INPUT#1, "Entrez le No du departem
ent ", a$
2500 a$=UPPER$(a$): a=LEN(a$): IF a<>
2 THEN 2490
2510 FOR i=1 TO 96: WHILE a$=LEFT$(d
ep$(i), 2): GOTO 2580: WEND: NEXT: GOTO
2560
2520 LOCATE#1, 2, 14: INPUT#1, "Entrez:
l'indicatif recherche ", a$: IF a$=""
THEN 2520
2530 FOR i=1 TO 96: WHILE a$=q$(i, 1)
: GOTO 2580: WEND: NEXT: GOTO 2560
2540 LOCATE#1, 3, 14: INPUT#1, "Entrez
le locator recherche ", a$: IF a$="" T
HEN 2540
2550 FOR i=1 TO 96: WHILE a$=q$(i, 7)
: GOTO 2580: WEND: NEXT: GOTO 2560
2560 CLS#1: LOCATE#1, 8, 10: PRINT#1, CH
R$(7); "JE NE TROUVE PAS "; a$; " !"
2570 FOR t=1 TO 2000: NEXT: GOTO 2450
2580 CLS#1: LOCATE#1, 5, 2: PRINT#1, "Vo
tre saisie pour le dept. "; LEFT$(de
p$(i), 2)
2590 FOR j=1 TO 10: LOCATE#1, 8, (3+j)
: PRINT#1, en$(j); " "; q$(i, j): NEXT
2600 LOCATE#1, 7, 16: PRINT#1, "On impr
ime la fiche (O/N)"
2610 a$=UPPER$(INKEY$): IF a$="O" THE
N 2690
2620 IF a$="N" THEN 2640
2630 GOTO 2610
2640 LOCATE#1, 7, 16: PRINT#1, "Une aut
re recherche (O/N)"
2650 a$=UPPER$(INKEY$): IF a$="O" THE
N 2450
2660 IF a$="N" THEN 3030
2670 GOTO 2650
2680 REM Impression fiche
2690 GOSUB 310: IF p<>0 THEN 2640
2700 WIDTH 33: PRINT#8, STRING$(33, "-
"); ty$; " - DEPT. "; LEFT$(dep$(i), 2)
2710 PRINT#8, STRING$(33, "-"): : FOR j
=1 TO 10: PRINT#8, en$(j); " "; q$(i, j
): NEXT
2720 PRINT#8, STRING$(33, "-"): GOTO 2
640
2730 REM Quel diplome obtenu

```

```

2740 GOSUB 340:GOSUB 270
2750 i=1:a=0
2760 IF q$(i,1)<>" "THEN a=a+1
2770 WHILE i<96:i=i+1:GOTO 2760:WEN
D
2780 IF a=0 THEN LOCATE#1,10,8:PRIN
T#1,"Pas de QSO realise !":GOSUB 36
0
2790 i=1:b=0
2800 IF q$(i,10)=CHR$(79)AND q$(i,1
)<>" "THEN b=b+1
2810 WHILE i<96:i=i+1:GOTO 2800:WEN
D
2820 PRINT#1:PRINT#1,me$(1);:PEN#1,
2:PRINT#1,f$:PEN#1,1
2830 LOCATE#1,1,3:PRINT#1,me$(2)+me
$(3)+"      "+me$(4);
2840 PEN#1,2:PRINT#1,d$:PEN#1,1
2850 LOCATE#1,10,6:PRINT#1,me$(5);:
PEN#1,2:PRINT#1,m$:PEN#1,1
2860 LOCATE#1,2,8:PRINT#1,"Vous ave
z contacte ";a;" departements"
2870 IF b=0 THEN LOCATE#1,1,13:PRIN
T#1,"mais vous n'avez aucune confir
mation !":GOSUB 360
2880 LOCATE#1,3,9:PRINT#1,"Vous ave
z recu ";b;" confirmations"
2890 IF MID$(b$,4,1)="M"THEN r$="50
":GOTO 2950 ELSE r$="20"
2900 IF a<20 THEN LOCATE#1,3,11:PRI
NT#1,"Vous n'avez droit a aucun dip
lome!":GOSUB 360
2910 LOCATE#1,1,12:PRINT#1,"Vous av
ez droit au DDFM! (";r$;" QSO mini)
";
2920 LOCATE#1,1,14:PRINT#1,"(+ un t
imbre par tranche de 10 depts.)";
2930 LOCATE#1,1,16:PRINT#1,"Timbre
";:PEN#1,2:PRINT#1,"EXCELLENCE";:PE
N#1,1:PRINT#1," a 96 depts contacte
s";
2940 GOSUB 360
2950 IF a<50 THEN LOCATE#1,2,11:PRI
NT#1,"Vous n'avez droit a aucun dip
lome!":GOSUB 360
2960 IF a>=50 THEN 2910
2970 REM Menu
2980 WINDOW#1,2,39,5,24:WINDOW#2,2,
39,23,24:PAPER#1,0:PAPER#2,0:PEN#1,
1:PEN#2,2
2990 PLOT 0,0,1:DRAWR 0,399:DRAWR 6
39,0:DRAWR 0,-399:DRAWR-639,0
3000 PLOT 4,4,2:DRAWR 0,391:DRAWR 6
31,0:DRAWR 0,-391:DRAWR-631,0
3010 PLOT 8,8,1:DRAWR 0,383:DRAWR 6
23,0:DRAWR 0,-383:DRAWR-623,0
3020 PLOT 48,344,2:DRAWR 0,32:DRAWR
544,0:DRAWR 0,-32:DRAWR-544,0
3030 WINDOW#3,5,37,3,3:PAPER#3,0:PE
N#3,2:CLS#1:CLS#2:CLS#3
3040 ON ERROR GOTO 3320
3050 PLOT 88,168,1:DRAWR 0,160:DRAW

```

```

R 464,0:DRAWR 0,-160:DRAWR-464,0
3060 PLOT 88,72,2:DRAWR 0,64:DRAWR
464,0:DRAWR 0,-64:DRAWR-464,0
3070 LOCATE 9,18:PRINT"SELECTIONNER
AVEC "+CHR$(241)+" ET "+CHR$(240)
3080 LOCATE 12,20:PRINT"CHOISIR AVE
C COPY"
3090 LOCATE#3,10,1:PRINT#3,"MENU D.
D.F.M."
3100 PRINT#2,"      ";CHR$(164);" J-
L CHEYNARD-FC1HDX 01/1987":PEN 2
3110 FOR a=1 TO 9:b=a+5:LOCATE 8,B:
PRINT mu$(a):NEXT
3120 a=1
3130 b=a+5:LOCATE 7,b
3140 PEN 1:PRINT">"+mu$(a)
3150 a$=INKEY$
3160 IF a$=CHR$(240)THEN 3200
3170 IF a$=CHR$(241)THEN 3220
3180 IF a$=CHR$(224)THEN 3240
3190 GOTO 3150
3200 a=a-1:IF a<1 THEN a=1 ELSE LOC
ATE 7,b:PEN 2:PRINT">"+mu$(a+1):LOC
ATE 7,b:PEN 0:PRINT">"
3210 GOTO 3130
3220 a=a+1:IF a>9 THEN a=9 ELSE LOC
ATE 7,b:PEN 2:PRINT">"+mu$(a-1):LOC
ATE 7,b:PEN 0:PRINT">"
3230 GOTO 3130
3240 ON a GOTO 380,1090,1690,2090,3
260,2260,2440,2740,1440
3250 REM Catalogue
3260 MODE 2:WINDOW#1,1,80,25,25
3270 LOCATE#1,27,1:PRINT#1,"[ESC]
POUR RETOUR AU MENU"
3280 ON BREAK GOSUB 3300
3290 CAT
3300 WHILE INKEY(66)=-1:WEND:MODE 1
:GOTO 2980
3310 REM erreurs
3320 MODE 1:INK 0,1:INK 1,24:PAPER
0:PEN 1
3330 PRINT"ATTENTION ! Probleme !":
PRINT
3340 PRINT"Erreur numero ";ERR
3350 IF ERR=2 THEN PRINT" ERREUR DE
SYNTAXE "ELSE PRINT
3360 IF ERR=7 THEN PRINT" MEMOIRE P
LEINE ....":GOTO 3410
3370 PRINT"A la ligne      ";ERL:PRIN
T
3380 PRINT:PRINT"Regardez le messag
e d'erreur dans votre":PRINT
3390 PRINT"notice d'emploi de l'AMS
TRAD, et revoyez"
3400 PRINT"la ligne ";ERL;" si nece
ssaire ...":PRINT:PRINT:PRINT:END
3410 PRINT:PRINT" PATIENTEZ ....":P
RINT FRE("");" Octets libres"
3420 PRINT FRE(""):PRINT" PATIENCE
....":PRINT FRE(""):MODE 1:GOTO 298
0

```