

```
$SET ASSIGN "EXTERNAL"
IDENTIFICATION DIVISION.
PROGRAM-ID. SAMPLE .
/
*-----*
*          MIGRATION GAP --> MF COBOL AVEC RPG CONVERTOR          *
*-----*
* PROGRAM           : SAMPLE                                       *
* DATE TRADUIT      : 29/07/2005 22:11:51                          *
* SYSTEM           : BATCH                                         *
* GENERATOR        : Version 2.06                                   *
* TIMESTAMP        : 21/07/2005 08:56:27                          *
*-----*
/
*-----*
*          M E S S A G E S                                          *
*-----*
* MSG050  INFO      DATE DELIMITER Selected is "."                *
* MSG051  INFO      DECIMAL-POINT Selected is ", "                *
*-----*
/
*-----*
*          PROGRAMME DESCRIPTIF ORIGINALE                          *
*-----*
ENVIRONMENT DIVISION.

CONFIGURATION SECTION.

SOURCE-COMPUTER. AIX.

OBJECT-COMPUTER. AIX.

SPECIAL-NAMES .
          DECIMAL-POINT IS COMMA.

INPUT-OUTPUT SECTION.

FILE-CONTROL.

        SELECT CARTMAIT-I
          ASSIGN CARTMAIT
          ORGANIZATION IS LINE SEQUENTIAL
          FILE STATUS IS CARTMAIT-STATUS.

        SELECT CARTE-I
          ASSIGN CARTE
          ORGANIZATION IS LINE SEQUENTIAL
          FILE STATUS IS CARTE-STATUS.

        SELECT RES1-I
          ASSIGN RES1
          ORGANIZATION IS LINE SEQUENTIAL
          FILE STATUS IS RES1-STATUS.
```

```
SELECT AGENCE-I
  ASSIGN AGENCE
  ORGANIZATION IS LINE SEQUENTIAL
  FILE STATUS IS AGENCE-STATUS.
```

```
SELECT PERFO-O
  ASSIGN PERFO
  ORGANIZATION IS LINE SEQUENTIAL
  FILE STATUS IS PERFO-STATUS.
```

```
SELECT IMPRESSI-O
  ASSIGN IMPRESSI
  ORGANIZATION IS LINE SEQUENTIAL
  FILE STATUS IS IMPRESSI-STATUS.
```

```
/
DATA DIVISION.
```

```
FILE SECTION.
```

```
FD  CARTMAIT-I.
```

```
01  CARTMAIT-FDENR.
```

```
03  FILLER                PIC X(80).
```

```
01  CARTMAIT-FDENR-AA.
```

```
03  FILLER                PIC X(2).
```

```
03  NUMINS                PIC S9(6).
```

```
03  AGEBUR.
```

```
05  BUREAU                PIC X(3).
```

```
05  SERVIC                PIC X(3).
```

```
03  NOM                   PIC X(31).
```

```
03  FILLER                PIC X(31).
```

```
03  CATEGO                PIC X(1).
```

```
03  FILLER                PIC X(3).
```

```
01  CARTMAIT-FDENR-CC.
```

```
03  FILLER                PIC X(2).
```

```
03  NUMINS                PIC S9(6).
```

```
03  AGEBUR.
```

```
05  BUREAU                PIC X(3).
```

```
05  SERVIC                PIC X(3).
```

```
03  FILLER                PIC X(30).
```

```
03  JTRA                  PIC S9(3)V9.
```

```
03  FILLER                PIC X(32).
```

```
01  CARTMAIT-FDENR-DD.
```

```
03  FILLER                PIC X(2).
```

```
03  NUMINS                PIC S9(6).
```

```
03  AGEBUR.
```

```
05  BUREAU                PIC X(3).
```

```
05  SERVIC                PIC X(3).
```

```
03  FILLER                PIC X(35).
```

```
03  JABS                  PIC S9(2)V9.
```

```
03  FILLER                PIC X(28).
```

```
FD  CARTE-I.
```

```

01 CARTE-FDENR.
03 FILLER PIC X(80).

01 CARTE-FDENR-BB.
03 FILLER PIC X(2).
03 DATE-AXT PIC S9(4).
03 FILLER PIC X(3).
03 NUMSEM PIC S9(1).
03 FILLER PIC X(34).
03 JTHE PIC S9(3)V9.
03 FILLER PIC X(32).

01 CARTE-FDENR-BB-REDEF1.
03 FILLER PIC X(4).
03 ANNEE PIC S9(2).
03 FILLER PIC X(74).

FD RES1-I.

01 RES1-FDENR.
03 FILLER PIC X(80).

FD AGENCE-I.

01 AGENCE-FDENR.
03 FILLER PIC X(43).

FD PERFO-O.

01 PERFO-ENR.
03 FILLER PIC X(80).

FD IMPRESSI-O LINAGE IS 56 LINES.

01 IMPRESSI-ENR.
03 FILLER PIC X(132).

/
WORKING-STORAGE SECTION.

01 AXT-PROGNAME-Z.
03 FILLER PIC X VALUE " * ".
03 AXT-PROGNAME PIC X(8) VALUE "SAMPLE".
03 FILLER PIC X VALUE " * ".

COPY AXT-GAP-WORK.

COPY AXT-GAP-MR-WORK.

* * * * *
* ZONES DES ENREGISTREMENTS D'ENTREE *
* * * * *

01 CARTMAIT-ENR.
03 NUMINS PIC S9(6).

```

```

03 AGEBUR          PIC X(6) .
03 BUREAU          PIC X(3) .
03 SERVIC          PIC X(3) .
03 NOM             PIC X(31) .
03 CATEGO          PIC X(1) .
03 JTRA            PIC S9(3)V9 .
03 JABS            PIC S9(2)V9 .

```

## 01 CARTE-ENR .

```

03 DATE-AXT       PIC S9(4) .
03 NUMSEM         PIC S9(1) .
03 JTHE           PIC S9(3)V9 .
03 ANNEE          PIC S9(2) .

```

```

* * * * *
* ZONES DES ENREGISTREMENTS D'SORTIE *
* CHAQUE ENREGISTREMENT SORTIE EST ECRIT PAR 'WRITE ENREC FROM XXXXX *
* * * * *

```

## 01 PERFO-TOTAL-1 .

```

03 FILLER          PIC X(2)          VALUE "30" .
03 NUMINS          PIC S9(6) .
03 FILLER          PIC X(4) .
03 FILLER          PIC X(17)         VALUE
"INDEM EF.TRAV.CAT" .
03 FILLER          PIC X(1) .
03 CATEGO          PIC X(1) .
03 FILLER          PIC X(14) .
03 DATE-AXT       PIC S9(4) .
03 BUREAU          PIC X(3) .
03 SERVIC          PIC X(3) .
03 FILLER          PIC X(13) .
03 FILLER          PIC X(6)          VALUE "648400" .
03 NET             PIC S9(6) .

```

## 01 IMPRESSI-DETAIL-1 .

```

03 FILLER          PIC X(24)         VALUE
"INDEMNITES DE BLANCHISSA" .
03 FILLER          PIC X(2)          VALUE "GE" .
03 FILLER          PIC X(1)          VALUE SPACES .
03 NUMSEM         PIC S9(1) .
03 FILLER          PIC X(1)          VALUE SPACES .
03 FILLER          PIC X(11)         VALUE "SEMESTRE 20" .
03 ANNEE          PIC S9(2) .
03 FILLER          PIC X(6)          VALUE SPACES .
03 FILLER          PIC X(19)         VALUE
"NOMBRE THEORIQUE DE" .
03 FILLER          PIC X(1)          VALUE SPACES .
03 FILLER          PIC X(16)         VALUE
"JOURS DE TRAVAIL" .
03 FILLER          PIC X(1)          VALUE SPACES .
03 JTHE           PIC ZZ9,9 .
03 FILLER          PIC X(4)          VALUE SPACES .
03 FILLER          PIC X(4)          VALUE "PAGE" .
03 PAGE-AXT       PIC Z(3)9 .

```

```

03 FILLER                PIC X(30)          VALUE SPACES.

01 IMPRESSI-DETAIL-11.
03 FILLER                PIC X(6)           VALUE SPACES.
03 FILLER                PIC X(9)           VALUE "AGENCE : ".
03 FILLER                PIC X(1)          VALUE SPACES.
03 BUREAU                PIC X(3).
03 FILLER                PIC X(2)          VALUE SPACES.
03 ZAGE                  PIC X(30).
03 FILLER                PIC X(81)         VALUE SPACES.

01 IMPRESSI-DETAIL-21.
03 FILLER                PIC X(11)         VALUE SPACES.
03 FILLER                PIC X(10)         VALUE "NOM. PRENOM".
03 FILLER                PIC X(18)         VALUE SPACES.
03 FILLER                PIC X(6)          VALUE "NUMERO".
03 FILLER                PIC X(7)          VALUE SPACES.
03 FILLER                PIC X(5)          VALUE "J. TRA".
03 FILLER                PIC X(2)          VALUE SPACES.
03 FILLER                PIC X(5)          VALUE "J. ABS".
03 FILLER                PIC X(2)          VALUE SPACES.
03 FILLER                PIC X(5)          VALUE "J. PRE".
03 FILLER                PIC X(4)          VALUE SPACES.
03 FILLER                PIC X(4)          VALUE "BRUT".
03 FILLER                PIC X(4)          VALUE SPACES.
03 FILLER                PIC X(3)          VALUE "NET".
03 FILLER                PIC X(26)         VALUE SPACES.
03 FILLER                PIC X(3)          VALUE "CAT".
03 FILLER                PIC X(3)          VALUE SPACES.
03 FILLER                PIC X(4)          VALUE "MONT".
03 FILLER                PIC X(10)         VALUE SPACES.

01 IMPRESSI-TOTAL-11.
03 FILLER                PIC X(3)          VALUE SPACES.
03 NOM                   PIC X(31).
03 FILLER                PIC X(2)          VALUE SPACES.
03 NUMINS                PIC S9(6).
03 FILLER                PIC X(1)          VALUE SPACES.
03 BUREAU                PIC X(3).
03 FILLER                PIC X(1)          VALUE SPACES.
03 SERVIC                PIC X(3).
03 FILLER                PIC X(2)          VALUE SPACES.
03 JTRA                  PIC ZZ9,9.
03 FILLER                PIC X(2)          VALUE SPACES.
03 TOTABS                PIC ZZ9,9.
03 FILLER                PIC X(2)          VALUE SPACES.
03 JPRE                  PIC ZZ9,9.
03 FILLER                PIC X(2)          VALUE SPACES.
03 BRUT                  PIC ZZZ9,99.
03 FILLER                PIC X(1)          VALUE SPACES.
03 NET                   PIC ZZZ9,99.
03 FILLER                PIC X(25)         VALUE SPACES.
03 CATEGO                PIC X(1).
03 FILLER                PIC X(1)          VALUE SPACES.
03 TABFON                PIC ZZZ9,99.
03 FILLER                PIC X(10)         VALUE SPACES.

```

/

## \* ZONES DES FICHER CONTROLES

## 01 AXT-WORK-ZONES.

03 BRK-L1	PIC S9(6)	VALUE -1.
03 BRK-L2	PIC X(6)	VALUE HIGH-VALUES.
03 PERFO-STATUS	PIC X(2)	VALUE "00".
03 IMPRESSI-STATUS	PIC X(2)	VALUE "00".
03 CARTMAIT-STATUS	PIC X(2)	VALUE "00".
03 CARTMAIT-END	PIC X	VALUE "N".
88 END-OF-CARTMAIT	VALUE "Y".	
03 CARTMAIT-RECORD-TYPE	PIC X(2).	
03 CARTMAIT-MATCH-ZONE.		
05 CARTMAIT-M2	PIC X(6)	VALUE SPACES.
05 CARTMAIT-M1	PIC S9(6)	VALUE ZERO.
03 CARTE-STATUS	PIC X(2)	VALUE "00".
03 CARTE-END	PIC X	VALUE "N".
88 END-OF-CARTE	VALUE "Y".	
03 CARTE-RECORD-TYPE	PIC X(2).	
03 RES1-STATUS	PIC X(2)	VALUE "00".
03 RES1-END	PIC X	VALUE "N".
88 END-OF-RES1	VALUE "Y".	
03 AGENCE-STATUS	PIC X(2)	VALUE "00".
03 AGENCE-END	PIC X	VALUE "N".
88 END-OF-AGENCE	VALUE "Y".	

/

```

* * * * *
* ZONES GAP ORIGINALE DU TRAVAUX *
* * * * *

```

## 01 AXT-ZONES-TRAVAUX.

03 FILLER	PIC X(20)	VALUE "AXT-ZONES-TRAVAUX".
03 ZAGE	PIC X(30)	VALUE " ".
03 BRUT	PIC S9(6)	VALUE 0.
03 TOTABS	PIC S9(3)V9	VALUE 0.
03 JPRE	PIC S9(3)V9	VALUE 0.
03 CALCUL	PIC S9(9)V9	VALUE 0.
03 NET	PIC S9(6)	VALUE 0.

/

```

* * * * *
* ZONES DES TABLES INTERNE *
* * * * *

```

## 01 AXT-TABLE-ZONES.

03 TABARG-AXT-COUNT	PIC 9(8)	VALUE 8.
03 TABARG-AXT-ARRAY.		
05 TABARG-AXT	OCCURS 8 INDEXED BY	TABARG-AXT-SUB1
		TABARG-AXT-SUB2.

```

07 TABARG          PIC X(1).
07 TABFON          PIC S9(6).

03 TABAGE-AXT-COUNT PIC 9(8)   VALUE 100.
03 TABAGE-AXT-ARRAY.
05 TABAGE-AXT OCCURS 100 INDEXED BY TABAGE-AXT-SUB1
                                TABAGE-AXT-SUB2.

07 TABAGE          PIC X(3).
07 TABLIA          PIC X(30).

```

```

/
PROCEDURE DIVISION.

```

```

MAIN-PATH SECTION.
MAIN-PATH-D.

```

```

PERFORM INITIALIZATION.

PERFORM MAIN-CYCLE UNTIL CYCLE-END.

PERFORM TERMINATION.

```

```

MAIN-PATH-F.
EXIT.

```

```

/

```

```

INITIALIZATION SECTION.
INITIALIZATION-D.

```

```

Trace MOVE 'INITIALIZATION' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

ACCEPT UPDATE OF AXT-GAP-CONTROLS FROM DATE.

SET IND1P-ON TO TRUE.
SET FIRST-CALL TO TRUE.

OPEN OUTPUT PERFO-O.
PERFORM PERFO-STATUS-CHECK.
OPEN OUTPUT IMPRESSI-O.
PERFORM IMPRESSI-STATUS-CHECK.
SET LINAGE-COUNTER OF IMPRESSI-O TO 0.
OPEN INPUT CARTMAIT-I.
PERFORM CARTMAIT-STATUS-CHECK.
OPEN INPUT CARTE-I.
PERFORM CARTE-STATUS-CHECK.
OPEN INPUT RES1-I.
PERFORM RES1-STATUS-CHECK.
OPEN INPUT AGENCE-I.
PERFORM AGENCE-STATUS-CHECK.

INITIALIZE TABARG-AXT-ARRAY
SET TABARG-AXT-SUB1 TO ZERO
PERFORM CHARGE-TABLE-TABARG
UNTIL END-OF-RES1.

INITIALIZE TABAGE-AXT-ARRAY
SET TABAGE-AXT-SUB1 TO ZERO
PERFORM CHARGE-TABLE-TABAGE

```

UNTIL END-OF-AGENCE.

SET TABARG-AXT-SUB1 TO 1.

SET TABAGE-AXT-SUB1 TO 1.

INITIALIZATION-F.

EXIT.

/

TERMINATION SECTION.

TERMINATION-D.

Trace MOVE 'TERMINATION' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

CLOSE PERFO-O.

CLOSE IMPRESSI-O.

CLOSE CARTMAIT-I.

CLOSE CARTE-I.

CLOSE RES1-I.

CLOSE AGENCE-I.

MOVE AXT-RETURN-CODE TO RETURN-CODE.

STOP RUN.

TERMINATION-F.

EXIT.

/

MAIN-CYCLE SECTION.

MAIN-CYCLE-D.

Trace MOVE 'MAIN-CYCLE' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

PERFORM HEADINGS-OUTPUT.

PERFORM DETAILS-OUTPUT.

SET IND1P-OFF TO TRUE.

IF IND-HALT-ON

DISPLAY "CANCEL JOB - HALT CONDITION " IND-HALT-VALUE

MOVE 100 TO AXT-RETURN-CODE

PERFORM TERMINATION

END-IF.

PERFORM RESET-CYCLE-INDS.

IF INDLR-ON

SET CYCLE-END TO TRUE

SET INDL1-ON TO TRUE

SET INDL1-ON TO TRUE

SET INDL1-ON TO TRUE

SET INDL2-ON TO TRUE

SET INDL2-ON TO TRUE

SET INDL2-ON TO TRUE

PERFORM PROCESS-CYCLE-END

ELSE

PERFORM READ-CONTROL

END-IF.



```

IF INDLR-OFF
  PERFORM PROCESS-CYCLE-END
  PERFORM RESTORE-CURRENT-RECORD
  PERFORM DETAIL-CALCULATIONS
END-IF.

```

```
MOVE "N" TO FIRST-CALL-IND.
```

```
MAIN-CYCLE-F.
```

```
EXIT.
```

```
/
```

```
*
```

```
* SECTION TO MANAGE TOTALS PROCESSES
```

```
*
```

```
PROCESS-CYCLE-END SECTION.
```

```
PROCESS-CYCLE-END-D.
```

```
Trace MOVE 'PROCESS-CYCLE-END' TO AXT-TRACE-MIGR
```

```
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.
```

```
IF NOT FIRST-CALL AND INDLX-ON
  PERFORM TOTAL-TIME-CALCULATIONS
  PERFORM TOTALS-OUTPUT
END-IF.
```

```
MOVE INDXF TO INDOF.
```

```
SET INDXF-OFF TO TRUE.
```

```
IF IND-HALT-ON
```

```
  DISPLAY "CANCEL JOB - HALT CONDITION " IND-HALT-VALUE
```

```
  MOVE 100 TO AXT-RETURN-CODE
```

```
  PERFORM TERMINATION
```

```
END-IF.
```

```
PROCESS-CYCLE-END-F.
```

```
EXIT.
```

```
/
```

```
DETAIL-CALCULATIONS SECTION.
```

```
DETAIL-CALCULATIONS-D.
```

```
Trace MOVE 'DETAIL-CALCULATIONS' TO AXT-TRACE-MIGR
```

```
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.
```

```
>GAP< * C SETOF 20
```

```
SET IND20-OFF TO TRUE.
```

```
IF INDL1-ON
```

```
>GAP< * C L1 SETOF 30
```

```
SET IND30-OFF TO TRUE
```

```
END-IF.
```

```
IF INDL1-ON
```

```
>GAP< * C L1 BUREAU LOKUPTABAGE TABLIA 19
```

```
SET TABAGE-AXT-SUB2 TO TABAGE-AXT-SUB1
```

```
SET TABAGE-AXT-SUB1 TO 1
```

```
SEARCH TABAGE-AXT VARYING TABAGE-AXT-SUB1
```

```
AT END
```

```
SET TABAGE-AXT-SUB1 TO TABAGE-AXT-SUB2
```

```

      SET IND19-OFF TO TRUE
      WHEN TABAGE (TABAGE-AXT-SUB1)
        = BUREAU OF CARTMAIT-ENR
      SET TABAGE-AXT-SUB2 TO TABAGE-AXT-SUB1
      SET IND19-ON TO TRUE

```

```

    END-SEARCH

```

```

    IF IND19-ON

```

```

>GAP< * C   L1 19          MOVELTABLIA      ZAGE      30

```

```

      MOVE TABLIA (TABAGE-AXT-SUB1)
        TO ZAGE OF AXT-ZONES-TRAVAUX

```

```

    END-IF

```

```

  END-IF.

```

```

    IF IND01-ON

```

```

>GAP< * C   01  CATEGO      LOKUPTABARG      TABFON      20

```

```

      SET TABARG-AXT-SUB2 TO TABARG-AXT-SUB1

```

```

      SET TABARG-AXT-SUB1 TO 1

```

```

      SEARCH TABARG-AXT VARYING TABARG-AXT-SUB1

```

```

        AT END

```

```

          SET TABARG-AXT-SUB1 TO TABARG-AXT-SUB2

```

```

          SET IND20-OFF TO TRUE

```

```

          WHEN TABARG (TABARG-AXT-SUB1)

```

```

            = CATEGO OF CARTMAIT-ENR

```

```

            SET TABARG-AXT-SUB2 TO TABARG-AXT-SUB1

```

```

            SET IND20-ON TO TRUE

```

```

          END-SEARCH

```

```

        END-IF.

```

```

    IF IND20-ON

```

```

>GAP< * C   20          SETON          30

```

```

      SET IND30-ON TO TRUE

```

```

    IF IND01-ON

```

```

>GAP< * C   01 20          Z-ADDTABFON      BRUT      60

```

```

      ADD ZERO TO TABFON OF TABARG-AXT (TABARG-AXT-SUB1)

```

```

        GIVING BRUT OF AXT-ZONES-TRAVAUX

```

```

    END-IF

```

```

  END-IF.

```

```

    IF IND12-ON

```

```

>GAP< * C   12  JABS      ADD  TOTABS      TOTABS      41

```

```

      ADD JABS OF CARTMAIT-ENR TO TOTABS OF AXT-ZONES-TRAVAUX

```

```

        GIVING TOTABS OF AXT-ZONES-TRAVAUX

```

```

    END-IF.

```

```

  DETAIL-CALCULATIONS-F.

```

```

    EXIT.

```

```

/

```

```

  TOTAL-TIME-CALCULATIONS SECTION.

```

```

  TOTAL-TIME-CALCULATIONS-D.

```

```

Trace      MOVE 'TOTAL-TIME-CALCULATIONS' TO AXT-TRACE-MIGR

```

```

Trace      IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

    IF INDL1-ON

```

```

      PERFORM TOTAL-TIME-CALCULATIONS-L1

```

```

    END-IF.

```

TOTAL-TIME-CALCULATIONS-F.

EXIT.

/

TOTAL-TIME-CALCULATIONS-L1 SECTION.

TOTAL-TIME-CALCULATIONS-L1-D.

Trace MOVE 'TOTAL-TIME-CALCULATIONS-L1' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF IND30-ON

>GAP< \* CL1 30JTRA SUB TOTABS JPRE 41

SUBTRACT TOTABS OF AXT-ZONES-TRAVAUX  
FROM JTRA OF CARTMAIT-ENR  
GIVING JPRE OF AXT-ZONES-TRAVAUX

\*\* IND 23 SI JPRESENCE INF 0 PAS DE CALCUL

>GAP< \* YP CL1 30JPRE COMP 0 23

IF JPRE OF AXT-ZONES-TRAVAUX > 0

SET IND23-ON TO TRUE

ELSE

SET IND23-OFF TO TRUE

END-IF

IF IND23-OFF

>GAP< \* YP CL1 N23 30BRUT MULT 0,5 BRUT 60

MULTIPLY BRUT OF AXT-ZONES-TRAVAUX BY 0,5

GIVING BRUT OF AXT-ZONES-TRAVAUX

>GAP< \* YP CL1 N23 30BRUT MULT JPRE CALCUL 101

MULTIPLY BRUT

OF AXT-ZONES-TRAVAUX BY JPRE OF AXT-ZONES-TRAVAUX

GIVING CALCUL

>GAP< \* YP CL1 N23 30CALCUL DIV JTHE NET 60H

DIVIDE CALCUL BY JTHE OF CARTE-ENR

GIVING NET OF AXT-ZONES-TRAVAUX ROUNDED

>GAP< \* YP CL1 N23 30CALCUL SUB CALCUL CALCUL

SUBTRACT CALCUL FROM CALCUL GIVING CALCUL

END-IF

END-IF.

TOTAL-TIME-CALCULATIONS-L1-F.

EXIT.

/

HEADINGS-OUTPUT SECTION.

HEADINGS-OUTPUT-D.

Trace MOVE 'HEADINGS-OUTPUT' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

\* AUCUNS TITRES REQUIS

GO TO HEADINGS-OUTPUT-F.

HEADINGS-OUTPUT-F.

EXIT.

/

DETAILS-OUTPUT SECTION.

DETAILS-OUTPUT-D.

Trace MOVE 'DETAILS-OUTPUT' TO AXT-TRACE-MIGR

```

Trace      IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

          PERFORM DETAILS-IMPRESSI.

DETAILS-OUTPUT-F.
          EXIT.
/
DETAILS-IMPRESSI SECTION.
DETAILS-IMPRESSI-D.
Trace      MOVE 'DETAILS-IMPRESSI' TO AXT-TRACE-MIGR
Trace      IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

          IF INDL2-ON OR
              INDOF-ON
              PERFORM DETAIL-IMPRESSI-1
              PERFORM DETAIL-IMPRESSI-11
              PERFORM DETAIL-IMPRESSI-21
          END-IF.

DETAILS-IMPRESSI-F.
          EXIT.
/
DETAIL-IMPRESSI-1 SECTION.
DETAIL-IMPRESSI-1-D.
Trace      MOVE 'DETAIL-IMPRESSI-1' TO AXT-TRACE-MIGR
Trace      IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

          MOVE SPACES TO IMPRESSI-DETAIL-1.
          INITIALIZE IMPRESSI-DETAIL-1 FILLER TO VALUE.
          SET AXT-ECR-NON TO TRUE
          MOVE NUMSEM OF CARTE-ENR TO NUMSEM OF IMPRESSI-DETAIL-1
          MOVE ANNEE OF CARTE-ENR TO ANNEE OF IMPRESSI-DETAIL-1
          MOVE JTHE OF CARTE-ENR TO JTHE OF IMPRESSI-DETAIL-1
          MOVE PAGE-AXT OF AXT-GAP-CONTROLS
              TO PAGE-AXT OF IMPRESSI-DETAIL-1
          ADD 1 TO PAGE-AXT OF AXT-GAP-CONTROLS

          IF INDL1P-ON
              WRITE IMPRESSI-ENR FROM IMPRESSI-DETAIL-1 AFTER 0
          ELSE
              IF NOT INDXF-ON
                  IF LINAGE-COUNTER OF IMPRESSI-O > 1
                      AND NOT INDOF-ON
                      WRITE IMPRESSI-ENR
                          FROM IMPRESSI-DETAIL-1 AFTER PAGE
                  ELSE
                      SET LINAGE-COUNTER OF IMPRESSI-O TO 0
                      WRITE IMPRESSI-ENR FROM IMPRESSI-DETAIL-1 AFTER 0
                  END-IF
              ELSE
                  WRITE IMPRESSI-ENR FROM IMPRESSI-DETAIL-1 AFTER 0
              END-IF
          END-IF.

          PERFORM IMPRESSI-STATUS-CHECK.

          WRITE IMPRESSI-ENR FROM AXT-BLANC-LIGNE BEFORE 1
              AT END-OF-PAGE SET INDXF-ON TO TRUE

```

PERFORM IMPRESSI-STATUS-CHECK.

DETAIL-IMPRESSI-1-F.

EXIT.

/

DETAIL-IMPRESSI-11 SECTION.

DETAIL-IMPRESSI-11-D.

Trace MOVE 'DETAIL-IMPRESSI-11' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

MOVE SPACES TO IMPRESSI-DETAIL-11.

INITIALIZE IMPRESSI-DETAIL-11 FILLER TO VALUE.

SET AXT-ECR-NON TO TRUE

MOVE BUREAU OF CARTMAIT-ENR TO BUREAU OF IMPRESSI-DETAIL-11

MOVE ZAGE OF AXT-ZONES-TRAVAUX

TO ZAGE OF IMPRESSI-DETAIL-11

INITIALIZE ZAGE OF AXT-ZONES-TRAVAUX

WRITE IMPRESSI-ENR FROM IMPRESSI-DETAIL-11 AFTER 1

AT END-OF-PAGE SET INDXF-ON TO TRUE

PERFORM IMPRESSI-STATUS-CHECK.

WRITE IMPRESSI-ENR FROM AXT-BLANC-LIGNE BEFORE 1

AT END-OF-PAGE SET INDXF-ON TO TRUE

PERFORM IMPRESSI-STATUS-CHECK.

DETAIL-IMPRESSI-11-F.

EXIT.

/

DETAIL-IMPRESSI-21 SECTION.

DETAIL-IMPRESSI-21-D.

Trace MOVE 'DETAIL-IMPRESSI-21' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

MOVE SPACES TO IMPRESSI-DETAIL-21.

INITIALIZE IMPRESSI-DETAIL-21 FILLER TO VALUE.

SET AXT-ECR-NON TO TRUE

WRITE IMPRESSI-ENR FROM IMPRESSI-DETAIL-21 AFTER 1

AT END-OF-PAGE SET INDXF-ON TO TRUE

PERFORM IMPRESSI-STATUS-CHECK.

WRITE IMPRESSI-ENR FROM AXT-BLANC-LIGNE BEFORE 1

AT END-OF-PAGE SET INDXF-ON TO TRUE

PERFORM IMPRESSI-STATUS-CHECK.

DETAIL-IMPRESSI-21-F.

EXIT.

/

TOTALS-OUTPUT SECTION.

TOTALS-OUTPUT-D.

Trace MOVE 'TOTALS-OUTPUT' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

PERFORM TOTALS-PERFO.

PERFORM TOTALS-IMPRESSI.

TOTALS-OUTPUT-F.

EXIT.

/  
 TOTALS-IMPRESSI SECTION.

TOTALS-IMPRESSI-D.

Trace MOVE 'TOTALS-IMPRESSI' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF INDL1-ON AND IND23-OFF  
 PERFORM TOTAL-IMPRESSI-11  
 END-IF.

TOTALS-IMPRESSI-F.

EXIT.

/  
 TOTALS-PERFO SECTION.

TOTALS-PERFO-D.

Trace MOVE 'TOTALS-PERFO' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF INDL1-ON AND IND23-OFF AND IND30-ON  
 PERFORM TOTAL-PERFO-1  
 END-IF.

TOTALS-PERFO-F.

EXIT.

/  
 TOTAL-IMPRESSI-11 SECTION.

TOTAL-IMPRESSI-11-D.

Trace MOVE 'TOTAL-IMPRESSI-11' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

MOVE SPACES TO IMPRESSI-TOTAL-11.  
 INITIALIZE IMPRESSI-TOTAL-11 FILLER TO VALUE.  
 SET AXT-ECR-NON TO TRUE  
 MOVE NOM OF CARTMAIT-ENR TO NOM OF IMPRESSI-TOTAL-11  
 MOVE NUMINS OF CARTMAIT-ENR TO NUMINS OF IMPRESSI-TOTAL-11  
 MOVE BUREAU OF CARTMAIT-ENR TO BUREAU OF IMPRESSI-TOTAL-11  
 MOVE SERVIC OF CARTMAIT-ENR TO SERVIC OF IMPRESSI-TOTAL-11  
 MOVE JTRA OF CARTMAIT-ENR TO JTRA OF IMPRESSI-TOTAL-11  
 INITIALIZE JTRA OF CARTMAIT-ENR  
 MOVE TOTABS OF AXT-ZONES-TRAVAUX  
 TO TOTABS OF IMPRESSI-TOTAL-11  
 INITIALIZE TOTABS OF AXT-ZONES-TRAVAUX  
 MOVE JPRE OF AXT-ZONES-TRAVAUX TO JPRE OF IMPRESSI-TOTAL-11  
 INITIALIZE JPRE OF AXT-ZONES-TRAVAUX  
 MOVE BRUT OF AXT-ZONES-TRAVAUX  
 TO AXT-EDIT-WORD OF AXT-GAP-CONTROLS  
 MOVE AXT-EDIT-WORD-V99 OF AXT-GAP-CONTROLS  
 TO BRUT OF IMPRESSI-TOTAL-11  
 INITIALIZE BRUT OF AXT-ZONES-TRAVAUX  
 MOVE NET OF AXT-ZONES-TRAVAUX  
 TO AXT-EDIT-WORD OF AXT-GAP-CONTROLS  
 MOVE AXT-EDIT-WORD-V99 OF AXT-GAP-CONTROLS  
 TO NET OF IMPRESSI-TOTAL-11  
 INITIALIZE NET OF AXT-ZONES-TRAVAUX  
 MOVE CATEGO OF CARTMAIT-ENR TO CATEGO OF IMPRESSI-TOTAL-11  
 INITIALIZE CATEGO OF CARTMAIT-ENR  
 IF IND30-ON

```

MOVE TABFON OF TABARG-AXT (TABARG-AXT-SUB1)
  TO AXT-EDIT-WORD OF AXT-GAP-CONTROLS
MOVE AXT-EDIT-WORD-V99 OF AXT-GAP-CONTROLS
  TO TABFON OF IMPRESSI-TOTAL-11
END-IF.

```

```

WRITE IMPRESSI-ENR FROM IMPRESSI-TOTAL-11 AFTER 1
  AT END-OF-PAGE SET INDXF-ON TO TRUE
PERFORM IMPRESSI-STATUS-CHECK.

```

```

TOTAL-IMPRESSI-11-F.
  EXIT.

```

/

```

TOTAL-PERFO-1 SECTION.
TOTAL-PERFO-1-D.

```

```

Trace MOVE 'TOTAL-PERFO-1' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

MOVE SPACES TO PERFO-TOTAL-1.
INITIALIZE PERFO-TOTAL-1 FILLER TO VALUE.
MOVE NUMINS OF CARTMAIT-ENR TO NUMINS OF PERFO-TOTAL-1
MOVE CATEGO OF CARTMAIT-ENR TO CATEGO OF PERFO-TOTAL-1
MOVE DATE-AXT OF CARTE-ENR TO DATE-AXT OF PERFO-TOTAL-1
MOVE BUREAU OF CARTMAIT-ENR TO BUREAU OF PERFO-TOTAL-1
MOVE SERVIC OF CARTMAIT-ENR TO SERVIC OF PERFO-TOTAL-1
MOVE NET OF AXT-ZONES-TRAVAUX TO NET OF PERFO-TOTAL-1

```

```

WRITE PERFO-ENR FROM PERFO-TOTAL-1.
PERFORM PERFO-STATUS-CHECK.

```

```

TOTAL-PERFO-1-F.
  EXIT.

```

/

```

EXCEPTIONS-OUTPUT SECTION.
EXCEPTIONS-OUTPUT-D.

```

```

Trace MOVE 'EXCEPTIONS-OUTPUT' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

* AUCUNS EXCEPTIONS REQUIS
  GO TO EXCEPTIONS-OUTPUT-F.

```

```

EXCEPTIONS-OUTPUT-F.
  EXIT.

```

/

```

READ-CONTROL SECTION.
READ-CONTROL-D.

```

```

Trace MOVE 'READ-CONTROL' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

IF FIRST-CALL
  MOVE 2 TO AXT-SEARCH-CNT

```

```

** TRAITE FICHIER CARTMAIT
  PERFORM READ-CARTMAIT
  MOVE "P" TO AXT-MATCH-FILE-TYPE(1)
  MOVE "CARTMAIT" TO AXT-MATCH-FILENAME(1)
  IF END-OF-CARTMAIT

```

```

        MOVE "E" TO AXT-MATCH-FILE-EOF(1)
        MOVE SPACES TO CARTMAIT-RECORD-TYPE
    ELSE
        PERFORM CARTMAIT-SELECT-RECORD-TYPE
    END-IF
    EVALUATE CARTMAIT-RECORD-TYPE
**    ENREGISTRER AVEC ZONES DU 'MATCH'
        WHEN "AA"
            MOVE AGEBUR OF CARTMAIT-FDENR-AA TO CARTMAIT-M2
            MOVE NUMINS OF CARTMAIT-FDENR-AA TO CARTMAIT-M1
            MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
        WHEN "CC"
            MOVE AGEBUR OF CARTMAIT-FDENR-CC TO CARTMAIT-M2
            MOVE NUMINS OF CARTMAIT-FDENR-CC TO CARTMAIT-M1
            MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
        WHEN "DD"
            MOVE AGEBUR OF CARTMAIT-FDENR-DD TO CARTMAIT-M2
            MOVE NUMINS OF CARTMAIT-FDENR-DD TO CARTMAIT-M1
            MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
**    ENREGISTRER SANS ZONES DU 'MATCH'
        WHEN OTHER
            MOVE LOW-VALUES TO CARTMAIT-MATCH-ZONE
            MOVE "N" TO AXT-MATCH-FIELD-IND(1)
        END-EVALUATE
        MOVE CARTMAIT-MATCH-ZONE TO AXT-MATCH-FIELD(1)
        MOVE 2 TO AXT-SEARCH-CNT
**    TRAITE FICHIER CARTE
        PERFORM READ-CARTE
        MOVE "S" TO AXT-MATCH-FILE-TYPE(2)
        MOVE "CARTE" TO AXT-MATCH-FILENAME(2)
        IF END-OF-CARTE
            MOVE "E" TO AXT-MATCH-FILE-EOF(2)
            MOVE SPACES TO CARTE-RECORD-TYPE
        ELSE
            PERFORM CARTE-SELECT-RECORD-TYPE
        END-IF
**    FICHIER SANS ENREGISTREMENTS AVEC ZONES 'MATCH'
        MOVE LOW-VALUES TO AXT-MATCH-FIELD(2)
        MOVE "N" TO AXT-MATCH-FIELD-IND(2)
**
        CHOISI PROCHAIN 'MATCHED/UNMATCHED' ENREGISTRER
        PERFORM AXT-MATCH-SELECT
        MOVE MATCH-PENDING-IND TO INDMR

        IF AXT-SELECT-PTR > 0
            EVALUATE AXT-MATCH-FILENAME(AXT-SELECT-PTR)
                WHEN "CARTMAIT"
                    PERFORM CARTMAIT-RECORD-SELECT
                WHEN "CARTE"
                    PERFORM CARTE-RECORD-SELECT
            END-EVALUATE
        END-IF

    ELSE
**    NE PAS L'PREMIERE FOIS
        MOVE 0 TO AXT-SELECT-PTR
        SET MATCH-PENDING-OFF TO TRUE

```



```

EVALUATE AXT-LAST-READ
  WHEN "CARTMAIT"
    PERFORM READ-CARTMAIT
    IF END-OF-CARTMAIT
      MOVE "E" TO AXT-MATCH-FILE-EOF(1)
      MOVE SPACES TO CARTMAIT-RECORD-TYPE
    ELSE
      PERFORM CARTMAIT-SELECT-RECORD-TYPE
    END-IF

**
ENREGISTRER AVEC ZONES DU 'MATCH'
  EVALUATE CARTMAIT-RECORD-TYPE
    WHEN "AA"
      MOVE AGEBUR OF CARTMAIT-FDENR-AA
        TO CARTMAIT-M2
      MOVE NUMINS OF CARTMAIT-FDENR-AA
        TO CARTMAIT-M1
      MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
      IF CARTMAIT-MATCH-ZONE < AXT-MATCH-FIELD(1)
        MOVE "CARTMAIT" TO AXT-ERROR-FILE
        MOVE CARTMAIT-MATCH-ZONE
          TO AXT-ERROR-ZONE
        MOVE AXT-ERROR-SEQUENCE TO AXT-ABEND-TEXT
        MOVE AXT-SEQ-ERR-CODE TO AXT-ABEND-CODE
        PERFORM AXT-ABEND
      ELSE
        IF CARTMAIT-MATCH-ZONE
          = AXT-MATCH-FIELD(1)
          IF AXT-MATCH-IND(1) = "Y"
            PERFORM CARTMAIT-RECORD-SELECT
            MOVE 1 TO AXT-SELECT-PTR
            SET MATCH-PENDING-ON TO TRUE
          END-IF
        ELSE
          MOVE "N" TO AXT-MATCH-IND(1)
        END-IF
      END-IF

    WHEN "CC"
      MOVE AGEBUR OF CARTMAIT-FDENR-CC
        TO CARTMAIT-M2
      MOVE NUMINS OF CARTMAIT-FDENR-CC
        TO CARTMAIT-M1
      MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
      IF CARTMAIT-MATCH-ZONE < AXT-MATCH-FIELD(1)
        MOVE "CARTMAIT" TO AXT-ERROR-FILE
        MOVE CARTMAIT-MATCH-ZONE
          TO AXT-ERROR-ZONE
        MOVE AXT-ERROR-SEQUENCE TO AXT-ABEND-TEXT
        MOVE AXT-SEQ-ERR-CODE TO AXT-ABEND-CODE
        PERFORM AXT-ABEND
      ELSE
        IF CARTMAIT-MATCH-ZONE
          = AXT-MATCH-FIELD(1)
          IF AXT-MATCH-IND(1) = "Y"
            PERFORM CARTMAIT-RECORD-SELECT
            MOVE 1 TO AXT-SELECT-PTR

```

```

                SET MATCH-PENDING-ON TO TRUE
            END-IF
        ELSE
            MOVE "N" TO AXT-MATCH-IND(1)
        END-IF
    END-IF

    WHEN "DD"
        MOVE AGEBUR OF CARTMAIT-FDENR-DD
            TO CARTMAIT-M2
        MOVE NUMINS OF CARTMAIT-FDENR-DD
            TO CARTMAIT-M1
        MOVE "Y" TO AXT-MATCH-FIELD-IND(1)
        IF CARTMAIT-MATCH-ZONE < AXT-MATCH-FIELD(1)
            MOVE "CARTMAIT" TO AXT-ERROR-FILE
            MOVE CARTMAIT-MATCH-ZONE
                TO AXT-ERROR-ZONE
            MOVE AXT-ERROR-SEQUENCE TO AXT-ABEND-TEXT
            MOVE AXT-SEQ-ERR-CODE TO AXT-ABEND-CODE
            PERFORM AXT-ABEND
        ELSE
            IF CARTMAIT-MATCH-ZONE
                = AXT-MATCH-FIELD(1)
                IF AXT-MATCH-IND(1) = "Y"
                    PERFORM CARTMAIT-RECORD-SELECT
                    MOVE 1 TO AXT-SELECT-PTR
                    SET MATCH-PENDING-ON TO TRUE
                END-IF
            ELSE
                MOVE "N" TO AXT-MATCH-IND(1)
            END-IF
        END-IF

    ** ENREGISTRER SANS ZONES DU 'MATCH'
        WHEN OTHER
            MOVE "N" TO AXT-MATCH-IND(1)
            MOVE "N" TO AXT-MATCH-FIELD-IND(1)
        END-EVALUATE
        MOVE CARTMAIT-MATCH-ZONE TO AXT-MATCH-FIELD(1)
        WHEN "CARTE"
            PERFORM READ-CARTE
            IF END-OF-CARTE
                MOVE "E" TO AXT-MATCH-FILE-EOF(2)
                MOVE SPACES TO CARTE-RECORD-TYPE
            ELSE
                PERFORM CARTE-SELECT-RECORD-TYPE
            END-IF

    ** FICHER SANS ENREGISTREMENTS AVEC ZONES 'MATCH'
        MOVE LOW-VALUES TO AXT-MATCH-FIELD(2)
        MOVE "N" TO AXT-MATCH-IND(2)
        MOVE "N" TO AXT-MATCH-FIELD-IND(2)

    END-EVALUATE

    MOVE AXT-LAST-READ TO AXT-PREVIOUS-READ
    IF AXT-SELECT-PTR = 0
        PERFORM AXT-MATCH-SELECT
        IF AXT-SELECT-PTR > 0

```

```

    EVALUATE AXT-MATCH-FILENAME (AXT-SELECT-PTR)
        WHEN "CARTMAIT"
            PERFORM CARTMAIT-RECORD-SELECT
        WHEN "CARTE"
            PERFORM CARTE-RECORD-SELECT
    END-EVALUATE
ELSE
    SET MATCH-PENDING-OFF TO TRUE
END-IF
END-IF
END-IF.

```

```

READ-CONTROL-F.
    EXIT.

```

/

```

READ-CARTMAIT SECTION.
READ-CARTMAIT-D.

```

```

Trace MOVE 'READ-CARTMAIT' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

IF NOT END-OF-CARTMAIT
    READ CARTMAIT-I
        AT END
            MOVE "Y" TO CARTMAIT-END
            PERFORM LAST-RECORD-SELECT
    END-READ
IF NOT END-OF-CARTMAIT
    PERFORM CARTMAIT-STATUS-CHECK
END-IF
END-IF.

```

```

READ-CARTMAIT-F.
    EXIT.

```

/

```

READ-CARTE SECTION.
READ-CARTE-D.

```

```

Trace MOVE 'READ-CARTE' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

IF NOT END-OF-CARTE
    READ CARTE-I
        AT END
            MOVE "Y" TO CARTE-END
            PERFORM LAST-RECORD-SELECT
    END-READ
IF NOT END-OF-CARTE
    PERFORM CARTE-STATUS-CHECK
END-IF
END-IF.

```

```

READ-CARTE-F.
    EXIT.

```

/

```

CARTMAIT-SELECT-RECORD-TYPE SECTION.
CARTMAIT-SELECT-RECORD-TYPE-D.

```

Trace MOVE 'CARTMAIT-SELECT-RECORD-TYPE' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```
* SELECT AA SI TYPE D'ENREGISTRER 'MATCHES'
  IF CARTMAIT-FDENR (01:1) = "0" AND
    CARTMAIT-FDENR (02:1) = "1"
    MOVE "AA" TO CARTMAIT-RECORD-TYPE
  ELSE
```

```
* SELECT CC SI TYPE D'ENREGISTRER 'MATCHES'
  IF CARTMAIT-FDENR (01:1) = "1" AND
    CARTMAIT-FDENR (02:1) = "1"
    MOVE "CC" TO CARTMAIT-RECORD-TYPE
  ELSE
```

```
* SELECT DD SI TYPE D'ENREGISTRER 'MATCHES'
  IF CARTMAIT-FDENR (01:1) = "1" AND
    CARTMAIT-FDENR (02:1) = "2"
    MOVE "DD" TO CARTMAIT-RECORD-TYPE
  END-IF.
```

CARTMAIT-SELECT-RECORD-TYPE-F.  
 EXIT.

/

CARTE-SELECT-RECORD-TYPE SECTION.  
 CARTE-SELECT-RECORD-TYPE-D.

Trace MOVE 'CARTE-SELECT-RECORD-TYPE' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```
* SELECT BB SI TYPE D'ENREGISTRER 'MATCHES'
  IF CARTE-FDENR (01:1) = "9" AND
    CARTE-FDENR (02:1) = "9"
    MOVE "BB" TO CARTE-RECORD-TYPE
  END-IF.
```

CARTE-SELECT-RECORD-TYPE-F.  
 EXIT.

/

CARTMAIT-RECORD-SELECT SECTION.  
 CARTMAIT-RECORD-SELECT-D.

Trace MOVE 'CARTMAIT-RECORD-SELECT' TO AXT-TRACE-MIGR  
 Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

MOVE "CARTMAIT" TO AXT-LAST-READ.

```
* SELECT AA SI TYPE D'ENREGISTRER 'MATCHES' 0
  IF CARTMAIT-FDENR (01:1) = "0" AND
    CARTMAIT-FDENR (02:1) = "1"
    SET IND01-ON TO TRUE
```

ELSE

```
* SELECT CC SI TYPE D'ENREGISTRER 'MATCHES' 1
  IF CARTMAIT-FDENR (01:1) = "1" AND
    CARTMAIT-FDENR (02:1) = "1"
    SET IND11-ON TO TRUE
```

ELSE

```
* SELECT DD SI TYPE D'ENREGISTRER 'MATCHES' 1
  IF CARTMAIT-FDENR (01:1) = "1" AND
    CARTMAIT-FDENR (02:1) = "2"
  SET IND12-ON TO TRUE

END-IF.

* MANAGEMENT DU CONTROL BREAK L1
  IF IND01-ON
  SET INDLZ-ON TO TRUE
  IF NUMINS OF CARTMAIT-FDENR-AA NOT = BRK-L1
  SET INDL1-ON TO TRUE
  MOVE NUMINS OF CARTMAIT-FDENR-AA TO BRK-L1
  END-IF
END-IF.

* MANAGEMENT DU CONTROL BREAK L2
  IF IND01-ON
  SET INDLZ-ON TO TRUE
  IF AGEBUR OF CARTMAIT-FDENR-AA NOT = BRK-L2
  SET INDL2-ON TO TRUE
  MOVE AGEBUR OF CARTMAIT-FDENR-AA TO BRK-L2
  SET INDL1-ON TO TRUE
  MOVE NUMINS OF CARTMAIT-FDENR-AA TO BRK-L1
  END-IF
END-IF.

* MANAGEMENT DU CONTROL BREAK L1
  IF IND11-ON
  SET INDLZ-ON TO TRUE
  IF NUMINS OF CARTMAIT-FDENR-CC NOT = BRK-L1
  SET INDL1-ON TO TRUE
  MOVE NUMINS OF CARTMAIT-FDENR-CC TO BRK-L1
  END-IF
END-IF.

* MANAGEMENT DU CONTROL BREAK L2
  IF IND11-ON
  SET INDLZ-ON TO TRUE
  IF AGEBUR OF CARTMAIT-FDENR-CC NOT = BRK-L2
  SET INDL2-ON TO TRUE
  MOVE AGEBUR OF CARTMAIT-FDENR-CC TO BRK-L2
  SET INDL1-ON TO TRUE
  MOVE NUMINS OF CARTMAIT-FDENR-CC TO BRK-L1
  END-IF
END-IF.

* MANAGEMENT DU CONTROL BREAK L1
  IF IND12-ON
  SET INDLZ-ON TO TRUE
  IF NUMINS OF CARTMAIT-FDENR-DD NOT = BRK-L1
  SET INDL1-ON TO TRUE
  MOVE NUMINS OF CARTMAIT-FDENR-DD TO BRK-L1
  END-IF
END-IF.
```

```

* MANAGEMENT DU CONTROL BREAK L2
  IF INDL2-ON
    SET INDLZ-ON TO TRUE
    IF AGEBUR OF CARTMAIT-FDENR-DD NOT = BRK-L2
      SET INDL2-ON TO TRUE
      MOVE AGEBUR OF CARTMAIT-FDENR-DD TO BRK-L2
      SET INDL1-ON TO TRUE
      MOVE NUMINS OF CARTMAIT-FDENR-DD TO BRK-L1
    END-IF
  END-IF.

```

```

CARTE-RECORD-SELECT-F.
  EXIT.

```

```

CARTE-RECORD-SELECT SECTION.
CARTE-RECORD-SELECT-D.

```

```

Trace  MOVE 'CARTE-RECORD-SELECT' TO AXT-TRACE-MIGR
Trace  IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

  MOVE "CARTE" TO AXT-LAST-READ.

```

```

* SELECT BB SI TYPE D'ENREGISTRER 'MATCHES' 9
  IF CARTE-FDENR (01:1) = "9" AND
    CARTE-FDENR (02:1) = "9"
    SET IND99-ON TO TRUE
  END-IF.

```

```

CARTE-RECORD-SELECT-F.
  EXIT.

```

```

RESTORE-CURRENT-RECORD SECTION.
RESTORE-CURRENT-RECORD-D.

```

```

Trace  MOVE 'RESTORE-CURRENT-RECORD' TO AXT-TRACE-MIGR
Trace  IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```

  EVALUATE AXT-LAST-READ
    WHEN "CARTMAIT"
      PERFORM CARTMAIT-ENR-CHARGEMENT
    WHEN "CARTE"
      PERFORM CARTE-ENR-CHARGEMENT
  END-EVALUATE.
  MOVE MATCH-PENDING-IND TO INDMR.
  MOVE INDLZ TO INDLX.

```

```

RESTORE-CURRENT-RECORD-F.
  EXIT.

```

```

/
*
* SECTION TO SET LR AT END
*

```

```

LAST-RECORD-SELECT SECTION.
LAST-RECORD-SELECT-D.

```

```

Trace  MOVE 'LAST-RECORD-SELECT' TO AXT-TRACE-MIGR
Trace  IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

```

```
IF END-OF-CARTMAIT AND
END-OF-CARTE
SET INDLR-ON TO TRUE
SET INDLX-ON TO TRUE
END-IF.
```

```
LAST-RECORD-SELECT-F.
```

```
EXIT.
```

```
/
```

```
CARTMAIT-ENR-CHARGEMENT SECTION.
```

```
CARTMAIT-ENR-CHARGEMENT-D.
```

```
Trace MOVE 'CARTMAIT-ENR-CHARGEMENT' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.
```

```
IF IND01-ON
MOVE CORRESPONDING CARTMAIT-FDENR-AA TO CARTMAIT-ENR
MOVE BUREAU OF CARTMAIT-FDENR-AA
TO BUREAU OF CARTMAIT-ENR
MOVE SERVIC OF CARTMAIT-FDENR-AA
TO SERVIC OF CARTMAIT-ENR
END-IF.
```

```
IF IND11-ON
MOVE CORRESPONDING CARTMAIT-FDENR-CC TO CARTMAIT-ENR
MOVE BUREAU OF CARTMAIT-FDENR-CC
TO BUREAU OF CARTMAIT-ENR
MOVE SERVIC OF CARTMAIT-FDENR-CC
TO SERVIC OF CARTMAIT-ENR
END-IF.
```

```
IF IND12-ON
MOVE CORRESPONDING CARTMAIT-FDENR-DD TO CARTMAIT-ENR
MOVE BUREAU OF CARTMAIT-FDENR-DD
TO BUREAU OF CARTMAIT-ENR
MOVE SERVIC OF CARTMAIT-FDENR-DD
TO SERVIC OF CARTMAIT-ENR
END-IF.
```

```
CARTMAIT-ENR-CHARGEMENT-F.
```

```
EXIT.
```

```
/
```

```
CARTE-ENR-CHARGEMENT SECTION.
```

```
CARTE-ENR-CHARGEMENT-D.
```

```
Trace MOVE 'CARTE-ENR-CHARGEMENT' TO AXT-TRACE-MIGR
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.
```

```
IF IND99-ON
MOVE CORRESPONDING CARTE-FDENR-BB TO CARTE-ENR
MOVE CORRESPONDING CARTE-FDENR-BB-REDEF1 TO CARTE-ENR
END-IF.
```

```
CARTE-ENR-CHARGEMENT-F.
```

```
EXIT.
```

```
/
```

RES1-ENR-CHARGEMENT SECTION.

RES1-ENR-CHARGEMENT-D.

Trace MOVE 'RES1-ENR-CHARGEMENT' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

RES1-ENR-CHARGEMENT-F.

EXIT.

/

AGENCE-ENR-CHARGEMENT SECTION.

AGENCE-ENR-CHARGEMENT-D.

Trace MOVE 'AGENCE-ENR-CHARGEMENT' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

AGENCE-ENR-CHARGEMENT-F.

EXIT.

/

\*

\* CHARGEMENT AUTOMATIQUE DU TABLE TABARG

\*

CHARGE-TABLE-TABARG SECTION.

CHARGE-TABLE-TABARG-D.

Trace MOVE 'CHARGE-TABLE-TABARG' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

READ RES1-I

AT END SET END-OF-RES1 TO TRUE.

IF NOT END-OF-RES1

PERFORM RES1-STATUS-CHECK

PERFORM VARYING AXT-SUB1 FROM 1 BY 7

UNTIL AXT-SUB1 > 56

SET TABARG-AXT-SUB1 UP BY 1

IF TABARG-AXT-SUB1 > TABARG-AXT-COUNT

MOVE "TABLE TABARG TROP PETITE POUR CHARGEMENT"

TO AXT-ABEND-TEXT

MOVE 99 TO AXT-ABEND-CODE

PERFORM AXT-ABEND

ELSE

MOVE RES1-FDENR (AXT-SUB1:7)

TO TABARG-AXT (TABARG-AXT-SUB1)

END-IF

END-PERFORM

END-IF.

CHARGE-TABLE-TABARG-F.

EXIT.

/

\*

\* CHARGEMENT AUTOMATIQUE DU TABLE TABAGE



\*

CHARGE-TABLE-TABAGE SECTION.

CHARGE-TABLE-TABAGE-D.

Trace MOVE 'CHARGE-TABLE-TABAGE' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

READ AGENCE-I  
AT END SET END-OF-AGENCE TO TRUE.

IF NOT END-OF-AGENCE  
PERFORM AGENCE-STATUS-CHECK  
SET TABAGE-AXT-SUB1 UP BY 1  
IF TABAGE-AXT-SUB1 > TABAGE-AXT-COUNT  
MOVE "TABLE TABAGE TROP PETITE POUR CHARGEMENT"  
TO AXT-ABEND-TEXT  
MOVE 99 TO AXT-ABEND-CODE  
PERFORM AXT-ABEND  
ELSE  
MOVE AGENCE-FDENR TO TABAGE-AXT (TABAGE-AXT-SUB1)  
END-IF  
END-IF.

CHARGE-TABLE-TABAGE-F.

EXIT.

/

PERFO-STATUS-CHECK SECTION.

PERFO-STATUS-CHECK-D.

Trace MOVE 'PERFO-STATUS-CHECK' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF PERFO-STATUS NOT = "00" AND NOT = "05"  
MOVE PERFO-STATUS TO AXT-ABEND-CODE  
MOVE "ERREUR DANS FICHER PERFO"  
TO AXT-ABEND-TEXT  
PERFORM AXT-ABEND  
END-IF.

PERFO-STATUS-CHECK-F.

EXIT.

/

IMPRESSI-STATUS-CHECK SECTION.

IMPRESSI-STATUS-CHECK-D.

Trace MOVE 'IMPRESSI-STATUS-CHECK' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF IMPRESSI-STATUS NOT = "00" AND NOT = "05"  
MOVE IMPRESSI-STATUS TO AXT-ABEND-CODE  
MOVE "ERREUR DANS FICHER IMPRESSI"  
TO AXT-ABEND-TEXT  
PERFORM AXT-ABEND  
END-IF.

IMPRESSI-STATUS-CHECK-F.

EXIT.

/

CARTMAIT-STATUS-CHECK SECTION.

CARTMAIT-STATUS-CHECK-D.

Trace MOVE 'CARTMAIT-STATUS-CHECK' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF CARTMAIT-STATUS NOT = "00"

MOVE CARTMAIT-STATUS TO AXT-ABEND-CODE

MOVE "ERREUR DANS FICHIER CARTMAIT"

TO AXT-ABEND-TEXT

PERFORM AXT-ABEND

END-IF.

CARTMAIT-STATUS-CHECK-F.

EXIT.

/

CARTE-STATUS-CHECK SECTION.

CARTE-STATUS-CHECK-D.

Trace MOVE 'CARTE-STATUS-CHECK' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF CARTE-STATUS NOT = "00"

MOVE CARTE-STATUS TO AXT-ABEND-CODE

MOVE "ERREUR DANS FICHIER CARTE"

TO AXT-ABEND-TEXT

PERFORM AXT-ABEND

END-IF.

CARTE-STATUS-CHECK-F.

EXIT.

/

RES1-STATUS-CHECK SECTION.

RES1-STATUS-CHECK-D.

Trace MOVE 'RES1-STATUS-CHECK' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF RES1-STATUS NOT = "00"

MOVE RES1-STATUS TO AXT-ABEND-CODE

MOVE "ERREUR DANS FICHIER RES1"

TO AXT-ABEND-TEXT

PERFORM AXT-ABEND

END-IF.

RES1-STATUS-CHECK-F.

EXIT.

/

AGENCE-STATUS-CHECK SECTION.

AGENCE-STATUS-CHECK-D.

Trace MOVE 'AGENCE-STATUS-CHECK' TO AXT-TRACE-MIGR

Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.

IF AGENCE-STATUS NOT = "00"

MOVE AGENCE-STATUS TO AXT-ABEND-CODE

```
MOVE "ERREUR DANS FICHER AGENCE"  
TO AXT-ABEND-TEXT  
PERFORM AXT-ABEND  
END-IF.
```

```
AGENCE-STATUS-CHECK-F.  
EXIT.
```

```
/
```

```
RESET-CYCLE-INDS SECTION.  
RESET-CYCLE-INDS-D.
```

```
Trace MOVE 'RESET-CYCLE-INDS' TO AXT-TRACE-MIGR  
Trace IF AXT-TRACE-PGM PERFORM AXT-TRACE END-IF.
```

```
SET INDL1-OFF TO TRUE.  
SET INDL2-OFF TO TRUE.  
SET INDL3-OFF TO TRUE.  
SET INDL4-OFF TO TRUE.  
SET INDL5-OFF TO TRUE.  
SET INDL6-OFF TO TRUE.  
SET INDL7-OFF TO TRUE.  
SET INDL8-OFF TO TRUE.  
SET INDL9-OFF TO TRUE.  
SET IND01-OFF TO TRUE.  
SET IND11-OFF TO TRUE.  
SET IND12-OFF TO TRUE.  
SET IND99-OFF TO TRUE.
```

```
RESET-CYCLE-INDS-F.  
EXIT.
```

```
/
```

```
COPY AXT-GAP-ABEND.
```

```
COPY AXT-GAP-MR-PROC.
```