

PA-ARZ 630

Arab Republic of Egypt, Ministry of Social Insurance

**Automated Egyptian Social
Insurance System
(AESIS)**

**Law 79 Coverage (Transportation)
Detailed System Design**

October 1984

**International Business Services, Inc.
GENASYS Corporation**

COVERAGE SUBSYSTEM
LAW 79 TRANSPORTATION
DETAIL DESIGN DOCUMENT
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SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 September 1984
Screen ID: ECES010 Date l.u.: 14 September 1984
Screen Name: Original Application Phase: 2
Entry Screen

Description:

This screen accepts data for the Original Application Entry program. It conforms to the data found on the Coverage Application Form (Form 1). Program Function Keys will control the application.

User: Data Entry
Type: Document Entry
Document Name: Coverage Application Form (Form 1)
Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

LAW 79, TRANSPORTATION COVERAGE SUBSYSTEM

The Law 79, Transportation Coverage Subsystem establishes initial enrollment, and eligibility check for coverage processing of workers as defined under Law 79, Transportation (i.e., Truck drivers, Cab Drivers, etc.). The subsystem counts through the receipt of payment stamp slips which are submitted by each insured worker once every two years. The major functions of this subsystem are outlined below:

- Checking the eligibility for the Transportation worker when applying for social insurance coverage,
- Updating the Law 79 Coverage Segment of the Coverage Database with initial and transaction data
- Printing operational and management activity reports on insured workers and their contributions,
- Issuing contribution stamp slips for new applicants,
- Reissuing stamp slips to the workers upon receipt of their completed stamp slips,
- Replacing stamp slips for workers who have lost their originals, and
- Terminating an individual's coverage status as determined by the criteria specified under Law 79.

A Transportation Worker will go through the following steps during his period of social insurance coverage under Law 79:

A. Enrollment

When a worker applies for coverage under Law 79, his coverage application data is checked against Law 79 eligibility criteria. If he is eligible for coverage under this law, after the initial data entry edit checks, his transaction is reviewed by an Auditor. Upon approval by the Auditor, he is added to the Law 79 Coverage Segment of the Coverage Database and he is issued a two year contribution stamp slip.

B. Contribution Collection

After his first two year cycle and each succeeding two year cycle, the individual must return his completed stamp slip (e.g., all 24 stamps must be present) to the Social Insurance local office in his place of residence. Upon receipt of his stamps the individual is issued a new stamp slip to be completed during his next two year cycle.

C. Termination

Upon an individual's retirement, death, or transferal to another social insurance law, his coverage under Law 79 is terminated. His completed stamp slip for the last cycle must be returned upon termination or his coverage under this law will be terminated as of the receipt of his last completed cycle.

One of the techniques used in this subsystem to protect the integrity of the database, and to guard against system abuse, is to require more than one person to be involved in all significant database update activities. The following is a list of the identified "users" of the Law 79 Coverage Subsystem:

- Data Entry Clerk - responsible for accurate data entry of coverage applications. All initial transactions must be generated by the Data Entry Clerk.
- Auditor - responsible for the manual and automated verification of the accuracy of the entered data. Only the Auditor can allow the Coverage Database to be updated.
- Inspector - if the Auditor is not satisfied with a given transaction on the file, then he will indicate that a formal inspection is required for that transaction. The inspector performs the inspection and returns his findings to the Auditor, who will then decide whether to process that transaction or suspend it for further investigation.

SUBSYSTEM STRUCTURE CHART

The Subsystem Structure Chart following this section depicts the software components comprising this subsystem and the hierarchy and relationships among the various subsystem components. The two main subsystem functions are Data Entry Processing and Auditor Processing. Other functions include Data Base Inquiry, Report Processing, Inspector Processing, and Batch Processing.

DATA ENTRY PROCESSING

Data Entry Processing consists of the following programs:

ECEP010 - Coverage Application Data Entry

This program validates screen data derived from Form 1, Coverage Application, checks applicant eligibility, and generates Coverage Transaction Data Base segments which will be used during Auditor Processing functions.

ECEP020 - Coverage Change Data Entry

The Coverage Change Data Entry Program displays current coverage data to the data entry operator, validates modified data entered from the Coverage Application Change Form, verifies coverage, and generates Coverage Transaction Data Base segments for use by the Auditor during the Auditor Processing functions.

ECEP030 - Stamp Slip Issuance/Reissuance Data Entry

The Stamp Slip Issuance/Reissuance Program will validate screen request responses by the data entry clerk, and generate Coverage Transaction Data Base segments for use in Auditor Processing.

ECEP040 - Stamp Slip Receipt Data Entry

This program validates Stamp Slip Receipt data entered by the data entry operator, verifies the applicants' eligibility, and generates Coverage Transaction Data Base segments to be used during Auditor Processing.

ECEP050 - Coverage Termination Data Entry

This program displays current coverage data to the data entry operator, validates termination reason and date information as entered by the data entry operator from Form 6, Coverage Termination Form, and generates Coverage Transaction Data Base segments for utilization within the Auditor Processing function.

AUDITOR PROCESSING

The Auditor Processing function of this subsystem is comprised of the following programs:

ECEP100 - Auditor Processing Driver

The Auditor Processing Driver Program displays a transaction selection screen to the Auditor, accepts and validates the entered transaction identifier, retrieves the appropriate Coverage Transaction Data Base segment, determines the proper Auditor Processing module (ECEP110 through ECEP150) to audit the transaction, and transfers control to the selected module.

ECEP110 - Audit Coverage Application

The Audit Coverage Application Program will display Coverage Application data retrieved from the Coverage Transaction Data Base to the Auditor with the options to accept, reject, or modify transactions, place transactions in hold status, or initiate transaction inspections. If the Auditor modifies a transaction, data validation and eligibility checks are made on the modified transaction. Whenever the Auditor approves a transaction, contribution data will be calculated and the appropriate Individual, and Coverage Data Base segments will be updated. Regardless of the transaction disposition selected by the Auditor, the program will generate a new version of the Coverage Transaction Data Base segment reflecting its new post-audit status and any modified data.

ECEP120 - Audit Modification

This program retrieves Coverage Change Form data stored on the Coverage Transaction Data Base and displays it to the Auditor. Following his review of the screen data, the Auditor may accept, reject, or modify the transaction, or place it on hold or inspection status. If the screen data is modified, by the Auditor, the transaction is re-edited and eligibility is re-verified. If the Auditor approves the transaction, pertinent Individual, and Coverage Data Base segments are updated. Any of the above Audit dispositions cause a new version of the Change Transaction reflecting post-Audit status to be written to the Coverage Transaction Data Base.

ECEP130 - Audit Stamp Slip Issuance/Reissuance

This program will display the Stamp Slip Issuance/Reissuance transaction on the Auditor's screen, enable the Auditor to approve, or reject the transaction, or place the transaction on hold or inspection status. If the Auditor approves the transaction, a Stamp Slip will be produced. New versions of all transactions will be generated to indicate their after Audit status.

ECEP140 - Audit Stamp Slip Receipt

The Audit Stamp Slip Receipt Program will display the selected transaction on the Auditor's screen, provide transaction approval, modification, rejection, hold, and inspection capabilities. Whenever the Auditor selects the modify option, the program will re-edit the transaction data. If the Auditor approves the transaction, the program will apply all pertinent updates to the Individual, and Coverage Data Bases. All Audit dispositions will cause a new version of the Coverage Transaction Data Base segment to be written.

ECEP150 - Audit Coverage Termination

The Audit Coverage Termination Program will load the Auditor's screen with data extracted from the Coverage Transaction Data Base segment, display the Termination data to the Auditor, and permit the Auditor to approve, reject, or modify the transaction, place it in hold status, or route the transaction to the inspection function. The program will re-edit all data and re-verify coverage if the Auditor modifies the transaction. A post-Audit version of all transactions will be written to the Coverage Transaction Data Base. If the Auditor approves the transaction, the program will apply all appropriate updates to the Individual, and Coverage Data Bases.

INSPECTOR PROCESSING

The subsystem Inspector Processing function is provided by the following programs:

ECEP210 - Inspection Assignment

This program provides the capability of assigning an inspector and entering an assignment date for a Coverage Transaction Data Base segment which has been flagged for Inspection by the Auditor. The program accepts a transaction identifier, retrieves the appropriate transaction, displays it on the screen, and accepts Inspector SIN and assignment date. The program then writes the new version of the transaction to the Coverage Transaction Data Base.

ECEP220 - Inspection Results

The Inspection Results Program provides for the entry of the results of an inspection for transactions previously assigned to an inspection status. The program accepts a transaction identifier from the screen, retrieves the corresponding segment from the Coverage Transaction Data Base, displays the transaction, and accepts a new, "inspection complete" status code. Once the screen data is verified, a new version of the transaction is written to the Coverage Transaction Data Base.

DATA BASE INQUIRY

This subsystem provides Coverage data inquiry facilities through the following program:

ECEP310 - Inquiry by SIN

The Inquiry by SIN Program provides a screen display of Coverage and Individual Data Base information. The program accepts the required SIN from the screen, retrieves the appropriate Data Base segments, and displays it to the screen.

BATCH PROCESSING

The capability to process batch transactions received from local offices is provided by the following programs:

ECEP410 - Batch Input Transaction Processing

The Batch Input Transaction Processing Program receives transactions from the local offices, accesses the Control Data Base to obtain transaction identifiers, assigns the transaction identifiers to each transactions, formats the incoming transactions into Coverage Transaction Data Base format, and writes the transactions to the Coverage Transaction Data Base with a "ready for audit" transaction status code.

ECEP420 - Archive Coverage Transactions

This program scans the Coverage Transaction Data Base for completed batch transactions, transfers these transactions to history files and deletes the transactions from the Coverage Transaction Data Base.

REPORT GENERATION

Multiple report generation facilities are provided within this subsystem as follows:

ECEP510 - Eligibility Report

The Eligibility Report Program accepts a date or range of dates from the screen corresponding to the required report period. Once the dates are verified, this program will initiate a batch job which will search the Coverage Transaction Data Base for transactions with "approved" status codes and coverage dates within the requested report date range. Each applicable record will be used to format a hardcopy report entry.

ECEP520 - Termination Report

This program provides a hardcopy report of coverage terminations within a user specified time period. The program accepts a report date or range of dates from the screen, verifies the dates, and initiates a batch job which searches the Coverage Transaction Data Base for transactions containing status codes indicating termination and termination dates within the report date range requested by the user.

ECEP530 - Stamp Slip Issuance Report

The Stamp Slip Issuance Report Program provides a hardcopy report of all activity occurring within a user specified time period. The program accepts a report date or date range, edits the screen input date(s), and initiates a batch job which will extract all applicable records from the Coverage Transaction Data Base and format them into the Stamp Slip Issuance Report.

ECEP540 - Stamp Slip Receipt Report

The Stamp Slip Receipt Report Program accepts a user required report date or range of dates, edits the date(s), and spawns a batch job which will generate a hardcopy report of daily activity generated by stamp slip receipts.

ECEP550 - Daily Transaction Report

The Daily Transaction Report Program provides a hardcopy report of all activity occurring within a user specified time period. The program accepts a report date or date range, and initiates a batch job which will extract all applicable records from the Coverage Transaction Data Base and format them into the Daily Transaction Report.

ECEP560 - Daily Inspection Report

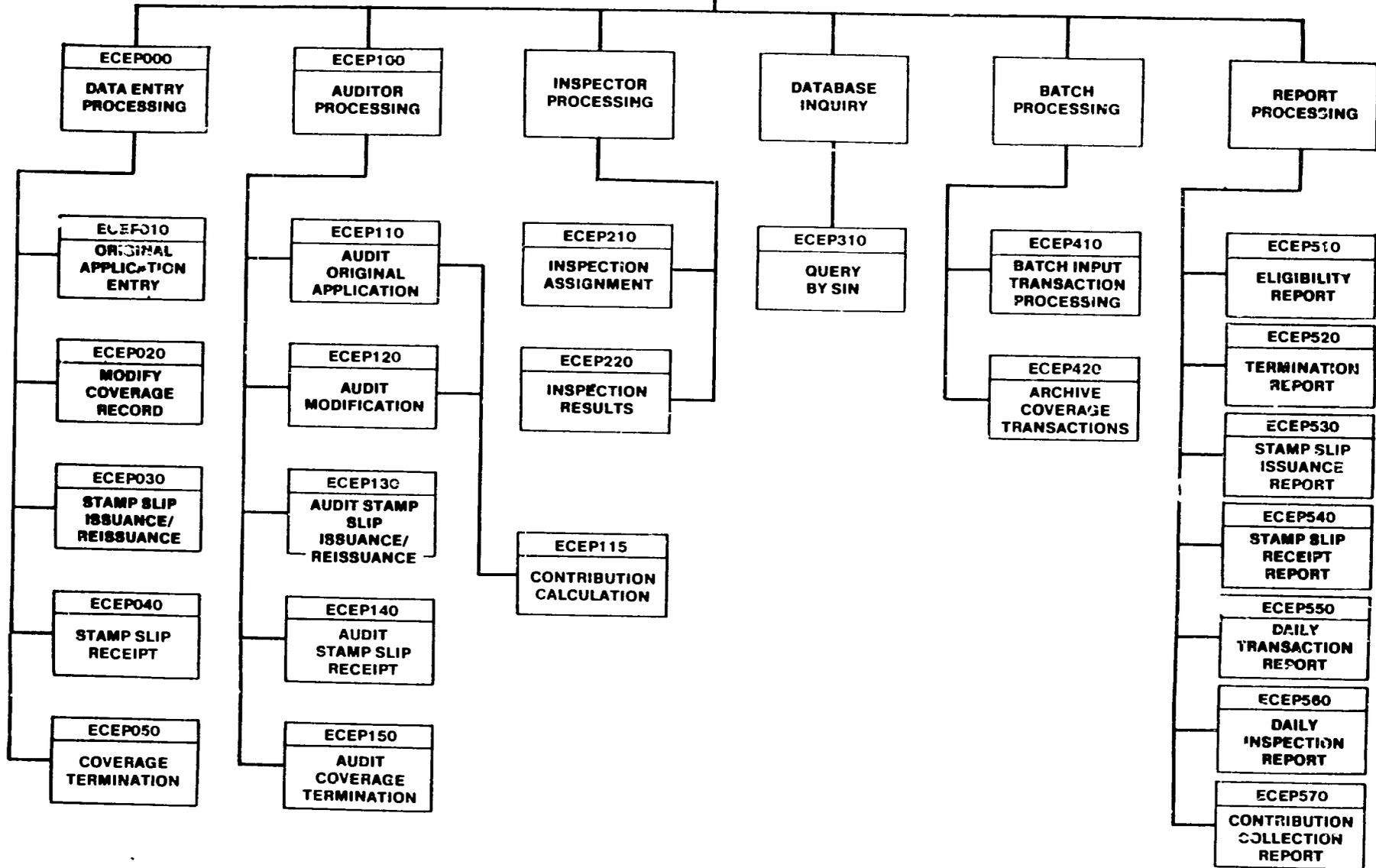
The Daily Inspection Report Program provides a hardcopy report of all activity occurring within a user specified time period. The program accepts a report date or date range, and

initiates a batch job which will extract all applicable records from the Coverage Transaction Data Base and format them into the Daily Inspection Report.

ECEP570 - Contribution Collection Report

The Contribution Collection Report Program provides a hardcopy report of all activity on an annual cycle. This program generates the billing information for the contribution from the Treasury for insured stamp people. It initiates a batch job which will extract all applicable records from the Coverage Data Base and calculates the amount owed by the Treasury.

LAW 79
(TRANSPORTATION)
COVERAGE
SUBSYSTEM



SUBSYSTEM FLOW DIAGRAM

The Subsystem Flow Diagram following this section depicts the progression of subsystem data from input forms through final Data Base Update. In general, input forms are manually verified, entered via formatted screens and transferred to the Coverage Transaction Data Base within the subsystem Data Entry Processing function. The Auditor Processing function then reads the Coverage Transaction Data Base, verifies the transactions and applies the appropriate updates to the AESIS data bases for all approved transactions.

The Data Entry Processing function validates all entered data, provides supporting descriptive data for codes entered by the data entry operator, performs eligibility or coverage verification tasks, and creates transaction data base segments for use by later activities.

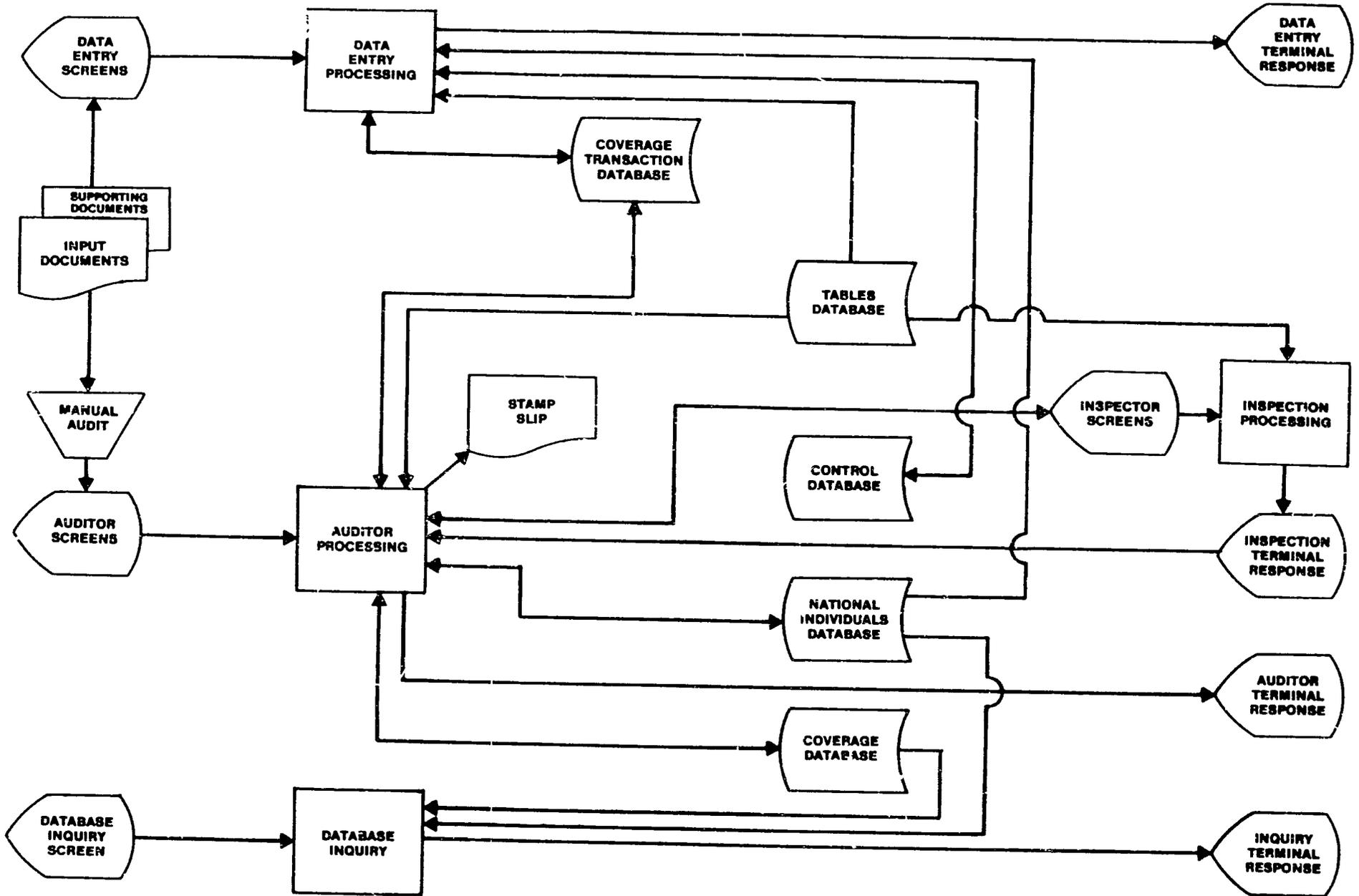
The Auditor Processing function reviews the data entered by the data entry operators. The Auditors receive this data by means of the Coverage Transaction Data Base segments created during Data Entry Processing activities. During their reviews, the Auditors may approve, reject or modify transactions, or may choose to put transactions on a hold status or direct a transaction to an inspector for more comprehensive review. If the Auditor elects to modify a transaction, the Auditor Processing function programs will re-edit the transaction and will repeat all coverage eligibility or coverage verification checks. Once a transaction has been approved by an Auditor, the Auditor Processing function programs will perform all required calculations and will process updates to the Individual, and Coverage Data Bases, and will generate a final version of the transactions which indicate that the data bases have been updated and that the transactions are available for archiving to history files.

The Inspector Processing function is an adjunct to Auditor Processing which allows the removal of a transaction from the main subsystem flow for a period of time to permit a comprehensive review of the transaction or to await additional or supporting information.

The Data Base Inquiry function provides the user with screen displays of requested Coverage data from the AESIS Data Bases.

The Report Generation function provides the user with the capability to request and generate various hardcopy reports covering user selected time periods.

COVERAGE SUBSYSTEM FLOW - LAW 79 (TRANSPORTATION)



PROGRAM DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	27 May 1984
Function:	Data Entry Processing	Date l.u.:	12 Sept 1984
Program:	ECEP010 - Original Application Entry	Phase	2

CICS Trans ID: E010

Description:

The purpose of the Original Application Entry program is to provide for the data entry of the Coverage Application Form (Form No. 1). A record will be created on the Coverage Transaction Database once the data passes through the edit checks.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data entered on the screen will be read into the program. This data is:

1. Occupation Code
2. Application Date
3. Occupation Start Date
4. License Code
5. Place of Issuance Code
6. License Number
7. Expiration Date

C. This data will then be edited to insure that it is valid. All fields are mandatory. The Occupation Code must be present on the Occupation Code Table Database and be a valid code for a worker under Law 79. The screen will be re-displayed with the occupation description obtained from the Occupation Code Table database. The date fields must be valid dates. The applicant's age is edited to determine that he is not younger than 18 or older than 60.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects that the record is ready for audit.

E. A Control Number is obtained from the Control Database which becomes the Transaction Number for this record. The Control Number is incremented by one and replaced in the Control Database.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

11 - Record in Data Entry

15 - Record Ready for Audit

The type of record (Original Application Record) will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program), the Control Database, the Tables database, and the data entered into the Original Application Screen (ECES010) from the applicant's Coverage Application Form (Form No. 1). The output from this program is a record on the Coverage Transaction Database, the modified record on the Control database, and the communications area.

INPUTS:

Files: Tables and Control Databases

Screens: Coverage Application (ECES010)

Reports: None

Documents: Coverage Application Form (Form No. 1), Supporting Documents

Communications Area: CICS Communications Area

OUTPUTS:

Files: Control, Coverage Transaction databases

Screens: Coverage Application (ECES010)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

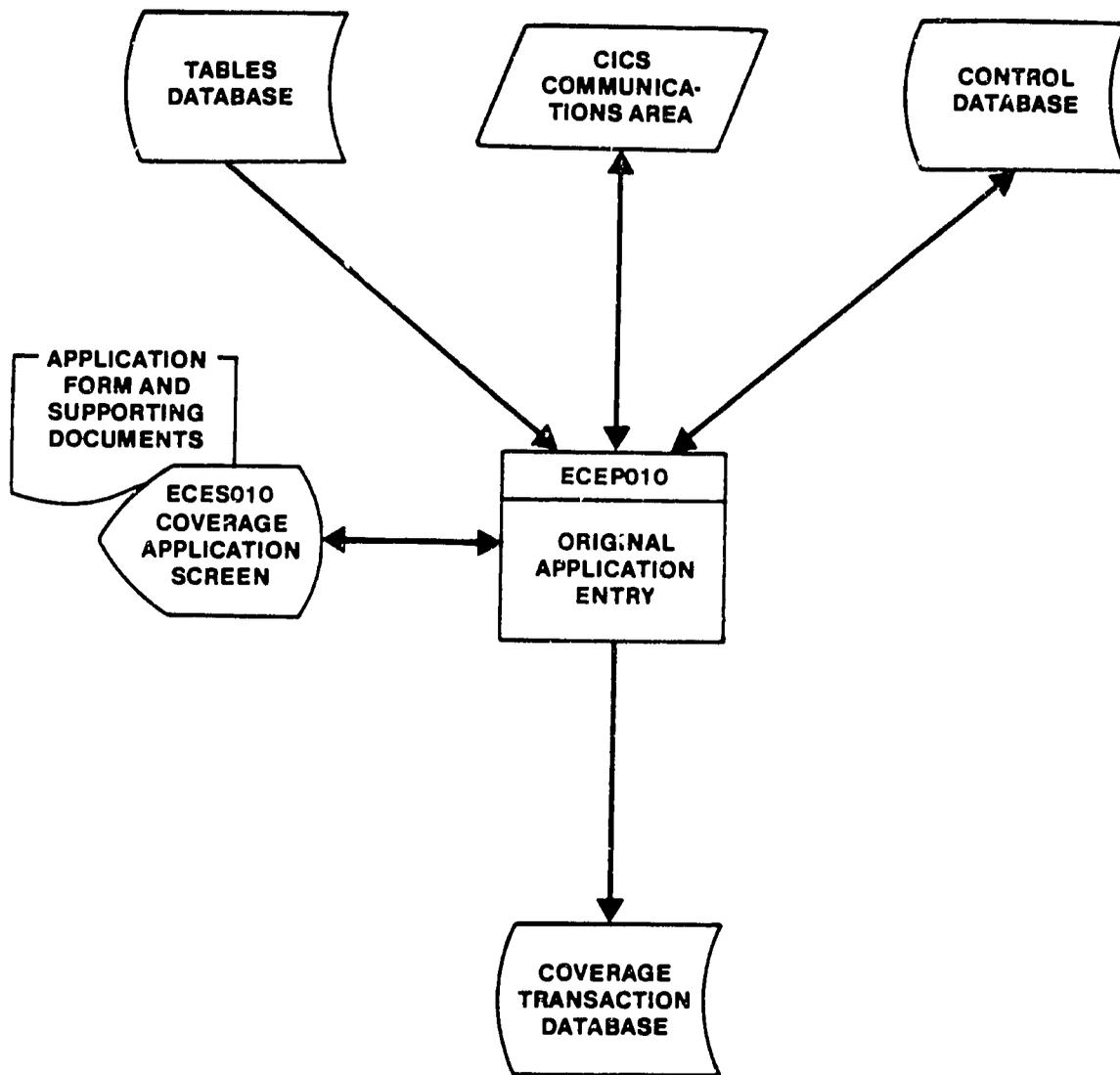
Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
ORIGINAL APPLICATION ENTRY**



PROCESSING LOGIC

0000-MAINLINE

```
IF COM-EDIT-SW = 0
    MOVE MAP NAME (ECES010) TO COM-PANEL
    MOVE MAP SET NAME (ECES010) TO COM-PANEL-SET
    MOVE PROGRAM TRANSACTION ID (E010) TO COM-TRAN-ID
    PERFORM 0100-SEND-INITIAL-MAPS
    GET CONTROL DATA BASF TRANSACTION NUMBER
    ADD 1 TO TRANSACTION NUMBER
    MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANS-NUMBER,
        SCREEN-TRANS-NUMBER
    REPLACE TRANSACTION NUMBER IN CONTROL DATABASE
    PERFORM 3000-PREPROCESS-TRANSACTION
ENDIF

IF COM-EDIT-SW = 1
    PERFORM 1000-EDIT-DATA-ENTERED
ENDIF

IF COM-EDIT-SW = 2
    PERFORM 2000-APPLICATION-AGE-CHECK
ENDIF

IF COM-EDIT-SW = 3
    PERFORM 4000-PROCESS-TRANSACTION
ENDIF

IF COM-EDIT-SW = 4
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    PERFORM 4100-XCTL
ENDIF
```

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING SCREEN
OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

1000-EDIT-DATA-ENTERED SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL-SET)

END-EXEC

IF APPLICATION-DATE LENGTH GREATER THAN ZERO

CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)

MOVE INTERNAL-DATE TO COM-APPL-DATE

MOVE "Y" TO COM-EDIT-1

ELSE

MOVE CURSOR TO APPLICATION-DATE LENGTH

SET APPLICATION-DATE ATTRIBUTE

MOVE 'COVERAGE APPLICATION DATE MANDATORY ITEM' TO MSG-LINE

PERFORM 9000-FSET

ENDIF

IF EXPIRATION-DATE LENGTH GREATER THAN ZERO

CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)

MOVE INTERNAL-DATE TO COM-APPL-DATE

MOVE "Y" TO COM-EDIT-2

ELSE

MOVE CURSOR TO EXPIRATION-DATE LENGTH

SET EXPIRATION-DATE ATTRIBUTE

MOVE 'EXPIRATION DATE MANDATORY ITEM' TO MSG-LINE

PERFORM 9000-FSET

ENDIF

```

IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
    IF OCCUPATION-CODE IS NUMERIC
        PERFORM 1100-FUNCTIONAL-ELIGIBILITY-CHECK
    MOVE OCCUPATION DESCRIPTION TO OCC-DISPLAY FIELD
    MOVE OCCUPATION-CODE TO COM-OCCUPATION-CODE
    MOVE "Y" TO COM-EDIT-3
ELSE
    MOVE CURSOR TO OCCUPATION-CODE
    SET OCCUPATION-CODE ATTRIBUTE
    PERFORM 9000-FSET
ELSE
    MOVE CURSOR TO OCCUPATION-CODE
    SET OCCUPATION-CODE ATTRIBUTE
    MOVE 'COVERAGE OCCUPATION CODE MANDATORY ITEM' TO
        MSG-LINE
    PERFORM 9000-FSET
ENDIF
ENDIF
IF OCCUPATION-START-DATE LENGTH GREATER THAN ZERO
    CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)
    MOVE INTERNAL-DATE TO COM-OCC-START-DATE
    MOVE "Y" TO COM-EDJT-4
ELSE
    MOVE CURSOR TO OCC-START-DATE LENGTH
    SET OCC-START-DATE ATTRIBUTE
    MOVE `COVERAGE OCCUPATION DATE MANDATORY ITEM' TO
        MSG-LINE
    PERFORM 9000-FSET

```

```
ENDIF
IF WS-EDIT-FLAGS-PASSED EQUAL TO "YYYY"
    MOVE 2 TO COM-EDIT-SW
ENDIF
IF PF KEY RESPONSE EQUAL TO CANCEL
    MOVE 2 TO COM-EDIT-SW
ENDIF
```

1100-FUNCTIONAL-ELIGIBILITY-CHECK SECTION

MOVE OCCUPATION-CODE TO RECORD-KEY

GET TABLES DATABASE

IF FOUND

MOVE OCCUPATION TYPE TO OCCUPATION DESCRIPTION

ELSE

FAIL EDIT

ENDIF

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'O' TO COM-CV-TRANSACTION-TYPE

MOVE '11' TO COM-CV-STATUS-CODE

MOVE COM-OPER-SIN TO APPROVED-BY-ISIN

MOVE 1 TO COM-EDIT-SW

MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE 1

SET PF KEYS TO "ACCEPT"

"REFRESH"

"CANCEL"

MENU FUNCTIONS

MOVE 'E010' TO COM-TRAN-ID

MOVE 'ECEP010' TO COM-DESTIN-PROG

COM-ORIGIN-PROG

PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

2000-APPLICATION-AGE-CHECK SECTION

```
    COMPUTE WS-18TH-BIRTHDATE = COM-DATE-OF-BIRTH + 18
    COMPUTE WS-60TH-BIRTHDATE = COM-DATE-OF-BIRTH + 60
    CALL DATE-CONVERSION SUBROUTINE
    MOVE INTERNAL-DATE TO COM-RETIRE-DATE
    COMPUTE WS-APPLICATION-AGE =
        APPLICATION-DATE - COM-BIRTH-DATE
    IF WS-APPLICATION-AGE LESS THAN WS-18TH-BIRTHDATE
        MOVE 'NOT ELIGIBLE - LESS THAN 18 YEARS OLD' TO MSG-LINE
        MOVE "N" TO WS-AGE-18
        PERFORM 9000-FSET
    ENDIF
    IF WS-APPLICATION-AGE GREATER THAN OR EQUAL WS-60TH-BIRTHDATE
        MOVE `NOT ELIGIBLE - APPLICANT OLDER THAN AGE LIMIT'
            TO MSG-LINE
        MOVE "N" TO WS-AGE-60
        PERFORM 9000-FSET
    ENDIF
    IF WS-AGE-18-OR WS-AGE-60 = "N"
        MOVE 3 TO COM-EDIT-SW
        MOVE CANCEL TO PF KEY RESPONSE
    ELSE
        MOVE 3 TO COM-EDIT-SW
    ENDIF
```

4000-PROCESS-TRANSACTION SECTION

```
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE '15' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
ENDIF
```

```
IF PF KEY DENOTES CANCEL
    MOVE '11' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
ENDIF
```

```
MOVE 4 TO COM-EDIT=SW
```

4100-XCTL SECTION

```
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W)
    LENGTH (COM-LENGTH)
END-EXEC
```

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage	Author: DSMC
Subsystem: Law 79, Transportation	Date f.c.: 31 July 1984
Function: Data Entry Processing	Date l.u.: 12 September 1984
Program: ECEP020 - Modify Coverage Record	Phase: 2

CICS Trans ID: E020

Description:

The purpose of the Modify Coverage Record program is to provide for the data entry of the Coverage Change Form. A record will be created on the Coverage Transaction Database once the data passes through the edit checks.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data entered on the screen will be read into the program. This data is:

1. Occupation Code
2. Occupation Start Date
3. License Code
4. Place of Issuance Code
5. License Number
6. Expiration Date

C. This data will then be edited to insure that it is valid; all fields are mandatory. The Occupation Code must be present on the Occupation Code Table Database and be a valid code for a worker under Law 79. The screen will be re-displayed with the occupation description obtained from the Occupation Code Table database. The date fields must be valid dates.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects that the record is ready for audit.

E. A Control Number is obtained from the Control Database which becomes the Transaction Number for this record. The Control Number is incremented by one and replaced in the Control Database.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

11 - Record in Data Entry

15 - Record Ready for Audit

The type of record (Modify Coverage Record) will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program), the Control Database, the Tables Database, and the data entered into the Modify Coverage Record Screen (ECES020) from the applicant's Coverage Change Form. The outputs from this program are a record on the Coverage Transaction Database, the modified record on the Control Database, and the communications area.

INPUTS:

Files: Tables, Control Databases

Screens: Modify Coverage Record (ECES020)

Reports: None

Documents: Coverage Change Form, Other Supporting Documents

Communications Area: CICS Communications Area

OUTPUTS:

Files: Control, Coverage Transaction Databases

Screens: Modify Coverage Record (ECES020)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

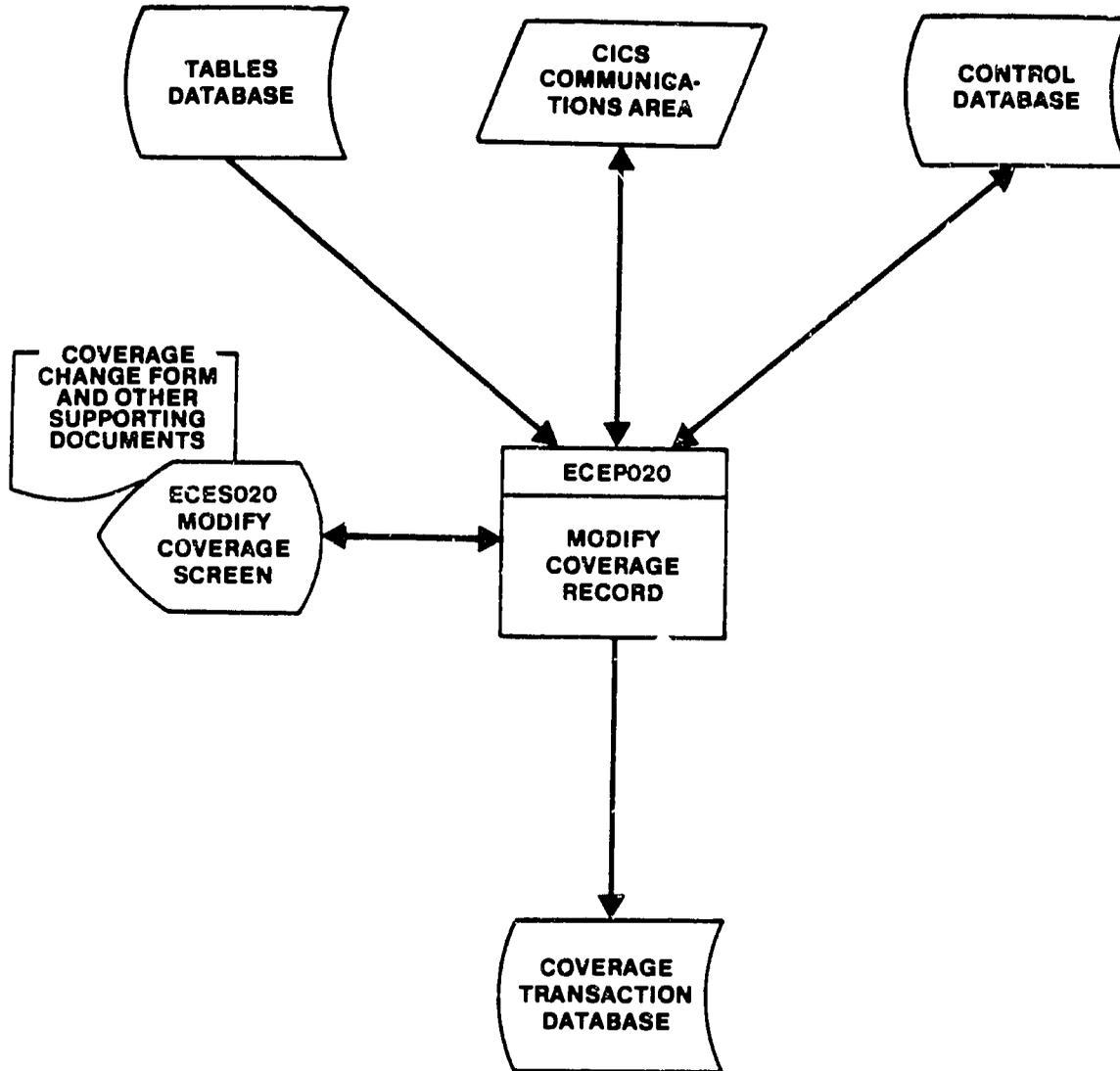
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
MODIFY COVERAGE RECORD**



PROCESSING LOGIC

0000-MAINLINE

```
IF COM-EDIT-SW = 0
    MOVE MAP NAME (ECES020) TO COM-PANEL
    MOVE MAP SET NAME (ECEM20) TO COM-PANEL-SET
    MOVE PROGRAM TRANSACTION ID (E020) TO COM-TRAN-ID
    GET CONTROL DATA BASE TRANSACTION NUMBER
    ADD 1 TO TRANSACTION NUMBER
    MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANS-NUMBER,
        SCREEN-TRANS-NUMBER
    REPLACE TRANSACTION NUMBER IN CONTROL DATABASE
    PERFORM 0100-SEND-INITIAL-MAPS
    PERFORM 3000-PREPROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 1
    PERFORM 1000-EDIT-DATA-ENTERED
ENDIF
IF COM-EDIT-SW = 2
    PERFORM 4000-PROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 3
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    PERFORM 4100-XCTL
ENDIF
```

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

1000-EDIT-DATA-ENTERED SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

END-EXEC

IF OCCUPATION-CODE LENGTH GREATER THAN ZERO

IF OCCUPATION-CODE IS NUMERIC

PERFORM 1100-FUNCTIONAL-ELIGIBILITY-CHECK

MOVE OCCUPATION DESCRIPTION TO OCC-DISPLAY FIELD

MOVE OCCUPATION-CODE TO COM-OCCUPATION-CODE

MOVE "Y" TO WS-EDIT-1

ELSE

MOVE CURSOR TO OCCUPATION-CODE

SET OCCUPATION-CODE ATTRIBUTE

PERFORM 9000-FSET

ELSE

MOVE CURSOR TO OCCUPATION-CODE

SET OCCUPATION-CODE ATTRIBUTE

MOVE 'COVERAGE OCCUPATION CODE MANDATORY ITEM' TO MSG-LINE

PERFORM 9000-FSET

ENDIF

IF OCCUPATION-START-DATE LENGTH GREATER THAN ZERO

CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)

MOVE INTERNAL-DATE TO COM-OCC-START-DATE

MOVE "Y" TO WS-EDIT-2

ELSE

MOVE CURSOR TO OCC-START-DATE LENGTH

SET OCC-START-DATE ATTRIBUTE

```

        MOVE 'COVERAGE OCCUPATION DATE MANDATORY ITEM' TO MSG-LINE
        PERFORM 9000-FSET
    ENDIF
    IF EXPIRATION-DATE LENGTH GREATER THAN ZERO
        CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)
        MOVE INTERNAL-DATE TO COM-APPL-DATE
        MOVE "Y" TO WS-EDIT-EDIT-3
    ELSE
        MOVE CURSOR TO EXPIRATION-DATE LENGTH
        SET EXPIRATION-DATE ATTRIBUTE
        MOVE 'EXPIRATION DATE MANDATORY ITEM' TO MSG-LINE
        PERFORM 9000-FSET
    ENDIF
    IF WS-EDIT-FLAGS-PASSED EQUAL TO "YYY"
        MOVE 2 TO COM-EDIT-SW
    ENDIF
    IF PF KEY RESPONSE EQUAL TO CANCEL
        MOVE 2 TO COM-EDIT-SW
    ENDIF

```

1100-FUNCTIONAL-ELIGIBILITY-CHECK SECTION

MOVE OCCUPATION-CODE TO RECORD-KEY

GET TABLES DATABASE

IF FOUND

MOVE OCCUPATION TYPE TO OCCUPATION DESCRIPTION

ELSE

FAIL EDIT

ENDIF

3000-PREPROCESS TRANSACTION SECTION

MOVE 'M' TO COM-CV-TRANSACTION-TYPE
MOVE '11' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE 1
SET PF KEYS TO "ACCEPT"
 "REFRESH"
 "CANCEL"
 MENU FUNCTIONS
MOVE 'E020' TO COM-TRAN-ID
MOVE 'ECEP020' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

```
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE '15' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
ENDIF

IF PF KEY DENOTES CANCEL
    MOVE '11' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION-DATABASE
ENDIF

MOVE 3 TO COM-EDIT-SW
```

4100-XCTL SECTION

```
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W
    LENGTH (COM-LENGTH)
END-EXEC
```

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN SECTION

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-w)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage	Author: DSMC
Subsystem: Law 79, Transportation	Date f.c.: 27 May 1984
Function: Data Entry Processing	Date l.u.: 12 September 1984
Program: ECEP030 - Stamp Slip Issuance/Reissuance	Phase: 2

CICS Trans ID: E030

Description:

The purpose of the Stamp Slip Issuance/Reissuance program is to provide the ability to the data entry clerk to request a Stamp Slip Issuance/Reissuance. A record will be created on the Coverage Transaction Database upon verification by the data entry clerk that such a record should be created.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data will be sight verified by the data entry clerk and a message displayed "Is this the correct data for this individual?"

C. If the answer is yes, a Control Number is obtained from the Control Database which becomes the Transaction Number for this record. The Control Number is incremented by one and replaced in the Control Database.

D. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

11 - Record in Data Entry

15 - Record Ready for Audit

The type of record (Stamp Slip Issuance/Reissuance Record) will be contained in the record along with the status code and the data.

E. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program), the Control Database, and the data entered into the Stamp Slip Issuance/Reissuance Screen (ECES030). The outputs from this program are a record on the Coverage Transaction Database, the modified record on the Control Database, and the Communications area.

INPUTS:

Files: Control Database

Screens: Stamp Slip Issuance/Reissuance (ECES030)

Reports: None

Documents: Stamp Slip, Stamp Slip Request

Communications Area: CICS Communications Area

OUTPUTS:

Files: Control, Coverage Transaction databases

Screens: Stamp Slip Issuance/Reissuance (ECES030)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

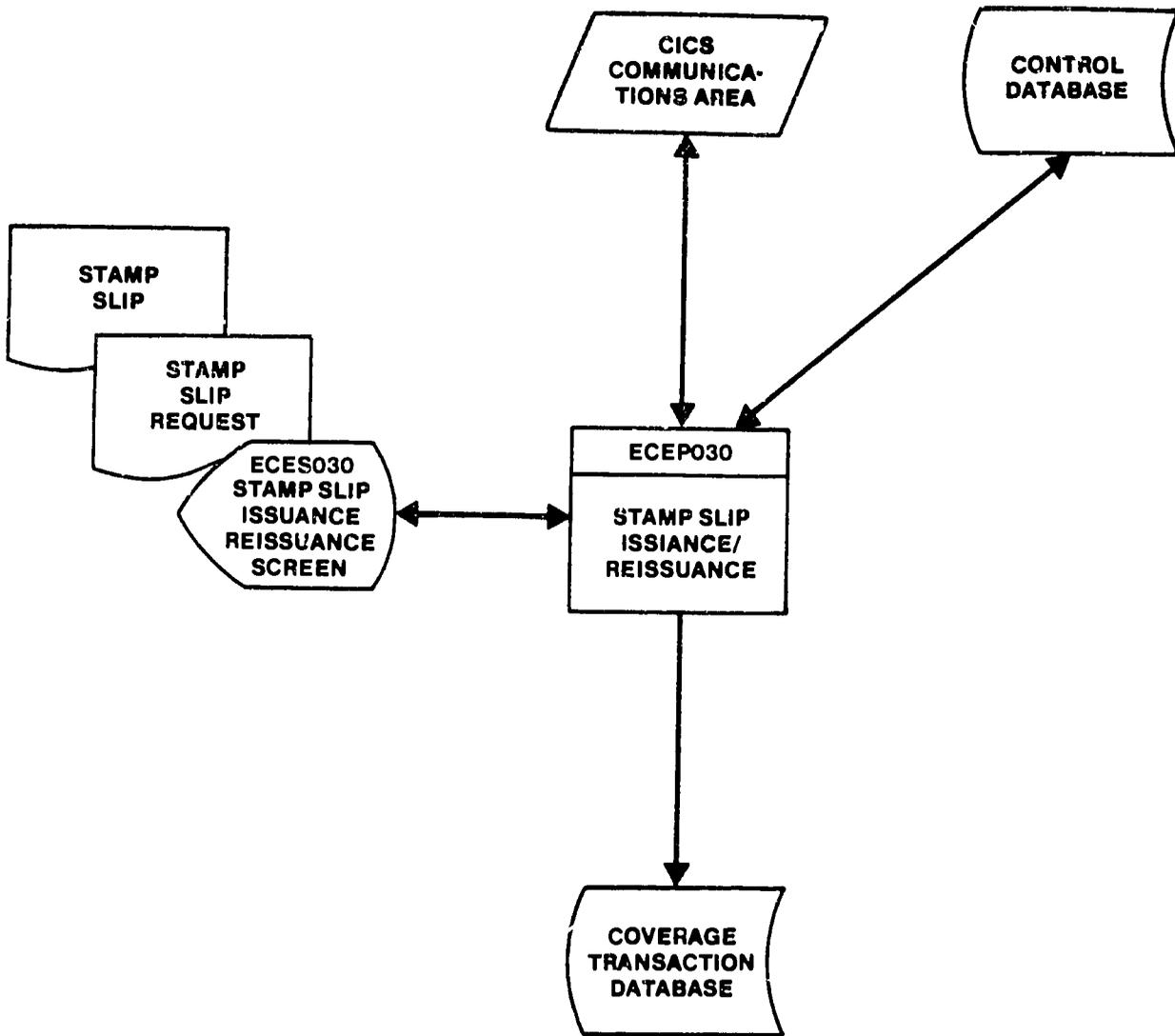
Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
STAMP SLIP ISSUANCE/REISSUANCE**



PROCESSING LOGIC

0000-MAINLINE

IF COM-EDIT-SW = 0

MOVE MAP NAME (ECES030) TO COM-PANEL

MOVE MAP SET NAME (ECEM30) TO COM-PANEL-SET

MOVE PROGRAM TRANSACTION ID (E030) TO COM-TRAN-ID

PERFORM 0100-SEND-INITIAL-MAPS

PERFORM 3000-PREPROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 1

PERFORM 1000-EDIT-DATA-ENTERED

ENDIF

IF COM-EDIT-SW = 2

PERFORM 4000-PROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW =3

MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID

PERFORM 4100-XCTL

ENDIF

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING SCREEN

OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

1000-EDIT-DATA-ENTERED SECTION

IF STAMP-REQUEST-RESPONSE EQUAL YES

MOVE ACCEPT TO PF KEY RESPONSE

ENDIF

IF STAMP-REQUEST-RESPONSE EQUAL NO

MOVE CANCEL TO PF KEY RESPONSE

ENDIF

MOVE 3 TO COM-EDIT-SW

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'I' TO COM-CV-TRANSACTION-TYPE
MOVE '21' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE1
MOVE STAMP REQUEST MESSAGE TO MSG-LINE2
SET PF KEYS TO "ACCEPT"
 "REFRESH"
 "CANCEL"
 "INSPECT"
 MENU FUNCTIONS
MOVE 'E030' TO COM-TRAN-ID
MOVE 'E030' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES U'PDATE COMPLETE

MOVE '25' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES CANCEL

MOVE '21' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES INSPECTION

MOVE '23' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

ENDIF

4100-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END EXEC

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100--BASIC-RETURN SECTION

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DEF COMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

INPUTS:

Files: Control, Tables Databases

Screens: Stamp Slip Receipt (ECES040)

Reports: None

Documents: Individual's Stamp Slip

Communications Area: CICS Communication Area

OUTPUTS:

Files: Control, Coverage Transaction Databases

Screens: Stamp Slip Receipt (ECES040)

Reports: None

Documents: None

Communications Area: CICS Communication Area

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

```
IF COM-EDIT-SW = 0
    MOVE MAP NAME (ECES040) TO COM-PANEL
    MOVE MAP SET NAME (ECEM40) TO COM-PANEL-SET
    MOVE PROGRAM TRANSACTION ID (E040) TO COM-TRAN-9D
    GET CONTROL DATA BASE TRANSACTION NUMBER
    ADD 1 TO TRANSACTION NUMBER
    MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANS-NUMBER,
        SCREEN-TRANS-NUMBER
    REPLACE TRANSACTION NUMBER IN CONTROL DATABASE
    PERFORM 0100-SEND-INITIAL-MAPS
    PERFORM 3000-PREPROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 1
    PERFORM 1000-EDIT-DATA-ENTERED
ENDIF
IF COM-EDIT-SW = 2
    PERFORM 4000-PROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 3
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    PERFORM 4100-XCTL
ENDIF
```

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING
SCREEN OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN SECTION

1000-EDIT-DATA-ENTERED

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

END-EXEC

IF WS-COM-MONTHS EQUAL TO 24

MOVE THE NUMBER-OF-MONTHS AND TOTAL-AMOUNT-OF-STAMPS TO THE
INDIVIDUAL'S COVERAGE TRANSACTION RECORD AREA

MOVE ACCEPT TO OF KEY REPOSE

MOVE 2 TO COM-EDIT-SW

ELSE

PERFORM 1010-EDIT-CONTRIBUTION-DATA

ENDIF

1010-EDIT-CONTRIBUTION-DATA

```
    IF STAMP-RETURN-CONDITION GREATER THAN 4 OR LESS THAN 0
        MOVE CURSOR TO STAMP-RETURN-CONDITION LENGTH
        SET STAMP-RETURN-CONDITION ATTRIBUTE
        MOVE 'STAMP CONDITION MANDATORY ITEM' TO MSG-LINE
        PERFORM 9000-FSET
    ENDIF

    MOVE CONDITION-CODE TO RECORD-KEY

    GET TABLES DATABASE

    IF FOUND
        MOVE CONDITION TYPE TO CONDITION DESCRIPTION
        MOVE NUMBER-OF-MONTHS AND TOTAL-AMOUNT-OF-STAMPS TO THE
            COVERAGE TRANSACTION RECORD AREA
        MOVE ACCEPT TO PF KEY RESPONSE
        MOVE 2 TO COM-EDIT-SW
    ELSE
        FAIL EDIT
    ENDIF
```

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'R' TO COM-CV-TRANSACTION-TYPE
MOVE '11' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE1
MOVE 'E040' TO COM-TRAN-ID
MOVE 'ECEP040' TO COM-DESTIN-PROG
COM-ORIGIN-PROG
SET PF KEYS TO "ACCEPT"
"REFRESH"
"CANCEL"
MENU FUNCTIONS
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
MAPSET (COM-PANEL-SET)
MAP (COM-PANEL)
FREEFB
CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES UPDATE COMPLETE
MOVE '15' TO COM-STATUS-CODE
INSERT COM-COVERAGE-RECORD
TO COVERAGE-TRANSACTION DATABASE
ENDIF

IF PF KEY DENOTES CANCEL
MOVE '11' TO COM-STATUS-CODE
INSERT COM-COVERAGE-RECORD
TO COVERAGE-TRANSACTION DATABASE
ENDIF

MOVE 3 TO COM-EDIT-SW

4100-XCTL SECTION

EXEC CICS XCTL
PROGRAM (COM-DESTIN-PROG)
COMMAREA (DFHCOMMAREA-W)
LENGTH (COM-LENGTH)

9000-FSET SECTION

EXEC CICS SEND
MAPSET (COM-PANEL-SET)
MAP (COM-PANEL)
FREEKB
ERASE
FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 79, Transportation Date l.u.: 29 July 1984
Function: Data Entry Processing Phase: 2
Program: ECEP050, Coverage Termination
CICS Trans ID: E050
Author: DSMC/MJO

Description:

The Coverage Termination Program is used to terminate the individual covered by Law 79, Transportation. The program will edit all variable input screen data entered from Form No. 6 and provide the operator with highlighted fields and accompanying messages to facilitate error correction. Program status checks will maintain the program within the edit function until the operator indicates that the error-free termination screen is to be processed, or indicates that the current operation is to be cancelled.

Completed terminations will be written to the Coverage Transaction Data Base for subsequent audit and database update processing. The transaction identifier obtained from the control database will be displayed on the screen so that the identifier may be annotated on the termination form to allow later retrieval of the transaction.

INPUTS:

Files: Tables, Control Databases

Screens: Coverage Termination (ECES050)

Reports: None

Documents: Termination Form (Form 6)

Communications Area: CICS Communications Area

OUTPUTS:

Files: Control, Coverage Transaction Databases

Screens: Coverage Termination (ECES050)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

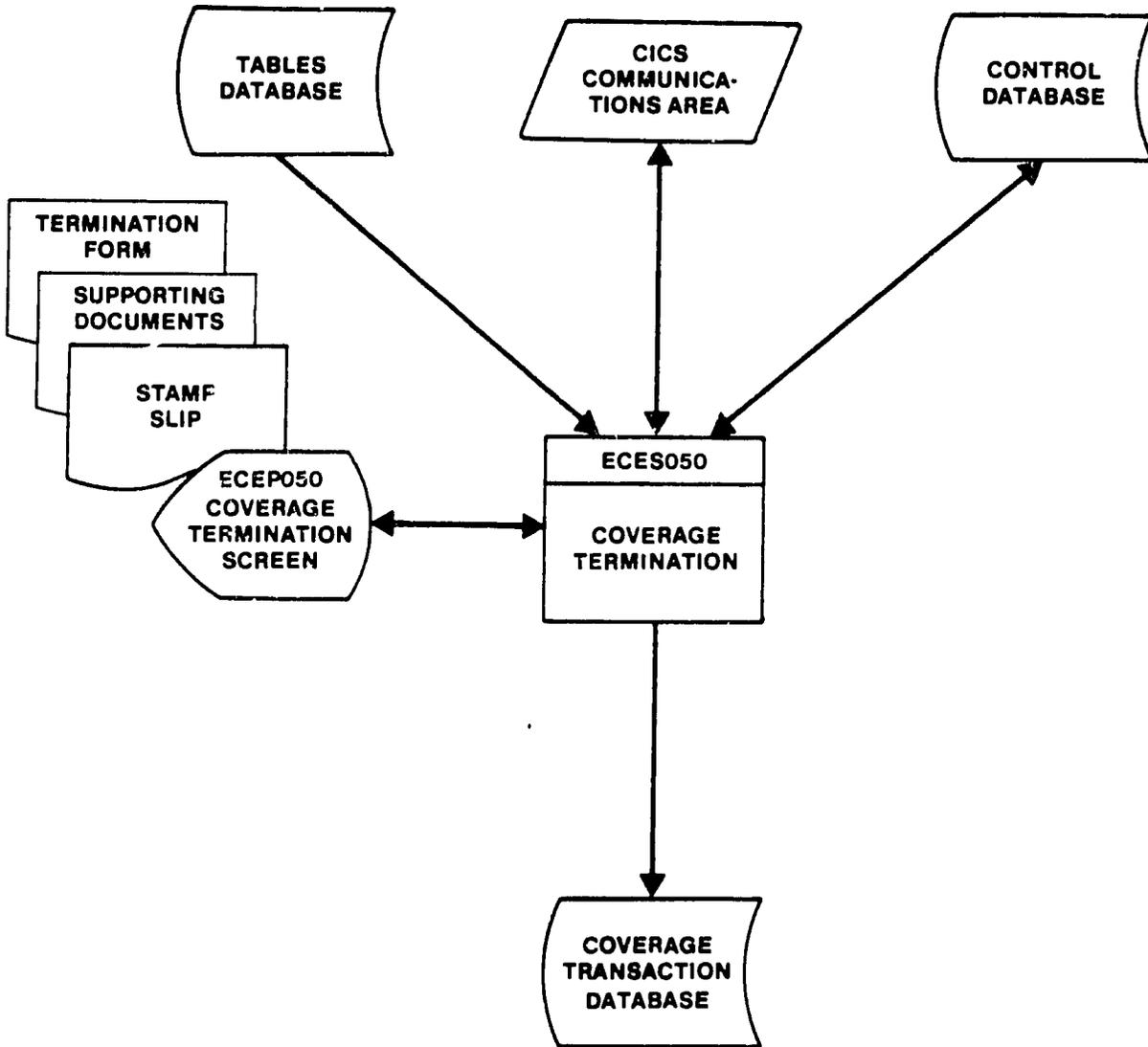
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

PROGRAM I/O DIAGRAM COVERAGE TERMINATION



PROCESSING LOGIC

0000-MAINLINE

IF COM-EDIT-SW = 0

MOVE MAP NAME (ECES050) TO COM-PANEL

MOVE MAP SET NAME (ECEM50) TO COM-PANEL-SET

MOVE PROGRAM TRANSACTION ID (E050) TO COM-TRAN-ID

GET CONTROL DATA BASE TRANSACTION NUMBER

ADD 1 TO TRANSACTION NUMBER

MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANS-NUMBER,
SCREEN-TRANS-NUMBER

REPLACE TRANSACTION NUMBER IN CONTROL DATABASE

PERFORM 0100-SEND-INITIAL-MAPS

PERFORM 3000-PREPROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 1

PERFORM 1000-EDIT-DATA-ENTERED

ENDIF

IF COM-EDIT-SW = 2

PERFORM 4000-PROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 3

MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID

PERFORM 4100-XCTL

ENDIF

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

1000-EDIT-DATA-ENTERED SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

END-EXEC

IF TERMINATION-DATE LENGTH GREATER THAN ZERO

IF TERMINATION-DATE NOT GREATER THAN CURRENT-DATE

MOVE TERMINATION-DATE TO COM-CT-TERMINATION-DATE

ELSE

MOVE CURSOR TO TERMINATION-DATE LENGTH

SET TERMINATION-DATE ATTRIBUTE

PERFORM 9000-ESET

ENDIF

ELSE

MOVE CURSOR TO TERMINATION-DATE LENGTH

SET TERMINATION-DATE ATTRIBUTE

MOVE "TERMINATION DATE IS A MANDATORY DATA ITEM"

TO MSG-LINE2

PERFORM 9000-FSET

ENDIF

IF TERM-FORM-DATE LENGTH GREATER THAN ZERO

IF TERM-FORM-DATE NOT GREATER THAN CURRENT-DATE

MOVE TERM-FORM-DATE TO COM-CT-TERM-FORM-DATE

ELSE

MOVE CURSOR TO TERM-FORM-DATE LENGTH

SET TERM-FORM-DATE ATTRIBUTE

PERFORM 9000-FSET

ENDIF

```

ELSE

    MOVE CURSOR TO TERM-FORM-DATE LENGTH
    SET TERM-FORM-DATE ATTRIBUTE
    MOVE "TERMINATION FORM DATE IS A MANDATORY FIELD"
        TO MSG-LINE2
    PERFORM 9000-FSET

ENDIF

IF TERMINATION-REASON LENGTH GREATER THAN ZERO
    PERFORM 4000-TERM-RSN-CHECK
    IF TERMINATION-REASON VALID
        MOVE TERMINATION-REASON TO COM-CT-TERMINATION-REASON
    ELSE
        MOVE CURSOR TO TERMINATION-REASON LENGTH
        SET TERMINATION-REASON ATTRIBUTE BYTE
        PERFORM 9000-FSET
    ENDIF
ELSE
    MOVE CURSOR TO TERMINATION-REASON LENGTH
    SET TERMINATION-REASON ATTRIBUTE BYTE
    MOVE `TERMINATION REASON IS MANDATORY ITEM' TO MSG-
        LINE2
    PERFORM 9000-FSET
    ENDIF
ENDIF
ENDIF

```

1100-VERIFY-COVERAGE SECTION

```
IF TERMINATION-DATE LESS THAN SEGMENT COVERAGE-START-DATE
    MOVE CURSOR TO TERMINATION-DATE LENGTH
    SET TERMINATION-DATE ATTRIBUTE
    MOVE 'TERMINATION DATE PRIOR TO COVERAGE START DATE' TO
        MSG-LINE2
    PERFORM 9000-FSET
ENDIF

IF PERIOD-END-DATE NOT EQUAL TO ZERO
    MOVE CURSOR TO TERMINATION-DATE LENGTH
    SET TERMINATION-DATE ATTRIBUTE BYTE
    MOVE 'CURRENT PERIOD ALREADY TERMINATED' TO MSG-LINE2
    PERFORM 9000-FSET
ENDIF

IF PF KEY RESPONSE EQUAL TO ACCEPT
    MOVE 2 TO COM-EDIT-SW
ENDIF

IF PF KEY RESPONSE EQUAL TO CANCEL
    MOVE 2 TO COM-EDIT-SW
ENDIF
```

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'T' TO COM-CV-TRANSACTION-TYPE
MOVE '11' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE 1
SET PF KEYS TO "ACCEPT"
 "CANCEL"
 MENU FUNCTIONS
MOVE 'E050' TO COM-TRAN-ID
MOVE 'ECEP050' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

```
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE '15' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
ENDIF
IF PF KEY DENOTES CANCEL
    MOVE '11' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION-DATABASE
ENDIF
MOVE 3 TO COM-EDIT-SW
```

4100-XCTL SECTION

```
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W
    LENGTH (COM-LENGTH)
END-EXEC
```

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-w)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION FORM

Page of

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 79, Transportation Date l.u.: 21 Aug 1984
Function: Auditor Processing Phase: 2
Program: ECEP100, Auditor Processing Driver
CICS Trans ID: E100
Author: DSMC

Description:

The Auditor Processing Driver Program will display an initial screen to the auditor requesting the identifier of the transaction to be audited. The program will then edit the transaction identifier, retrieve the transaction record from the Coverage Transaction Data Base, insure the transaction is in a valid audit status, determine the appropriate audit processing program and transfer control to the processing program.

Upon return from the processing program, this program will display audit results, and provide the auditor with PF key selections for further audits or return to higher level drivers.

INPUT:

Screen: Coverage Audit Transaction Selection Screen

Files: Coverage Transaction Data Base

OUTPUT:

Screen: Coverage Audit Transaction Selection Screen

Note: The Coverage Transaction segment is transferred to the audit processing modules via the COMMAREA

INTERFACE:

Invoked by: EC0P050 Coverage System Driver

Transfers to: EC0P050 Coverage System Driver
ECEP110 Audit Coverage Application
ECEP120 Audit Coverage Change
ECEP130 Audit Coverage Termination
ECEP140 Audit Purchase Periods

INSERT I/O DIAGRAM

4.1 PROCESS CONTROL

EXEC CICS RECEIVE

MAP (COM-PANEL)

MAPSET (COM-PANEL-SET)

END-EXEC

IF COM-PROGRAM-STATE EQUAL TO ZERO

PERFORM 0100-INITIATE-AUDIT

ENDIF

IF COM-PROGRAM-STATE EQUAL 1

IF PF KEY INDICATES CANCEL

MOVE 'AUDIT CANCELLED' TO MSG-LINE2

PERFORM 3000-RESEND-SCREEN

ELSE

PERFORM 1000-EDIT-INPUT

SET COM-PROGRAM-STATE TO 2

PERFORM 1200-DETERMINE-PROCESS-PGM

ENDIF

ENDIF

IF COM-PROGRAM-STATE EQUAL TO 2

SET COM-PROGRAM-STATE TO ZERO

MOVE COMPLETION MESSAGE TO MSG-LINE2

PERFORM 3000-RESEND-SCREEN

ENDIF

0100-INITIATE-AUDIT SECTION

SET COM-PROGRAM-STATE TO 1

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9000-BASIC-RETURN

1000-EDIT-INPUT SECTION

IF TRANSACTION-ID LENGTH GREATER THAN ZERO

IF TRANSACTION-ID NUMERIC

PERFORM 1100-GET-TRANSACTION

ELSE

MOVE CURSOR TO TRANSACTION-ID LENGTH

SET TRANSACTION-ID ATTRUBUTE

MOVE 'TRANSACTION-ID INVALID' TO MSG-LINE2

PERFORM 3000-RESEND-SCREEN

ENDIF

ELSE

MOVE CURSOR TO TRANSACTION-ID LENGTH

SET TRANSACTION-ID ATTRIBUTE BYTE

MOVE `TRANSACTION-ID IS MANDATORY ITEM' TO MSG-LINE2

PERFORM 3000-RESEND-SCREEN

ENDIF

ENDIF

1100-GET-TRANSACTION SECTION

GET TRANSACTION SEGMENT

IF SEGMENT NOT FOUND

```

        MOVE CURSOR TO TRANSACTION-ID LENGTH
        SET TRANSACTION-ID ATTRIBUTE
        MOVE 'TRANSACTION SEGMENT NOT FOUND' TO MSG-LINE2
        PERFORM 3000-RESEND-SCREEN
    ELSE
        MOVE TRANSACTION SEGMENT TO COMMAREA
    ENDIF
1200-DETERMINE-PROCESS-PGM SECTION
    IF TRANSACTION-TYPE EQUALS 'A' (NEW APPLICATION)
        MOVE 'ECEP110' TO COM-DESTIN-PROG
    ELSE
    IF TRANSACTION-TYPE EQUALS 'C' (COVERAGE CHANGE)
        MOVE 'ECEP120' TO COM-DESTIN-PROG
    ELSE
    IF TRANSACTION-TYPE EQUALS 'I' (STAMP ISSUANCE)
        MOVE 'ECEP130' TO COM-DESTIN-PGM
    ELSE
    IF TRANSACTION-TYPE EQUALS 'R' (STAMP RECEIPT)
        MOVE 'ECEP140' TO COM-DESTIN-PGM
    ELSE
    IF TRANSACTION-TYPE EQUALS 'T' (COVERAGE TERMINATION)
        MOVE 'ECEP150' TO COM-DESTIN-PGM
    ENDIF
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W)
    LENGTH (COM-LENGTH)

```

END-EXEC

3000-RESEND-SCREEN SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 9000-BASIC RETURN

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 31 July 1984
Function: Auditor Processing Date l.u.: 12 September 1984
Program: ECEP110 - Audit Phase: 2
Original Application
CICS Trans ID: E110

Description:

The purpose of the Audit Original Application program is to provide for the auditing of the Coverage Application Form (Form 1) data entered by the Data Entry Clerk. A record will be created on the Coverage Transaction Database that reflects the status of the applicant's data. A record will also be created on the Coverage Database for the applicant.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data fields that may be modified by the Auditor on the screen are:

1. Occupation Code
2. Occupation Start Date
3. License Code
4. Place of Issuance Code
5. License Number
6. Expiration Date

C. This data will then be edited to insure that it is valid. All fields are mandatory. The Occupation Code must be present on the Occupation Code Table Database and be a valid code for a worker under Law 79. The screen will be re-displayed with the occupation description obtained from the Occupation Code Table database. The date fields must be valid dates. The applicant's age is edited to determine that he is not younger than 18 or older than 60.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects that the record has been added to the coverage database.

E. If the Auditor upon reviewing the screen and the supporting documents determines that the application requires to be investigated, he will assign it to an inspector. If the transaction is approved, a record is created for the individual on the Coverage Database.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

21 - Record in Audit

23 - Record Ready for Inspection

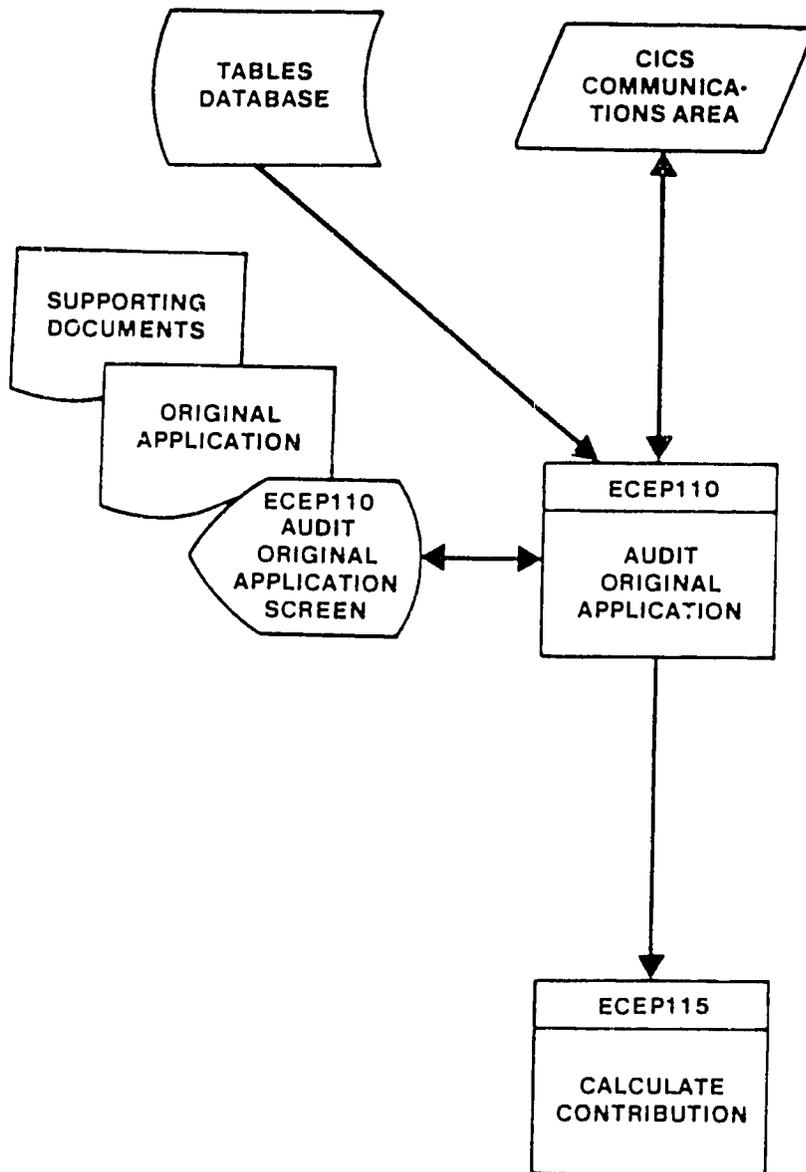
25 - Record Added to Coverage Database

The type of record (Audit Original Application Record) will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program), the Tables Database, and the data entered into the Audit Original Application Screen (ECES110). The outputs from this program are a record on the Coverage Transaction Database that reflects the status of the applicant's data, the newly created record as the Coverage Database, and the Communications area.

**PROGRAM I/O DIAGRAM
AUDIT ORIGINAL APPLICATION**



INPUTS:

Files: Tables Database

Screens: Audit Original Application (ECES110)

Reports: None

Documents: Supporting Documents, Coverage Application Form
(Form 1)

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage TRansaction, Coverage Databases

Screens: Audit Original Application (ECES110)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

PROCESSING LOGIC

0000-MAINLINE

```
IF COM-EDIT-SW = 0
    MOVE MAP NAME (ECES110) TO COM-PANEL
    MOVE MAP SET NAME (ECES110) TO COM-PANEL-SET
    MOVE PROGRAM TRANSACTION ID (E110) TO COM-TRAN-ID
    PERFORM 0100-SEND-INITIAL-MAPS
    PERFORM 3000-PREPROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 1
    PERFORM 1000-EDIT-DATA-ENTERED
ENDIF
IF COM-EDIT-SW = 2
    PERFORM 2000-APPLICATION-AGE-CHECK
ENDIF
IF COM-EDIT-SW = 3
    PERFORM 4000-PROCESS-TRANSACTION
ENDIF
IF COM-EDIT-SW = 4
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    PERFORM 4100-XCTL
ENDIF
```

0100-SEND-INITIAL-MAP SECTION

```
MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING SCREEN
OUTPUT
EXEC CICS SEND
    MAPSET (COM-PANEL-SET)
```

MAP (COM-PANEL)

FREKKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

1000-EDIT-DATA-ENTERED SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL-SET)

END-EXEC

IF EXPIRATION-DATE LENGTH GREATER THAN ZERO

CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)

MOVE INTERNAL-DATE TO COM-APPL-DATE

MOVE "Y" TO COM-EDIT-2

ELSE

MOVE CURSOR TO EXPIRATION-DATE LENGTH

SET EXPIRATION-DATE ATTRIBUTE

MOVE 'EXPIRATION DATE MANDATORY ITEM' TO MSG-LINE

PERFORM 9000-FSET

ENDIF

```

IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
    IF OCCUPATION-CODE IS NUMERIC
        PERFORM 1100-FUNCTIONAL-ELIGIBILITY-CHECK
        MOVE OCCUPATION DESCRIPTION TO OCC-DISPLAY FIELD
        MOVE OCCUPATION-CODE TO COM-OCCUPATION-CODE
        MOVE "Y" TO COM-EDIT-3
    ELSE
        MOVE CURSOR TO OCCUPATION-CODE
        SET OCCUPATION-CODE ATTRIBUTE
        PERFORM 9000-FSET
    ELSE
        MOVE CURSOR TO OCCUPATION-CODE
        SET OCCUPATION-CODE ATTRIBUTE
        MOVE 'COVERAGE OCCUPATION CODE MANDATORY ITEM' TO
            MSG-LINE
        PERFORM 9000-FSET
    ENDIF
ENDIF

IF OCCUPATION-START-DATE LENGTH GREATER THAN ZERO
    CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)
    MOVE INTERNAL-DATE TO COM-OCC-START-DATE
    MOVE "Y" TO COM-EDIT-4
ELSE
    MOVE CURSOR TO OCC-START-DATE LENGTH
    SET OCC-START-DATE ATTRIBUTE
    MOVE `COVERAGE OCCUPATION DATE MANDATORY ITEM' TO
        MSG-LINE
    PERFORM 9000-FSET

```

ENDIF

IF WS-EDIT-FLAGS-PASSED EQUAL TO "YYYY"

MOVE 2 TO COM-EDIT-SW

ENDIF

IF PF KEY RESPON. EQUAL TO CANCEL OR INSERT

MOVE 3 TO COM-EDIT-SW

ENDIF

1100-FUNCTIONAL-ELIGIBILITY-CHECK SECTION

MOVE OCCUPATION-CODE TO RECORD-KEY

GET TABLES DATABASE

IF FOUND

MOVE OCCUPATION TYPE TO OCCUPATION DESCRIPTION

ELSE

FAIL EDIT

ENDIF

2000-APPLICATION-AGE-CHECK SECTION

```
    COMPUTE WS-18TH-BIRTHDATE = COM-DATE-OF-BIRTH + 18
    COMPUTE WS-60TH-BIRTHDATE = COM-DATE-OF-BIRTH + 60
    CALL DATE-CONVERSION SUBROUTINE
    MOVE INTERNAL-DATE TO COM-RETIRE-DATE
    COMPUTE WS-APPLICATION-AGE =
        APPLICATION-DATE - COM-BIRTH-DATE
    IF WS-APPLICATION-AGE LESS THAN WS-18TH-BIRTHDATE
        MOVE 'NOT ELIGIBLE - LESS THAN 18 YEARS OLD' TO MSG-LINE
        MOVE "N" TO WS-AGE-18
        PERFORM 9000-FSET
    ENDIF
    IF WS-APPLICATION-AGE GREATER THAN OR EQUAL WS-60TH-BIRTHDATE
        MOVE `NOT ELIGIBLE - APPLICANT OLDER THAN AGE LIMIT'
            TO MSG-LINE
        MOVE "N" TO WS-AGE-60
        PERFORM 9000-FSET
    ENDIF
    IF WS-AGE-18-OR WS-AGE-60 = "N"
        MOVE 3 TO COM-EDIT-SW
        MOVE CANCEL TO PF KEY RESPONSE
    ELSE
        MOVE 3 TO COM-EDIT-SW
    ENDIF
```

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'O' TO COM-CV-TRANSACTION-TYPE
MOVE '21' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE 1

SET PF KEYS TO "ACCEPT"
"REFRESH"
"CANCEL"
"INSPECT"

MENU FUNCTIONS

MOVE 'E110' TO COM-TRAN-ID
MOVE 'ECEP110' TO COM-DESTIN~PROG
COM-ORIGIN-PROG

PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
MAPSET (COM-PANEL-SET)
MAP (COM-PANEL)
FREEKB
CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

```
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE '25' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE DATABASE
```

ENDIF

```
IF PF KEY DENOTES CANCEL
    MOVE '21' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
```

ENDIF

```
IF PF KEY DENOTES INSPECTION
    MOVE '23' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
```

ENDIF

```
MOVE 4 TO COM-EDIT=SW
```

4100-XCTL SECTION

```
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W)
    LENGTH (COM-LENGTH)
```

END-EXEC

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREKKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date: f.c.: 31 July 1984
Function: Auditor Processing Date: l.u.: 12 September 1984
Program: ECEP120 - Audit Modification Phase : 2
CICS Trans ID: E120

Description:

The purpose of the Audit Modification program is to provide for the auditing of the Coverage Change From data entered by the Data Entry Clerk. A record will be created on the Coverage Transaction Database that reflects the status of the applicant's data. The individual's Coverage Database record will be modified to reflect the updated information.

The major functions of this program as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data fields that may be modified by the Auditor on the screen are:

1. Occupation Code
2. Change Date
3. Occupation Start Date
4. License Code
5. Place of Issuance Code
6. License Number
7. Expiration Date

C. This data will then be edited to insure that it is valid. All fields are mandatory. The Occupation Code must be present on the Occupation Code Table Database and be a valid code for a worker under Law 79. The screen will be re-displayed with the occupation description obtained from the Occupation Code Table database. The date fields must be valid dates. The applicant's age is edited to determine that he is not younger than 18 or older than 60.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects that the record has been modified on the Coverage Database.

E. If the Auditor upon reviewing the screen and the supporting documents determines that the application requires to be investigated, he will assign it to an inspector. If the auditor approves the transaction, the individual's record will be modified on the Coverage Database at this time.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

21 - Record in Audit

23 - Record Ready for Inspection

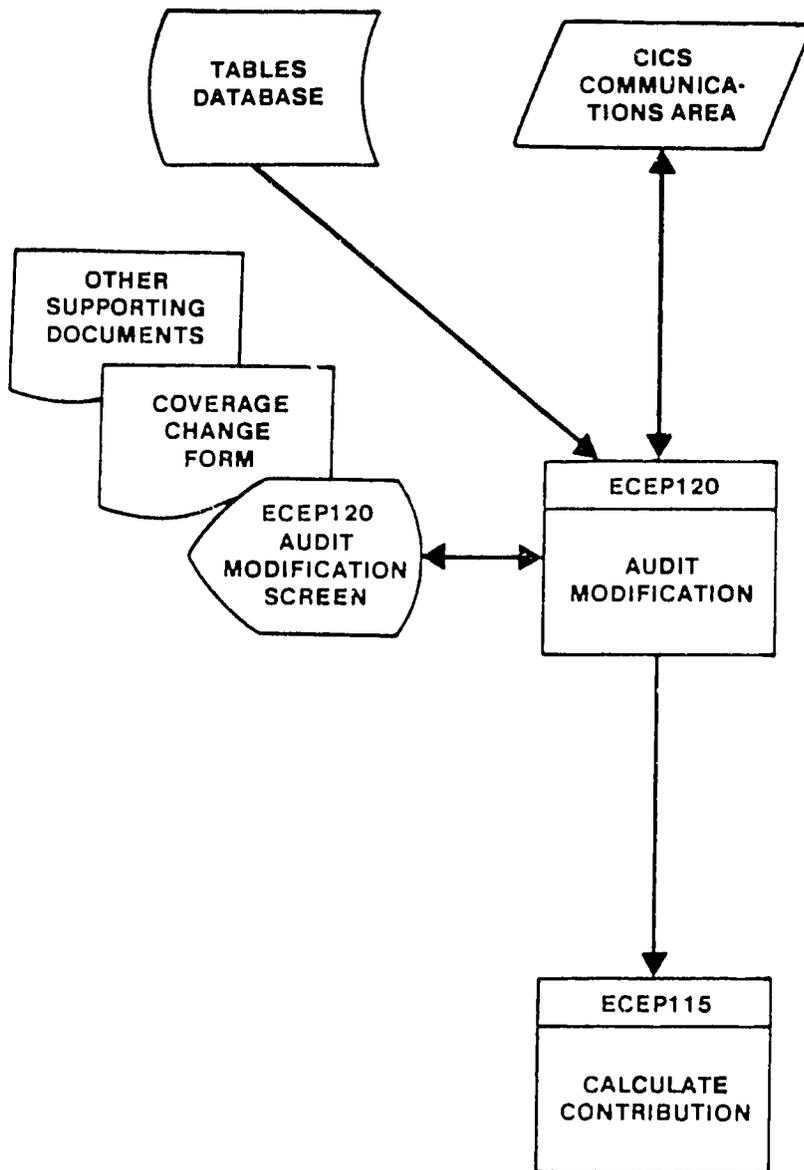
25 - Record has been modified on the Database

The type of record (Audit Modification Record) will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Driver Program), the Table Database, and the Data entered into the Audit Modification Screen (ECES120) by the auditor. The outputs from this program are a record on the Coverage Transaction Database that reflects the status of the applicant's data, the modified record on the Coverage Database, and the Communications Area.

PROGRAM I/O DIAGRAM AUDIT MODIFICATION



INPUTS:

Files: Tables Database

Screens: Audit Modification (ECEP120)

Documents: Coverage Change Data Form, Other Supporting Documents

Communications Area: CICS Communication Area

OUTPUTS:

Files: Coverage Transaction, Coverage Databases

Screens: Audit Modification (ECEP120)

Reports: None

Documents: None

Communication Areas: CICS Communication Areas

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

PROCESSING LOGIC

0000-MAINLINE

IF COM-EDIT-SW = 0

MOVE MAP NAME (ECES120) TO COM-PANEL

MOVE MAP SET NAME (ECEM120) TO COM-PANEL-SET

MOVE PROGRAM TRANSACTION ID (E120) TO COM-TRAN-ID

PERFORM 0100-SEND-INITIAL-MAPS

PERFORM 3000-PREPROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 1

PERFORM 1000-EDIT-DATA-ENTERED

ENDIF

IF COM-EDIT-SW = 2

PERFORM 4000-PROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 3

MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID

PERFORM 4100-XCTL

ENDIF

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN

1000-EDIT-DATA-ENTERED SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

END-EXEC

IF OCCUPATION-CODE LENGTH GREATER THAN ZERO

IF OCCUPATION-CODE IS NUMERIC

PERFORM 1100-FUNCTIONAL-ELIGIBILITY-CHECK

MOVE OCCUPATION DESCRIPTION TO OCC-DISPLAY FIELD

MOVE OCCUPATION-CODE TO COM-OCCUPATION-CODE

MOVE "Y" TO WS-EDIT-1

ELSE

MOVE CURSOR TO OCCUPATION-CODE

SET OCCUPATION-CODE ATTRIBUTE

PERFORM 9000-FSET

ELSE

MOVE CURSOR TO OCCUPATION-CODE

SET OCCUPATION-CODE ATTRIBUTE

MOVE 'COVERAGE OCCUPATION CODE MANDATORY ITEM' TO MSG-LINE

PERFORM 9000-FSET

ENDIF

IF OCCUPATION-START-DATE LENGTH GREATER THAN ZERO

CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)

MOVE INTERNAL-DATE TO COM-OCC-START-DATE

MOVE "Y" TO WS-EDIT-2

ELSE

MOVE CURSOR TO OCC-START-DATE LENGTH

SET OCC-START-DATE ATTRIBUTE

```

        MOVE 'COVERAGE OCCUPATION DATE MANDATORY ITEM' TO MSG-LINE
        PERFORM 9000-FSET
    ENDIF
    IF EXPIRATION-DATE LENGTH GREATER THAN ZERO
        CALL DATE-CONVERSION SUBROUTINE (DATE ROUTINE PROGRAM)
        MOVE INTERNAL-DATE TO COM-APPL-DATE
        MOVE "Y" TO WS-EDIT-EDIT-3
    ELSE
        MOVE CURSOR TO EXPIRATION-DATE LENGTH
        SET EXPIRATION-DATE ATTRIBUTE
        MOVE 'EXPIRATION DATE MANDATORY ITEM' TO MSG-LINE
        PERFORM 9000-FSET
    ENDIF
    IF WS-EDIT-FLAGS-PASSED EQUAL TO "YYY"
        MOVE 2 TO COM-EDIT-SW
    ENDIF
    IF PF KEY RESPONSE EQUAL TO CANCEL OR INSPECT
        MOVE 3 TO COM-EDIT-SW
    ENDIF

```

1100-FUNCTIONAL-ELIGIBILITY-CHECK SECTION

MOVE OCCUPATION-CODE TO RECORD-KEY

GET TABLES DATABASE

IF FOUND

MOVE OCCUPATION TYPE TO OCCUPATION DESCRIPTION

ELSE

FAIL EDIT

ENDIF

3000-PREPROCESS TRANSACTION SECTION

MOVE 'M' TO COM-CV-TRANSACTION-TYPE
MOVE '21' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE 1
SET PF KEYS TO "ACCEPT"
 "REFRESH"
 "CANCEL"
 "INSPECT"
 MENU FUNCTIONS
MOVE 'E130' TO COM-TRAN-ID
MOVE 'ECEP130' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 31 July 1984
Function: Data Entry Processing Date l.u.: 12 September 1984
Program: ECEP040 - Stamp Slip Receipt (Contribution Collection) Phase: 2

CICS Trans ID: E040

Description:

The purpose of the Stamp Slip Receipt (Contribution Collection) program is to provide for the data entry of the information obtained upon the receipt of the covered individuals' Stamp Slip. A record will be created on the Coverage Transaction Database once the data passes through the edit checks.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data entered on the screen will be read into the program. This data is:

1. Number of stamps (months)
2. Value of the returned stamps
3. The status of the returned stamp slip.

C. This data will then be edited to insure that it is valid. All three fields are mandatory. The number of stamps (months) must be equal to 24 unless the contributor has reached the retirement age of 60, is deceased, or has transferred to another law in which cases the value may be less than 24. All other cases are invalid. The value of the returned stamps must be numeric. The status of the returned slip can be 1-for normal return, 2-for return in preparation for transferring to another law, 3-for an individual having reached the mandatory retirement age, or 4-the individual is deceased. All other cases are invalid.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects that the record is ready for audit.

E. A control Number is obtained from the Control Database which becomes the Transaction Number for this record. The Control Number is incremented by one and replaced in the Control Database.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

11 - Record in Data Entry

15 - Record Ready for Audit

The type of record (Stamp Slip Receipt Record) will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program), the Tables Database, the Control Database, and the data entered into the Stamp Slip Receipt Screen (ECES040) from the applicant's returned stamp slip. The output from this program is a record on the Coverage Transaction Database, the modified record on the Control Database, and the communications area.

4000-PROCESS-TRANSACTION SECTION

```
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE '25' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION DATABASE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE DATABASE
```

ENDIF

```
IF PF KEY DENOTES CANCEL
    MOVE '21' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION-DATABASE
```

ENDIF

```
IF PF KEY DENOTES INSPECTION
    MOVE '23' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-RECORD
        TO COVERAGE-TRANSACTION-DATABASE
```

ENDIF

```
MOVE 3 TC COM-EDIT-SW
```

4100-XCTL SECTION

```
EXEC CICS XCTL
    PROGRAM (COM-DESTIN-PROG)
    COMMAREA (DFHCOMMAREA-W
    LENGTH (COM-LENGTH)
```

END-EXEC

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN SECTION

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DFCOMMAREA-w)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 31 July 1984
Function: Auditor Processing Date l.u.: 29 August 1984
Program: ECEP130 _ Audit Stamp Slip Phase: 2
Slip Issuance/Reissuance

CICS Trans ID: J130

Description:

The purpose of the Audit Stamp Slip Issuance/Reissuance program is to provide for the auditing of the Stamp Slip Issuance/Reissuance data present on the Coverage Transaction Database. A record will be created on the Coverage Transaction Database that reflects the status of the applicant's data. The individual's Stamp Slip is then printed.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data will be sight verified by the Auditor and a message displayed, "Do you want to print a Stamp Slip?"

C. If the answer is yes, a record will be written to the Coverage Transaction Database that a stamp slip has been produced. The data for the stamp slip will be obtained from the Communications Area. The Com-Contribution-Month will be divided by 36 to obtain the number that will be printed on the stamp slip. The items to be included on the stamp slips are:

- Region
- Region Name
- Local Office
- Local Office Name
- Unit
- Unit Name
- Sin
- Name
- Date of Birth

- Occupation Description
- Stamp Slip Begin Date
- Stamp Slip End Date
- Stamp Slip Number
- Date Issued

The stamp slip is printed.

D. If the Auditor upon reviewing the screen and the supporting documents determines that the stamp slip requires to be investigated, he will assign it to an inspector.

E. The record is written to the Coverage Transaction Database which contains a status code reflecting the status of the data. These status codes are:

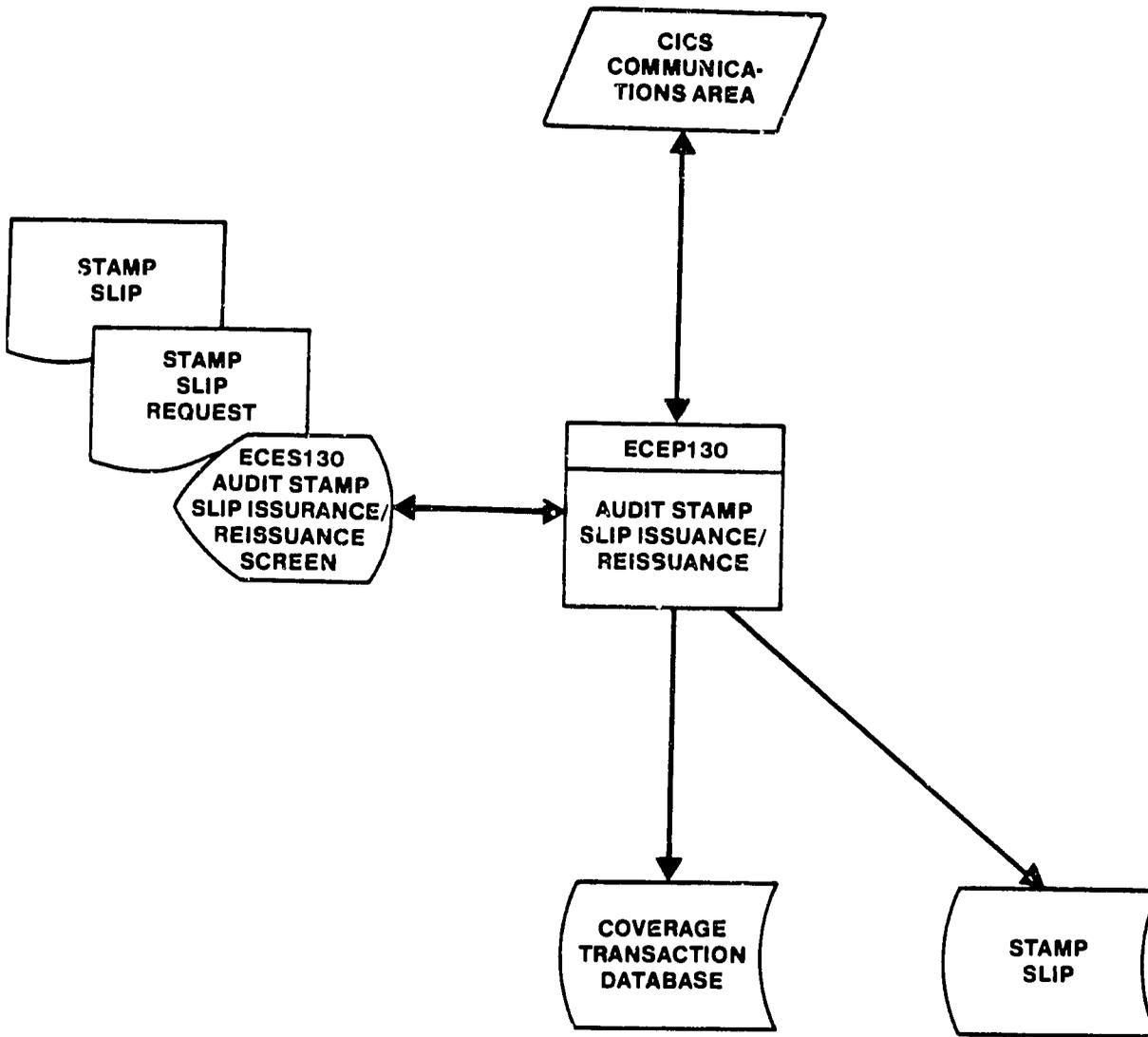
- 21 - Record in Audit
- 23 - Record Ready for Inspection
- 24 - Stamp Slip Printed

The type of record (Audit Stamp Slip Issuance/Reissuance Record) will be contained in the record along with the status code and the data.

F. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program) and the data entered into the Audit Stamp Slip Issuance/Reissuance Screen (ECES130). The outputs from this program are a record on the Coverage Transaction Database that reflects the status of the applicant's data, the individual's stamp slip and the communications area.

**PROGRAM I/O DIAGRAM
AUDIT STAMP SLIP ISSUANCE/REISSUANCE**



INPUTS:

Files: None

Screens: Audit Stamp Slip Issuance/Reissuance (ECEP130)

Reports: None

Documents: Stamp Slip Request From, Stamp Slip

Communications Area: CICS Communication Area

OUTPUTS:

Files: Coverage Transaction Database

Screens: Audit Stamp Slip Issuance/Reissuance (ECEP130)

Reports: None

Documents: Stamp Slip

Communication Area: CICS Communication Area

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

PROCESSING LOGIC

0000-MAINLINE

```
IF COM-EDIT-SW = 0
    MOVE MAP NAME (ECES130) TO COM-PANEL
    MOVE MAP SET NAME (ECEM130) TO COM-PANEL-SET
    MOVE PROGRAM TRANSACTION ID (E130) TO COM-TRAN-ID
    PERFORM 0100-SEND-INITIAL-MAPS
    PERFORM 3000-PREPROCESS-TRANSACTION
ENDIF

IF COM-EDIT-SW = 1
    PERFORM 1000-EDIT-DATA-ENTERED
ENDIF

IF COM-EDIT-SW = 2
    PERFORM 4000-PROCESS-TRANSACTION
ENDIF

IF COM-EDIT-SW =3
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    PERFORM 4100-XCTL
ENDIF
```

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING SCREEN
OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

1000-EDIT-DATA-ENTERED SECTION

IF STAMP-REQUEST-RESPONSE EQUAL YES

MOVE ACCEPT TO PF KEY RESPONSE

ENDIF

IF STAMP-REQUEST-RESPONSE EQUAL NO

MOVE CANCEL TO PF KEY RESPONSE

ENDIF

MOVE 3 TO COM-EDIT-SW

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'I' TO COM-CV-TRANSACTION-TYPE
MOVE '21' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE1
MOVE STAMP REQUEST MESSAGE TO MSG-LINE2
SET PF KEYS TO "ACCEPT"
 "REFRESH"
 "CANCEL"
 "INSPECT"
 MENU FUNCTIONS
MOVE 'E130' TO COM-TRAN-ID
MOVE 'ECEP130' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES UPDATE COMPLETE

MOVE '25' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES CANCEL

MOVE '21' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES INSPECTION

MOVE '23' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

ENDIF

4100-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END EXEC

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN SECTION

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DEF COMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage	Author: DSMC
Subsystem: Law 79, Transportation	Date f.c.: 31 July 1984
Function: Auditor Processing	Date l.u.: 12 September 1984
Program: ECEPl40 - Audit Stamp Slip Receipt	Phase: 2

CICS Trans ID: E140

Description:

The purpose of the Audit Stamp Slip Receipt program is to provide for the auditing of the Stamp Slip Receipt data entered by the Data Entry Clerk. A record will be created on the Coverage Transaction Database that reflects the status of the applicant's data. The individual's Coverage Database record will be modified to reflect the updated information and a coverage segment will be added to the Coverage Database

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System Driver, a screen will be displayed with the individual's data from the communication area.

B. The data fields that may be modified by the auditor on the screen are:

1. Number of stamps (months)
2. Value of the returned stamps
3. The status of the returned Stamp Slip

C. This data will then be edited to insure that it is valid. All three fields are mandatory. The number of stamps (months) must be equal to 36 unless the contributor has reached the retirement age of 65, is deceased, or has transferred to another law in which cases the value may be less than 36. All other cases are invalid. The value of the stamps must be numeric.

The status codes of the returned Stamp Slip can be:

1. Normal Period
2. Transferring to another law

3. Retirement Age reached
4. Death of the individual.

D. If any fields are invalid, the appropriate error message is sent to the screen and the invalid field is highlighted. All fields must pass their specific edit criteria for a record to be written to the Coverage Transaction Database that reflects the record's status.

E. If the Auditor upon reviewing the screen and the Stamp Slip determines that the Stamp Slip Receipt requires to an investigation, he will assign it to an inspector. If the auditor approves the transaction, the individual's Coverage Database record will be modified to reflect the updated information and a coverage segment will be added to the Coverage Database.

F. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. These status codes are:

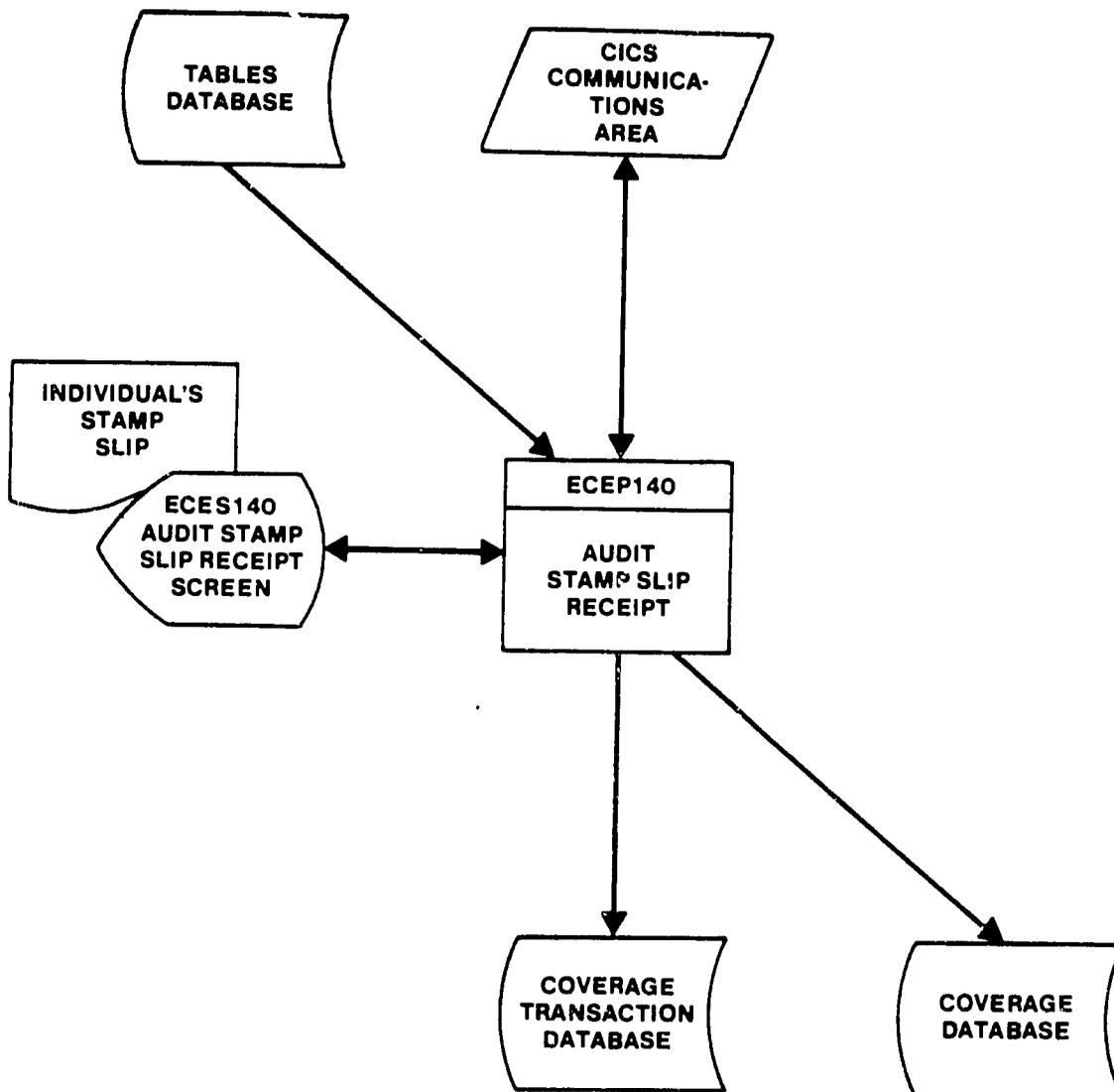
- 21 - Record in Data Entry
- 22 - Record Updated on Database
- 23 - Record Ready for Inspection

The type of record Audit Stamp Receipt Record will be contained in the record along with the status code and the data.

G. Control will then be returned to the Coverage Driver Program.

The inputs for this program will be the individual's data from the communications area (established from the database read in the Coverage Driver Program) and the data entered into the Audit Stamp Slip Receipt Screen (ECES140) by the auditor. The outputs from this program are a record on the Coverage Transaction Database that reflects the status of the applicant's data, the modified Coverage receipt record, the new coverage period segment and the communications area.

PROGRAM I/O DIAGRAM AUDIT STAMP SLIP RECEIPT



INPUTS:

Files: None

Screens: Audit Stamp Slip Receipt (ECES140)

Reports: None

Documents: Stamp Slip

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage, Coverage Transaction Databases

Screens: Audit Stamp Slip Receipt (ECES140)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Functions: None

PROCESSING LOGIC

0000-MAINLINE

IF COM-EDIT-SW = 0

MOVE MAP NAME (ECES130) TO COM-PANEL

MOVE MAP SET NAME (ECEM130) TO COM-PANEL-SET

MOVE PROGRAM TRANSACTION ID (E130) TO COM-TRAN-ID

PERFORM 0100-SEND-INITIAL-MAPS

PERFORM 3000-PREPROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW = 1

PERFORM 1000-EDIT-DATA-ENTERED

ENDIF

IF COM-EDIT-SW = 2

PERFORM 4000-PROCESS-TRANSACTION

ENDIF

IF COM-EDIT-SW =3

MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID

PERFORM 4100-XCTL

ENDIF

0100-SEND-INITIAL-MAP SECTION

MOVE DISPLAY DATA FIELDS FROM COM-AREA TO CORRESPONDING SCREEN

OUTPUT

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

1000-EDIT-DATA-ENTERED SECTION

IF STAMP-REQUEST-RESPONSE EQUAL YES

MOVE ACCEPT TO PF KEY RESPONSE

ENDIF

IF STAMP-REQUEST-RESPONSE EQUAL NO

MOVE CANCEL TO PF KEY RESPONSE

ENDIF

MOVE 3 TO COM-EDIT-SW

3000-PREPROCESS-TRANSACTION SECTION

MOVE 'I' TO COM-CV-TRANSACTION-TYPE
MOVE '21' TO COM-CV-STATUS-CODE
MOVE COM-OPER-SIN TO APPROVED-BY-ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTION MESSAGE PROMPT TO MSG-LINE1
MOVE STAMP REQUEST MESSAGE TO MSG-LINE2
SET PF KEYS TO "ACCEPT"
 "REFRESH"
 "CANCEL"
 "INSPECTION"
 MENU FUNCTIONS
MOVE 'E130' TO COM-TRAN-ID
MOVE 'ECEP130' TO COM-DESTIN-PROG
 COM-ORIGIN-PROG
PERFORM 3100-RESEND-MAP

3100-RESEND-MAP SECTION

EXEC CICS SEND
 MAPSET (COM-PANEL-SET)
 MAP (COM-PANEL)
 FREEKB
 CURSOR
END-EXEC
PERFORM 9100-BASIC-RETURN

4000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES UPDATE COMPLETE

MOVE '25' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES CANCEL

MOVE '21' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

MOVE 3 TO COM-EDIT-SW

ENDIF

IF PF KEY DENOTES INSPECTION

MOVE '23' TO COM-STATUS-CODE

INSERT COM-INDIVIDUAL-COVERAGE-RECORD

TO INDIVIDUAL-COVERAGE-TRANSACTION DATABASE

ENDIF

4100-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END EXEC

9000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET CURSOR

END-EXEC

PERFORM 9100-BASIC-RETURN SECTION

9100-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRANS-ID)

COMMAREA (DEFCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 79, Transportation Date l.u.: 29 July 1984
Function: Auditor Processing Phase: 2
Program: ECEP150, Audit Coverage Termination
CICS Trans ID: E150
Author: DSMC/MJO

Description:

The Audit Coverage Termination Program displays the termination transaction previously prepared in data entry. The auditor may then approve the transaction, reject it, place it in hold status, or assign it to investigation. The Coverage Termination Transaction is used to terminate the current contribution period and record the termination in the Coverage Data Base.

INPUTS:

Files: Tables Database

Screens: Coverage Termination (ECES150)

Reports: None

Documents: Termination Form (Form 6)

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage, Coverage Transaction Databases

Screens: Coverage Termination (ECES050)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

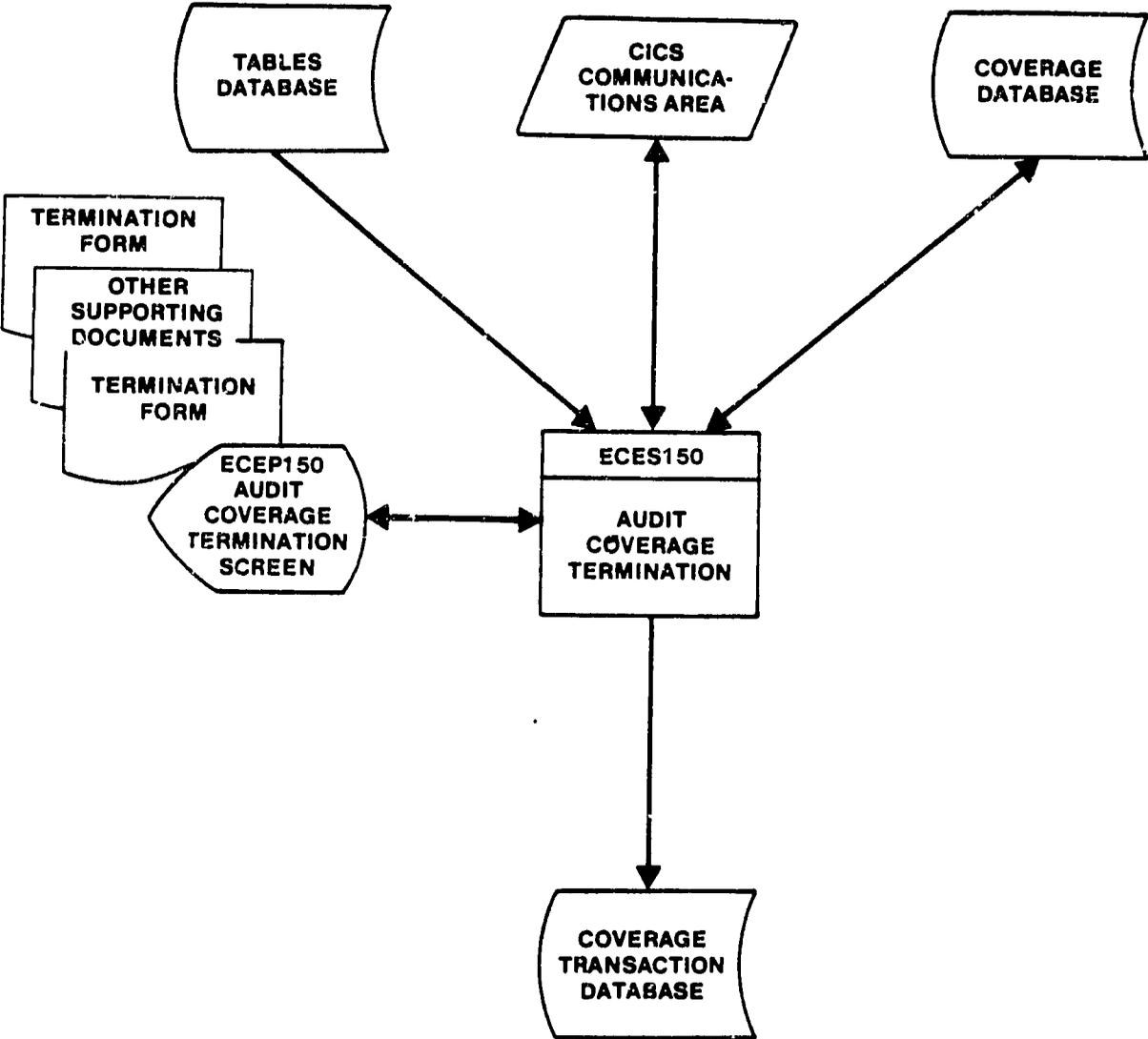
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
AUDIT COVERAGE TERMINATION**



PROCESSING_LOGIC

0000-MAIN

EXEC CICS RECEIVE

MAP (COM-PANEL)

MAPSET (COM-PANEL-SET)

END-EXEC

IF COM-PROGRAM-STATE EQUAL TO ZERO

PERFORM 0100-INITIATE-AUDIT

END*F

IF COM-PROGRAM-STATE EQUAL TO 1

IF PF KEY INDICATES APPROVAL

PERFORM 4000-APPROVED-TRANS

ELSE

IF PF KEY INDICATES REJECTION

PERFORM 5000-REJECTED-TRANS

ELSE

IF PF KEY INDICATES HOLD

PERFORM 6000-HOLD-TRANS

ELSE

IF PF KEY INDICATES INVESTIGATE

PERFORM 7000-INVEST-TRANS

ELSE

IF PF KEY INDICATES CANCEL

PERFORM 8000-CANCEL-AUDIT

ELSE

IF PF KEY INDICATES MODIFY

SET COM-PROGRAM-STATE TO 2

PERFORM 1000-EDIT-INPUT

```
        PERFORM 1100-VERIFY-COVERAGE
        PERFORM 3000-RESEND-SCREEN
    ELSE
        MOVE 'INVALID KEY SELECTION' TO MSG-LINE2
        PERFORM 3000-RESEND SCREEN
    ENDIF
ENDIF
IF COM-PROGRAM-STATE EQUAL TO 2
    IF PF KEY INDICATES CANCEL
        PERFORM 8000-CANCEL-AUDIT
    ELSE
        PERFORM 1000-EDIT-INPUT
        PERFORM 1100-VERIFY-COVERAGE
        SET COM-PROGRAM-STATE TO 1
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
ENDIF
```

Ø1ØØ-INITIATE-AUDIT SECTION

MOVE TRANSACTION RECORD DATA FIELDS TO MAP
IF TRANS-STATUS EQUAL HOLD OR INVESTIGATION

GET INDIVIDUAL RECORD

IF SOFT LOCK NOT SET ON

SET SOFT LOCK ON

REWRITE INDIVIDUAL RECORD

PERFORM 1ØØØ-EDIT-INPUT

PERFORM 11ØØ-VERIFY-COVERAGE

ELSE

MOVE 'INDIVIDUAL RECORD LOCKED BY ANOTHER TRANSACTION'
TO MSG-LINE2

SET COM-DESTINATION-PROGRAM TO COVERAGE DRIVER

PERFORM 3ØØØ-RESEND-SCREEN

ENDIF

SET COM-PROGRAM-STATE TO 1

PERFORM 3ØØØ-RESEND-SCREEN

1000-EDIT-INPUT SECTION

IF TERMINATION-DATE LENGTH GREATER THAN ZERO

IF TERMINATION-DATE NOT GREATER THAN CURRENT-DATE

MOVE TERMINATION-DATE TO COM-CT-TERMINATION-DATE

ELSE

MOVE CURSOR TO TERMINATION-DATE LENGTH

SET TERMINATION-DATE ATTRIBUTE

PERFORM 3000-RESEND-SCREEN

ENDIF

IF TERM-FORM-DATE LENGTH GREATER THAN ZERO

IF TERM-FORM-DATE NOT GREATER THAN CURRENT-DATE

MOVE TERM-FORM-DATE TO COM-CT-TERM-FORM-DATE

ELSE

MOVE CURSOR TO TERM-FORM-DATE LENGTH

SET TERM-FORM-DATE ATTRIBUTE

PERFORM 3000-RESEND-SCREEN

ENDIF

IF TERMINATION-REASON LENGTH GREATER THAN ZERO

PERFORM 4000-TERM-RSN-CHECK

IF TERMINATION-REASON VALID

MOVE TERMINATION-REASON TO COM-CT-TERMINATION-REASON

ELSE

MOVE CURSOR TO TERMINATION-REASON LENGTH

SET TERMINATION-REASON ATTRIBUTE BYTE

PERFORM 3000-RESEND-SCREEN

ENDIF

1100-VERIFY-COVERAGE SECTION

IF TERMINATION-DATE LESS THAN SEGMENT COVERAGE-START-DATE
MOVE CURSOR TO TERMINATION-DATE LENGTH
SET TERMINATION-DATE ATTRIBUTE
MOVE 'TERMINATION DATE PRIOR TO COVERAGE START DATE' TO
MSG-LINE2
PERFORM 3000-RESEND-SCREEN
ENDIF

IF PERIOD-END-DATE NOT EQUAL TO ZERO
MOVE CURSOR TO TERMINATION-DATE LENGTH
SET TERMINATION-DATE ATTRIBUTE BYTE
MOVE 'CURRENT PERIOD ALREADY TERMINATED' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN
ENDIF

3000-RESEND-SCREEN SECTION

EXEC CICS SEND
MAPSET (COM-PANEL-SET)
MAP (COM-PANEL)
FREEKB
CURSOR
END-EXEC
PERFORM 9000-BASIC RETURN

4000-TERM-RSN-CHECK SECTION

MOVE TERMINATION-REASON-PREFIX TO TABLE-KEY-PREFIX

MOVE TERMINATION-REASON TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

PASS EDIT

ELSE

FAIL EDIT

ENDIF

4000-APPROVED-TRANS SECTION

PERFORM 4200-WRITE-APPROVED TRANS

PERFORM 4300-UPDATE-COVERAGE-DB

4200-WRITE-APPROVED-TRANS SECTION

SET TRANSACTION STATUS-CODE TO APPROVED

MOVE DATE TO TRANSACTION

MOVE AUDITOR SIN TO TRANSACTION

MOVE SCREEN CONTENTS TO TRANSACTION DATA AREA

SUBTRACT 1 FROM COM-HOLD-TRANS-REC-NUM GIVING TRANSACTION

RECORD NUMBER

WRITE TRANSACTION TO COVERAGE-TRANSACTION-FILE

4300-UPDATE-COVERAGE-DB SECTION

PERFORM 4310-UPDATE-COV-DB

4310-UPDATE-COV-DB SECTION

GET COVERAGE ROOT SEGMENT, KEY IS SIN

IF RETURN CODE IS 'SEGMENT NOT FOUND'

MOVE 'COVERAGE SEGMENTS DO NOT EXIST' TO

```

MAP-MSG-LINE2
SET COM-DISTINATION-PGM TO COVERAGE DRIVER
PERFORM 3000-RESEND-SCREEN
ELSE
PERFORM 4310-TERMINATE-COVERAGE-SEGMENT
PERFORM 4320-ADD-NO-COVERAGE-SEGMENT
IF RETURN CODE IS ERROR CONDITION
MOVE 'ERROR ADDING COVERAGE SEGMENT' TO
MAP-MSG-LINE2
SET COM-DESTINATION-PGM TO COVERAGE DRIVER
PERFORM 3000-RESEND-SCREEN
ENDIF
ENDIF
4310-TERMINATE-COVERAGE-SEGMENT SECTION
GET COVERAGE ROOT SEGMENT, KEY IS SIN
IF RETURN CODE IS 'SEGMENT NOT FOUND'
MOVE 'COVERAGE PERIOD SEGMENT NOT FOUND' TO
MSG-LINE2
SET COM-DESTINATION-PGM TO COVERAGE DRIVER
PERFORM 3000-RESEND-SCREEN
ENDIF
CALCULATE COVERAGE PERIOD MONTHS
ADD MONTHS TO ROOT CUMULATIVE-MONTHS
MOVE TERMINATION-DATE TO COVERAGE PERIOD SEGMENT
MOVE TERMINATION-REASON-CODE TO COVERAGE PERIOD SEGMENT
CALL 'CBLTDLI' ....
TO REWRITE COVERAGE ROOT SEGMENT
CALL 'CBLTDLI' ....

```

TO REWRITE COVERAGE PERIOD SEGMENT

4320-ADD-NO-COVERAGE-SEGMENT SECTION

ADD 1, TERMINATION-DATE GIVING COVERAGE PERIOD SEGMENT

PERIOD-START-DATE

MOVE ZERO TO COVERAGE PERIOD SEGMENT PERIOD-END-DATE

LAW-SECTOR-CODE

TERMINATION-

REASON-CODE

SET COVERAGE PERIOD SEGMENT PERIOD-STATUS-FLAG

TO ZERO

CALL 'CBLTDLI'

TO ADD COVERAGE PERIOD SEGMENT

5000-REJECTED-TRANS SECTION

SET TRANS-STATUS-CODE TO REJECT

MOVE DATE TO TRANSACTION

SUBTRACT 1 FROM COM-HOLD-REC-NUM

MOVE COM-HOLD-REC-NUM TO TRANSACTION RECORD NUMBER

MOVE MAP DATA FIELDS TO TRANSACTION DATA AREA

SET COM-DESTINATION-PGM TO COVERAGE DRIVER

WRITE TRANSACTION TO COVERAGE-TRANSACTION-FILE

MOVE 'TRANSACTION REJECTED' TO MSG-LINE2

PERFORM 3000-RESEND-SCREEN

6000-HOLD-TRANS SECTION

SET TRANS-STATUS-CODE TO HOLD

MOVE DATE TO TRANSACTION

SUBTRACT 1 FROM COM-HOLD-REC-NUM

MOVE COM-HOLD-REC-NUM TO TRANSACTION RECORD NUMBER

MOVE MAP DATA FIELDS TO TRANSACTION DATA AREA
SET COM-DESTINATION-PGM TO COVERAGE DRIVER
WRITE TRANSACTION TO COVERAGE--TRANSACTION-FILE
MOVE 'TRANSACTION PLACED ON HOLD' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN

7000-INVEST-TRANS SECTION

SET TRANS-STATUS-CODE TO INVESTIGATION
MOVE DATE TO TRANSACTION
SUBTRACT 1 FROM COM-HOLD-REC-NUM
MOVE COM-HOLD-REC-NUM TO TRANSACTION RECORD NUMBER
MOVE MAP DATA FIELDS TO TRANSACTION DATA AREA
SET COM-DESTINATION-PGM TO COVERAGE DRIVER
WRITE TRANSACTION TO COVERAGE--TRANSACTION-FILE
MOVE 'TRANSACTION PLACED IN INVESTIGATION' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN

8000-CANCEL-AUDIT SECTION

SET COM-DESTINATION-PGM TO COVERAGE DRIVER
MOVE 'AUDIT CANCELLED' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN

9000-BASIC-RETURN SECTION

EXEC CICS RETURN
 TRANSID (COM-TRAN-ID)
 COMMAREA (DFHCOMMAREA-W)
 LENGTH (COM-LENGTH)
END-EXEC

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 31 July 1984
Subsystem: Law 79 - Transportation Date l.u.: 12 Sept. 1984
Function: Inspector Processing Phase: 2
Program: ECEP210 - Inspection Assignment
CICS Trans ID: E210
Author: DSMC

Description:

The Inspection Assignment program provides for the entry of inspection assignment data for a transaction that an auditor has flagged for inspection.

The Auditor will not be able to determine on first evaluation whether certain transactions need to be approved or deleted. For these transactions, the Auditor will press a program function key (PFK), in the appropriate audit program, that will change the status to "inspection required". The Auditor uses the Inspection Assignment program to record the inspector's SIN, the date the inspector is assigned and the reason code for the inspection. By recording this information on the transaction record, the system status reports will be able to reflect that the transaction is being processed.

Inspector SINS that are provided must correspond to authorized inspectors in the Authority System and be assigned to the same coverage location as the transaction.

Utilizing the data from the Communications Area, the program verifies that the user is authorized to process the transaction based on user authority. The user enters the inspection assignment data and presses the enter key. The program verifies that the inspector SIN entered is authorized to perform inspection at the coverage location. The screen is presented one more time for verification by the user. Upon verification, the transaction is updated on the Coverage Transaction Database.

INPUTS:

Files: Tables Database

Screens: Inspection Assignment (ECES210)

Reports: Daily Transaction Report

Documents: None

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage Transaction Database

Screens: Inspection Assignment (ECES210)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

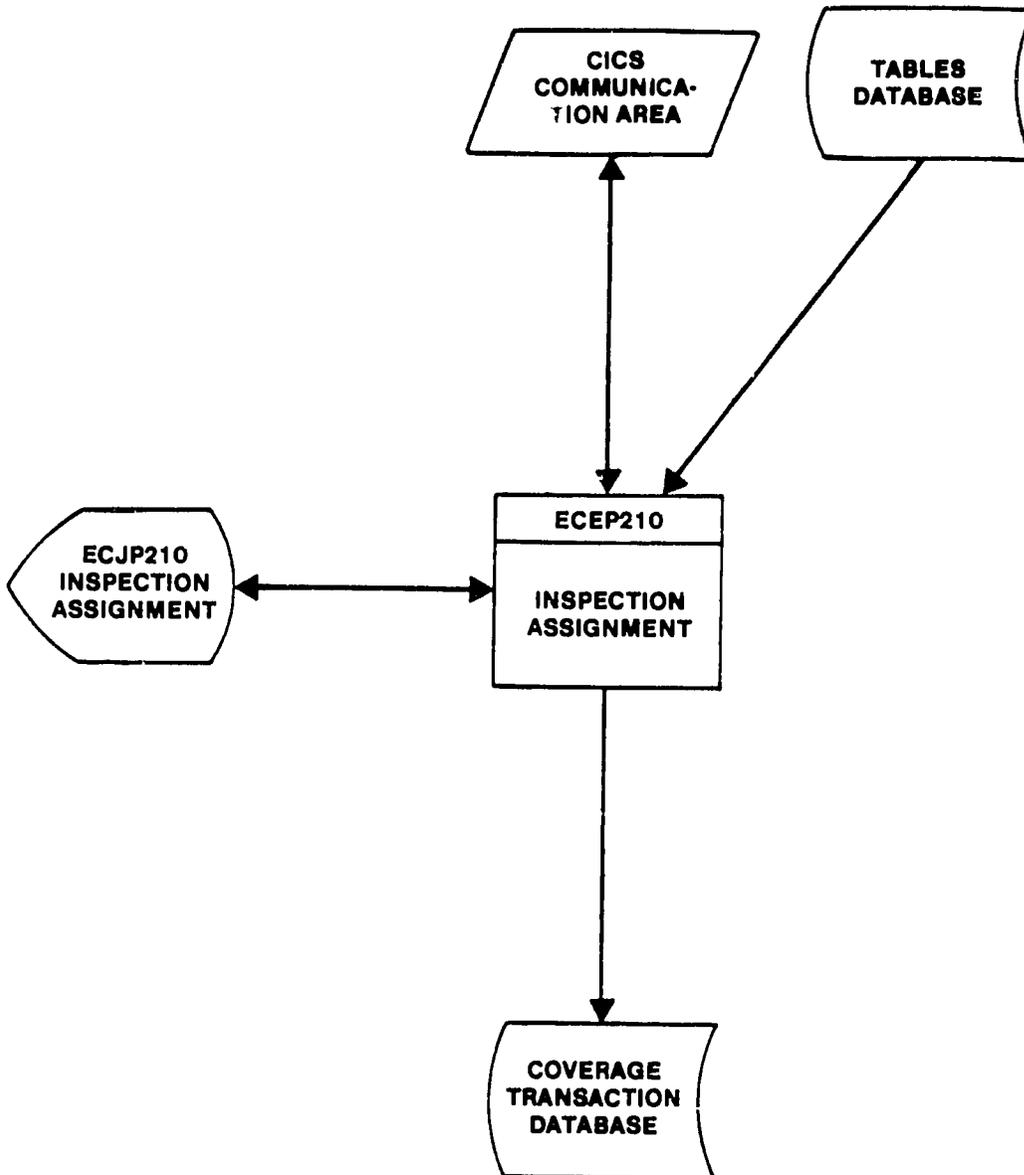
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
INSPECTION ASSIGNMENT**



PROCESSING LOGIC

0000-MAIN-PROCESS

```
    IF COM-PROGRAM-STATE = 0
        GO TO 1000-INITIALIZATION
    ENDIF

    IF COM-PROGRAM-STATE = 1
        GO TO 2000-PROCESS-ASSIGNMENT-DATA
    ENDIF

    IF COM-PROGRAM-STATE = 2
        GO TO 3000-PROCESS-VERIFY
    ENDIF

    SET MESSAGE-CODE TO 'PROGRAM STATE ERROR'
    PERFORM 9940-MESSAGE-PROCESSING
    PERFORM 0920-SEND-LINE
    SET COM-PROGRAM-STATE TO TERMINATE
    GO TO 9990-TERMINATE
```

0920-SEND-LINE

```
    EXEC CICS SEND
        FROM (MSG-LINE)
        LENGTH (79)
        ERASE
    END-EXEC
```

1000-INITIALIZATION

```
SET COM-PANEL TO MAP-NAME (ECES210)
SET COM-PANEL-SET TO MAP-SET-NAME (ECEM210)
SET COM-TRAN-ID TO PROGRAM-TRANSACTION-ID (E210)
SET COM-ACTIVE-PFKS TO NULL
IF COM-USERTYPE = AUDITOR OR INSPECTOR-SUPERVISOR
    NEXT-SENTENCE
ELSE
    SET MESSAGE-CODE TO 'INVALID ACCESS'
    GO TO 9920-SEND-AND-TERMINATE
ENDIF
SET COM-ACTIVE PFKS TO 'EXIT'
    'ENTER KEY'
    MENU FUNCTIONS
SET COM-PROGRAM-STATE TO 1
GO TO 9910-SEND-AND-RETURN
```

2000-PROCESS-ASSIGNMENT-DATA

PERFORM 2910-RECEIVE-SCREEN

IF PFK-ENTER-KEY

PERFORM 2100-EDIT-ASSIGNMENT

ENDIF

IF PFK-EXIT

SET MESSAGE-CODE TO 'PROGRAM TERMINATED'

GO TO 9920-SEND-AND-TERMINATE

ENDIF

GO TO 9910-SEND-AND-RETURN

2100-EDIT-ASSIGNMENT

```
CALL 'GETAUTH' USING MAP-ISIN
                                INSPECTOR-AUTH-DATA
                                (SYSTEM PROGRAM)
IF NOT FOUND
    SET MESSAGE-CODE TO 'SIN NOT
                                FOUND ON AUTHORIZATION DATABASE'
    GO TO 9910-SEND-AND-RETURN
ENDIF
IF INSPECTOR-AUTH-TYPE NOT = 'INSPECTOR'
    SET MESSAGE-CODE TO 'SIN NOT FOR AN INSPECTOR'
    GO TO 9910-SEND-AND RETURN
ENDIF
IF INSPECTOR-AUTH-COVERAGE-LOCATION
    NOT = TRANSACTION-COVERAGE-LOCATION
SET MESSAGE-CODE TO 'INSPECTOR'
    NOT ASSIGNED TO TRANSACTION LOCATION'
    GO TO 9910-SEND-AND-RETURN
ENDIF
FORMAT SSA2 FOR TABLES-RECORD-KEY
    INSPECTION-REASON-TABLE EQUAL TO
    MAP-INSPECTION-REASON
CALL `CBLTDLI' FOR GET UNIQUE
    TABLES-RECORD
    EQUAL TO SSA2
IF NOT FOUND
    SET MESSAGE-CODE TO 'INVALID INSPECTION REASON'
```

```
GO TO 9910-SEND-AND-RETURN
ENDIF
FORMAT SCREEN MAP FROM INSPECTION-REASON-DESCRIPTION
SET COM-ACTIVE-PFKS TO 'EXIT'
                        'PROCESS'
                        'REFRESH'
                        'CANCEL'
SET MESSAGE-CODE TO 'PRESS APPROPRIATE PF KEY'
SET COM-PROGRAM-STATE TO 2
```

2910-RECEIVE SCREEN

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

SET (COM-PANEL-POINTER)

END-EXEC

3000-PROCESS-VERIFY

PERFORM 3910-RECEIVE-SCREEN

IF PFK-VERIFY-UPDATE OR PFK-VERIFY-CANCEL

PERFORM 3100-POST-TRANSACTION

ENDIF

IF PFK-EXIT

SET MESSAGE-CODE TO 'PROGRAM TERMINATED'

GO TO 9920-SEND-AND-TERMINATE

ENDIF

GO TO 9910-SEND-AND-RETURN

3100-POST-TRANSACTION

SLT-COM-DATE-INSPECTOR-ASSIGNED TO

MAP-DATE-INSPECTOR-ASSIGNED

SET COM-INSPECTOR-ISIN TO

MAP-INSPECTOR-ISIN

SET-COM-INSPECTION-REASON-CODE TO

MAP-INSPECTION-REASON-CODE

IF PFK-VERIFY-UPDATE

SET COM-STATUS-CODE TO '31'

ENDIF

IF PFK-VERIFY-CANCEL

SET COM-STATUS-CODE TO '32'

ENDIF

INSERT COM-COVERAGE-RECORD :O

COVERAGE-TRANSACTION-DATABASE

3910-RECEIVE-SCREEN

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

SET (COM-PANEL-POINTER)

END-EXEC

9910-SEND-AND-RETURN

IF MESSAGE-CODE NOT EMPTY

PERFORM 9940-MESSAGE-PROCESSING

ENDIF

PERFORM 9950-SEND-SCREEN

GO TO 9999-RETURN

9920-SEND-AND-TERMINATE

IF MESSAGE-CODE NOT EMPTY

PERFORM 9940-MESSAGE-PROCESSING

ENDIF

PERFORM 9950-SEND-SCREEN

GO TO 9990-TERMINATE

9940-MESSAGE-PROCESSING

FORMAT MSG-LINE FROM MESSAGE-CODE

9950-SEND-SCREEN

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET

CURSOR

END-EXEC

9990-TERMINATE

SET COM-TRAN-ID TO 'COVERAGE DRIVER'

GO TO 9999-RETURN

9999-RETURN

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 31 July 1984
Subsystem: Law 79 - Transportation Date l.u.: 12 Sept. 1984
Function: Inspector Processing Phase: 2
Program: ECEP220 - Inspection Results
CICS Trans ID: E220
Author DSMC

Description:

The Inspection Results program provides for the entry of the results of an inspection for transactions that have been previously assigned for inspection.

Utilizing the data from the Communications Area, the program verifies that the user is authorized to process the transaction based on user authority. The user enters the Inspection Results Code and the Date Inspection Completed fields. The program verifies that the Inspection Results Code is on the Tables Database and presents a final screen for update verification. Upon verification, the transaction is updated in the Coverage Transaction Database.

INPUTS:

Files: Tables Database

Screens: Inspection Results (ECES220)

Reports: Daily Inspection Report

Documents: None

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage Transaction Database

Screens: Inspection Results (ECES220)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

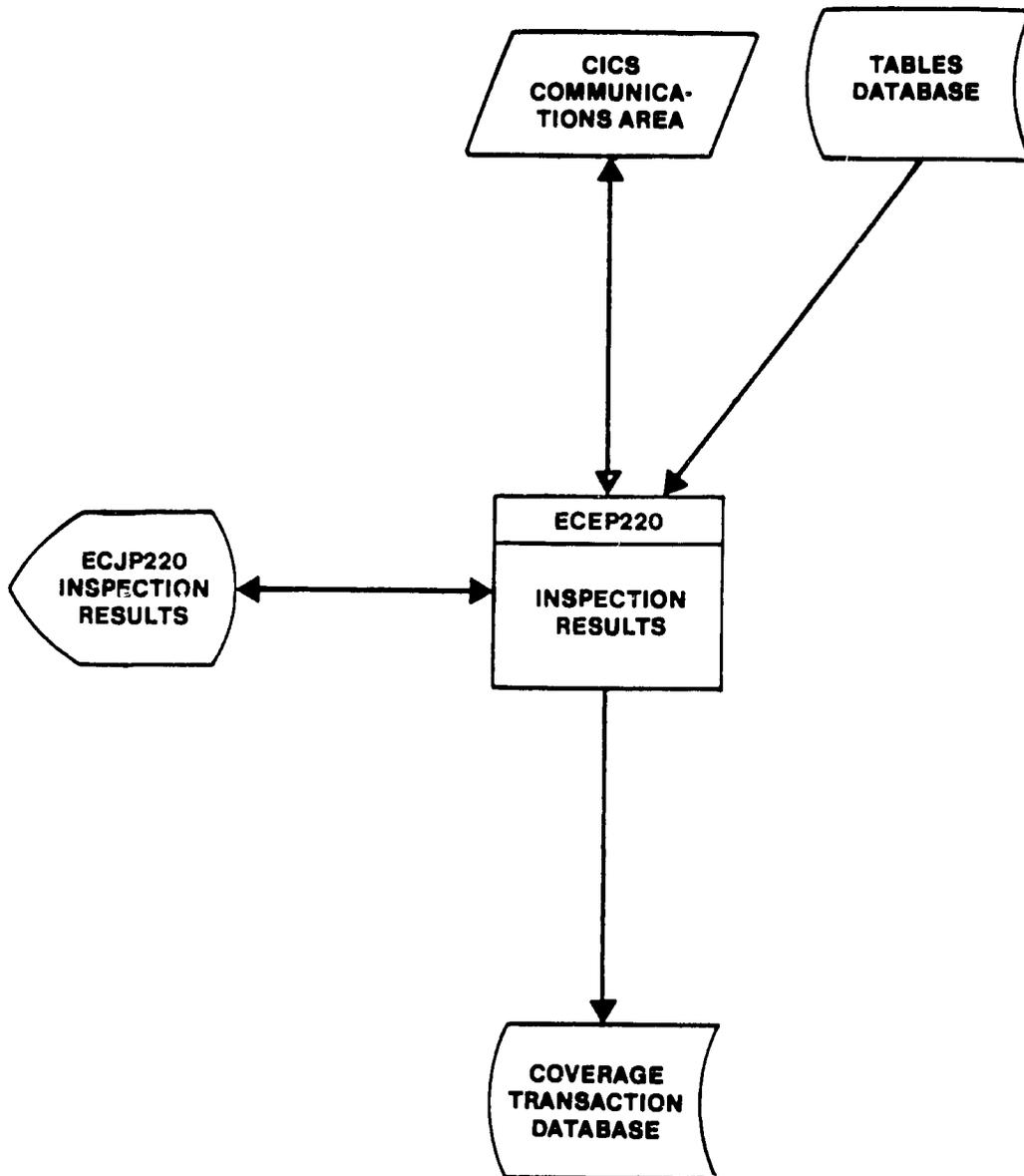
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

PROGRAM I/O DIAGRAM INSPECTION RESULTS



PROCESSING LOGIC

0000-MAIN-PROCESS

IF COM-PROGRAM-STATE = 0

GO TO 1000-INITIALIZATION

ENDIF

IF COM-PROGRAM-STATE = 1

GO TO 2000-PROCESS-RESULTS-DATA

ENDIF

IF COM-PROGRAM-STATE = 2

GO TO 3000-PROCESS-VERIFY

ENDIF

SET MESSAGE-CODE TO ' PROGRAM STATE ERROR'

PERFORM 9940-MESSAGE-PROCESSING

PERFORM 0920-SEND-LINE

SET COM-PROGRAM-STATE TO TERMINATE

GO TO 9990-TERMINATE

0920-SEND-LINE

EXEC CICS SEND

FROM (MSG-LINE)

LENGTH (79)

ERASE

END-EXEC

1000-INITIALIZATION

```
    SET COM-PANEL TO MAP-NAME (ECES220)
    SET COM-PANEL-SET TO MAP-SET-NAME (ECEM220)
    SET COM-TRAN-ID TO PROGRAM-TRANSACTION-ID (E220)
    SET COM-ACTIVF-PFKS TO NULL
    IF COM-USERTYPE = AUDITOR OR
        INSPECTOR - SUPERVISOR
        NEXT-SENTENCE
    ELSE
        SET MESSAGE-CODE TO 'INVALID ACCESS'
        GO TO 9920-SEND-AND-TERMINATE
    ENDIF
    SET COM-ACTIVE-PFKS TO 'EXIT'
        'REFRESH'
        'ENTER KEY'
    SET COM-PROGRAM-STATE TO 1
    GO TO 9910-SEND-AND-RETURN
```

2000-PROCESS-RESULTS-DATA

PERFORM 2910-RECEIVE-SCREEN

IF PFK-ENTER-KEY

PERFORM 2100-EDIT-RESULTS

ENDIF

IF PFK-EXIT

SET MESSAGE-CODE TO 'PROGRAM TERMINATED'

GO TO 9920-SEND-AND-TERMINATE

ENDIF

GO TO 9910-SEND-AND-RETURN

2100-EDIT-RESULTS

```
FORMAT SSA2 FOR TABLES-RECORD-KEY,  
      INSPECTION-RESULTS-TABLE EQUAL  
      TO MAP-INSPECTION-RESULTS  
CALL 'CBLTDLI' FOR GET UNIQUE  
      TABLES-RECORD  
      EQUAL TO SSA2  
IF NOT FOUND  
      SET MESSAGE-CODE TO 'INVALID INSPECTION RESULTS'  
      GO TO 9910-SEND-AND-RETURN  
ENDIF  
FORMAT SCREEN MAP FOR INSPECTION-RESULTS-DESCRIPTION  
SET COM-ACTIVE-PFKS TO 'EXIT'  
                        'CANCEL'  
                        'REFRESH'  
                        'PROCESS'  
SET MESSAGE-CODE TO 'PRESS APPROPRIATE PFKEY'  
SET PROGRAM-STATE TO 2
```

2910-RECEIVE-SCREEN

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

SET (COM-PANEL-POINTER)

END-EXEC

3000-PROCESS-VERIFY

PERFORM 3910-RECEIVE-SCREEN

IF PFK-VERIFY-CONTINUE

SET NEW-STATUS-CODE TO '35'

PERFORM 3100-POST-TRANSACTION

ENDIF

IF PFK-VERIFY-CANCEL

SET NEW-STATUS-CODE TO '36'

PERFORM 3100-POST-TRANSACTION

ENDIF

IF PFK-EXIT

SET MESSAGE-CODE TO 'PROGRAM TERMINATED'

GO TO 9920-SEND-AND-TERMINATE

ENDIF

GO TO 9910-SEND-AND-RETURN

3100-POST-TRANSACTION

SET COM-DATE-INSPECTION-COMPLETED TO
MAP-DATE-INSPECTION-COMPLETED
SET COM-INSPECTION-RESULTS TO
MAP-INSPECTION-RESULTS
SET COM-STATUS-CODE TO NEW-STATUS-CODE
INSERT COM-COVERAGE-RECORD TO
COVERAGE-TRANSACTION-DATABASE
CLEAR MAP DATA
SET MESSAGE-CODE TO 'SUCCESSFUL UPDATE'
SET COM-ACTIVE-PFKS TO MENU FUNCTIONS

3910-RECEIVE-SCREEN

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

SET (COM-PANEL-POINTER)

END-EXEC

9910-SEND-AND-RETURN

IF MESSAGE-CODE NOT EMPTY

PERFORM 9940-MESSAGE-PROCESSING

ENDIF

PERFORM 9950-SEND-SCREEN

GO TO 9999--RETURN

9920-SEND-AND--TERMINATE

IF MESSAGE-CODE NOT EMPTY

PERFORM 9940-MESSAGE-PROCESSING

ENDIF

PERFORM 9950-SEND-SCREEN

GO TO 9990--TERMINATE

9940-MESSAGE-PROCESSING

FORMAT MSG-LINE FROM MESSAGE-CODE

9950-SEND-SCREEN

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

FSET

CURSOR

END-EXEC

9990-TERMINATE

SET COM-TRAN-ID TO 'COVERAGE DRIVER'

GO TO 9999-RETURN

9999-RETURN

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	29 August 1984
Function:	Data Base Inquiry	Date l.u.:	12 September 1984
Program:	ECEF310 - Query by SIN	Phase:	2

CICS Trans ID: E310

Description:

The query by SIN program will allow for the search of the National Coverage Database with the primary search field of the Social Insurance number of a covered individual.

The program builds a Segment Search Argument (SSA) that specifies the search parameters and successive records are retrieved until no more records exist matching the search criteria, or the end of the database is reached.

INPUTS:

Files: Individuals, Tables, Coverage Databases

Screens: Query by SIN (ECES310)

Reports: None

Documents: Inquiry Request

Communications Area: CICS Communications Area

OUTPUTS:

Files: None

Screens: Query by SIN (ECES310)

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC:

0000-MAINLINE

IF COM-PROGRAM-STATE = 0

PERFORM 1000-INITIALIZATION

ENDIF

IF COM-PROGRAM-STATE = 1

PERFORM 2000-RETRIEVE-COVERAGE-RECORD

ENDIF

IF COM-PROGRAM-STATE NOT = 0 OR 1

SET MSG-LINE TO 'PROGRAM STATE ERROR'

PERFORM 9000-SEND-SCREEN

SET COM-TRAN-ID TO DRIVER PROGRAM TRANSACTION ID

PERFORM 9100-RETURN

ENDIF

1000-INITIALIZATION SECTION

SET COM-PANEL-SET TO MAP-SET-NAME (ECEM310)

SET COM-PANEL TO MAP-NAME (ECES310)

SET COM-TRAN-ID TO PROGRAM TRANSACTION ID

SET COM-ACTIVE-PF KEYS TO 'ENTER NEW SIN'

'EXIT'

MENU FUNCTIONS

PERFORM 9000-SEND-SCREEN

SET COM-PROGRAM-STATE TO 1

PERFORM 9100-RETURN

2000-RETF'EVE-COVERAGE-RECORD SECTION

EXEC CICS RECEIVE

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

SET (COM-PANEL-POINTER)
END-EXEC

IF PF KEY DENOTES ENTER NEW SIN

SET SSA TO SIN INPUT

CALL 'CBLTDLI' FOR GET UNIQUE TO RETRIEVE
NATIONAL INDIVIDUAL RECORD

SET SSA TO SIN INPUT

CALL 'CBLTDLI' FOR GET UNIQUE TO POINT TO THE WANTED
COVERAGE RECORDS

IF FOUND

FORMAT THE COVERAGE INQUIRY SCREEN

SET COM-ACTIVE-PF KEYS TO MENU FUNCTION

PERFORM 9000-SEND-SCREEN

ELSE

SET MSG-LINE TO 'COVERAGE DOES NOT EXIST'

PERFORM 9000-SEND-SCREEN

ENDIF

ENDIF

IF PF KEY DENOTES EXIT

SET COM-TRAN-ID TO DRIVER PROGRAM TRANSACTION ID

ENDIF

PERFORM 9100-RETURN

9000-SEND-SCREEN SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

CURSOR

END-EXEC

9100-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79 - Transportation	Date f.c.:	06 August 1984
Function:	Local Office Transaction Processing	Date l.u.:	12 September 1984
Program:	ECEP410-Batch Input Transaction Processing	Phase:	2

CICS Trans ID: E410

Description:

The purpose of the Batch Input Transaction Processing Program is to provide for the entry of transactions provided by each local office into the Coverage Transaction Database. A record will be created in the Coverage Transaction Database for each transaction supplied by the local office with a status code indicating that the record is from the local office network, is ready for audit, and that it must be processed through all the appropriate edit checks.

The major functions of this program are as follows:

A. Upon this program's initialization from the Coverage System, the local office file will be opened.

B. As each record is read, a control number will be obtained from the Control Database which becomes the Transaction Number for this record. The Control Number is incremented by one and replaced in the Control Database.

C. The record is written to the Coverage Transaction Database with a status code reflecting the status of the data. This status code is:

41 - Record ready for Audit; Must be re-edited

D. Upon end of file, control will be returned to the Coverage System Driver.

The inputs for this program will be the communications area data (established in the Coverage system driver) the Control database, and the local office file. The outputs from this program will be the communications area, records on the Coverage Transaction Database, and the modified record in the Control Database.

INPUTS:

Files: Local Office File, Control Database

Screens: None

Reports: None

Documents: None

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage Transaction, Control Databases

Screens: None

Reports: None

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage Driver Module

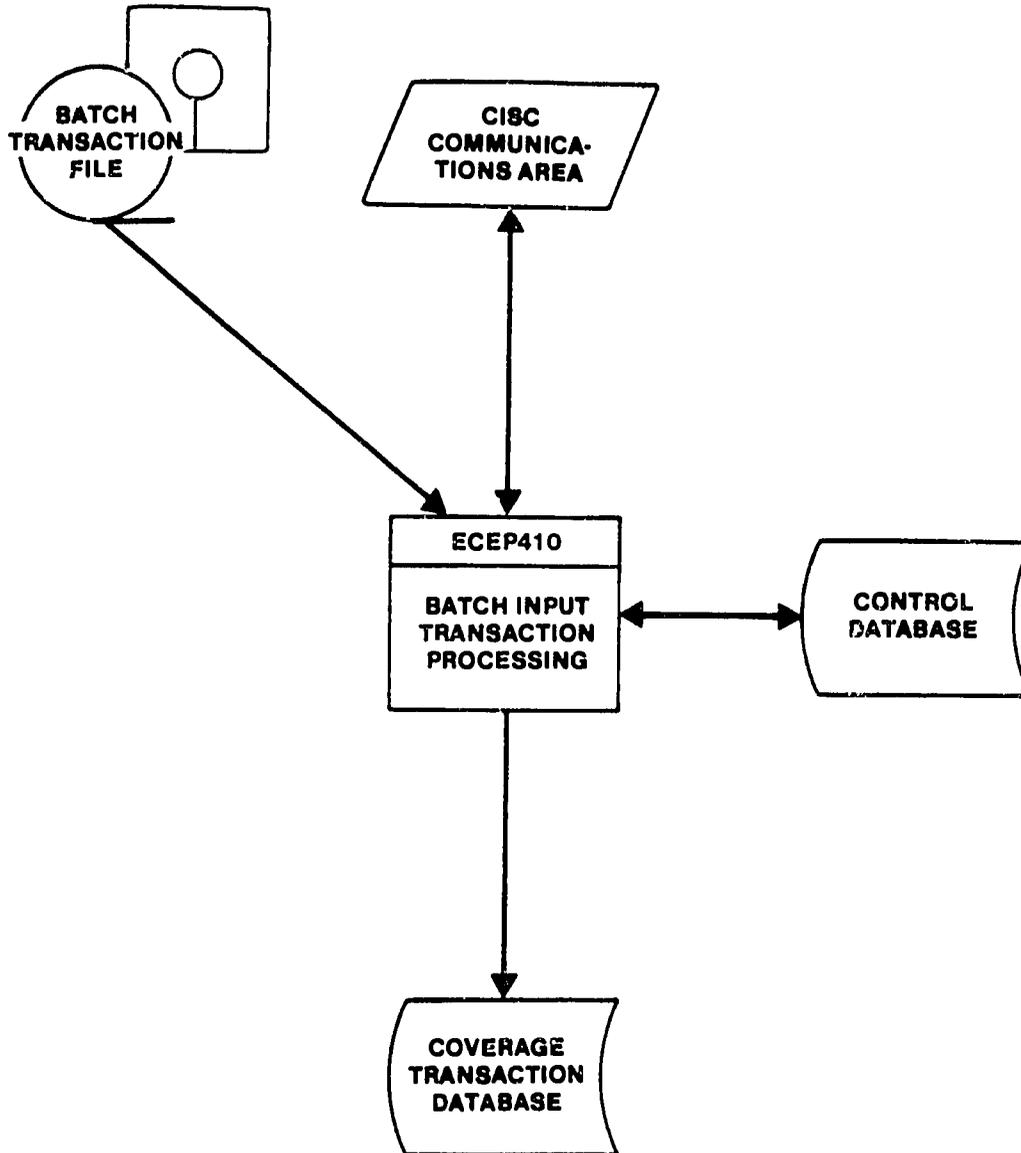
Transfers to: Coverage Driver Module

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
BATCH PROCESSING**



PROCESSING LOGIC:

ACCEPT BATCH INPUT CONTROL FILE FOR LOCAL SELECTION

SET MORE-TRANS-FLAG TO YES

PERFORM 1000-GET-LOCAL-TRANSACTION

UNTIL MORE-TRANS-FLAG EQUAL NO

PERFORM 2000-RUN-STATISTICS

1000-GET-LOCAL-TRANSACTION SECTION

READ LOCAL OFFICE FILE

IF NO MORE RECORDS ON LOCAL FILE

SET MORE-TRANS-FLAG TO NO

ELSE

PERFORM 1100-WRITE-COVERAGE-DATABASE

ENDIF

1100-WRITE-COVERAGE-DATABASE

GET CONTROL NUMBER FROM CONTROL DATABASE

SET COVERAGE STATUS CODE TO '41'

CALL 'CBLTDLI' TO INSERT A NEW COVERAGE TRANSACTION

DATABASE RECORD

INCREMENT CONTROL NUMBER BY 1

REPLACE CONTROL NUMBER IN CONTROL DATABASE

2000-RUN-STATISTICS SECTION

DISPLAY RUN STATISTICS:

COUNT OF LOCAL TRANSACTION INPUT

COUNT OF COVERAGE TRANSACTION OUTPUT

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 9/20/84
Subsystem: Law 79 - Transportation Date l.u.: 9/20/84
Function: Batch Processing Phase: 2
Program: ECEP420 - Archive Coverage Transactions
CICS Trans ID: E420
Author: DSMC

Description:

The Archive Coverage Transaction program reads the Coverage Transaction Database for records that have been completed and are ready for removal from the active file. Those records are written to the Coverage Archive File and the corresponding record is deleted from the Coverage Transaction Database.

INPUTS:

Files: Archive Control Parameters; Coverage Transaction ,
Control Databases

Screens: None

Reports: None

Documents: None

Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage Archive File; Coverage Transaction,
Control Databases

Screens: None

Reports: Coverage Archive Report (ECEP420)

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Operating System

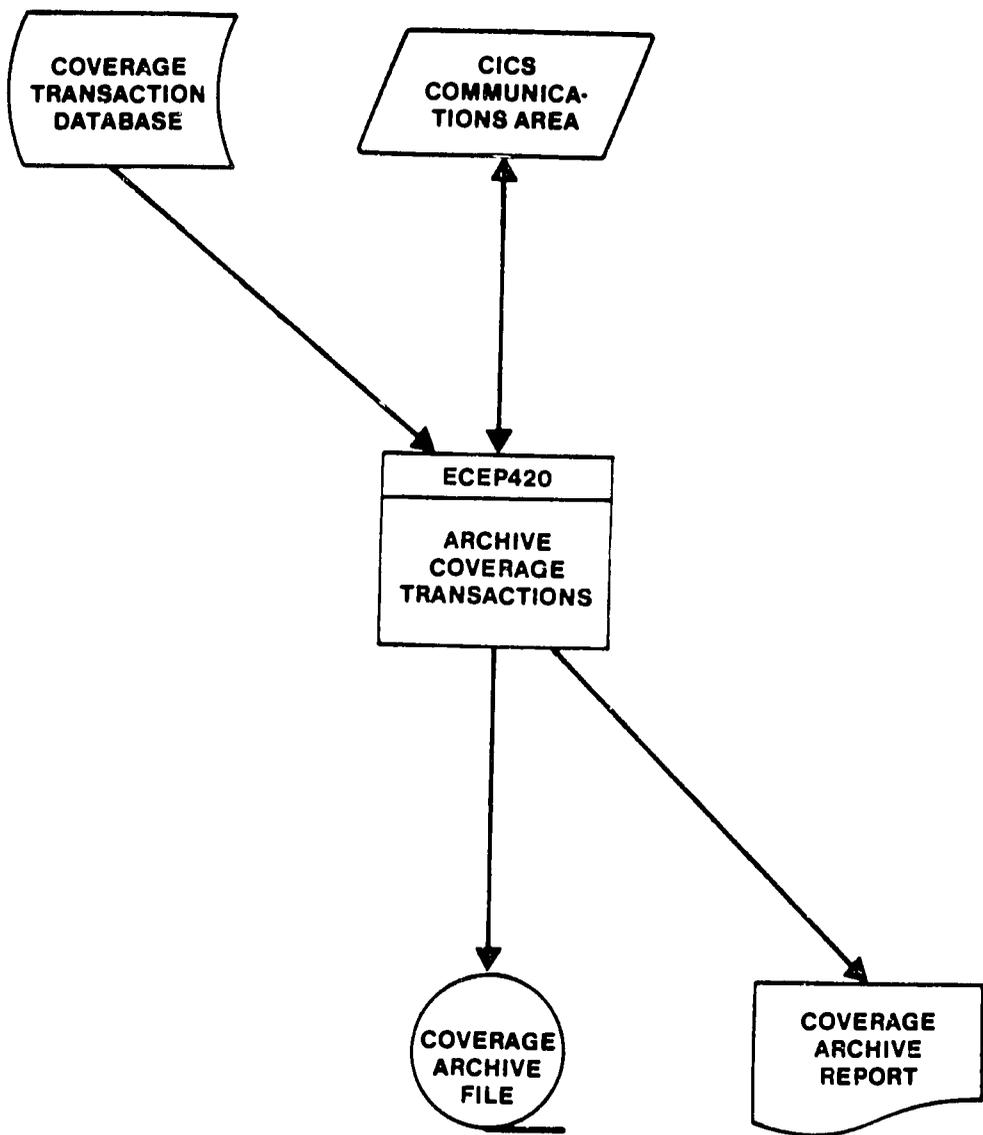
Transfers to: Operating System

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
ARCHIVE COVERAGE TRANSACTIONS**



PROCESSING LOGIC:

READ ARCHIVE-CONTROL-PARAMETER FILE
FOR LAST-ACTIVITY-DATE-PARM
CALL 'DATECEI' USING LAST-ACTIVITY-DATE-PARAM
COMPARE-DATE-PARAM
TO CONVER DATE PARAM TO INTERNAL-FORMAT
FORMAT SSA1 FOR
STATUS-CODE EQUAL TO
'15' OR '25' or '35'
AND STATUS-CHANGE-DATE LESS THAN
OR EQUAL TO COMPARE-DATE-PARM
SET MORE-TRANS-EXIST TO YES
PERFORM 1000-PASS-TRANSACTION-DB
UNTIL MORE-TRANS-EXIST = NO
PERFORM 8000-RUN-STATISTICS
STOP RUN

1000-PASS-TRANSACTION-PB SECTION.

CALL 'CBLTDLI' FOR GET HOLD NEXT

INDIVIDUAL-COVERAGE-RECORD

WHICH SATISFIES SSA1.

IF NO MORE RECORDS ON DATABASE

SET MORE-TRANS-EXIST TO NO

ELSE

PERFORM 2000-PRINT-REPORT

PERFORM 3000-DELETE-TRAN

PERFORM 1100-PRINT-AND-DELETE-RELATED

ENDIF

1100-PRINT-AND-DELETE-RELATED SECTION.

IF RECORD-COUNT NOT EQUAL 9999

SET MORE-WITH-SAME-TRAN-EXIST TO YES

SET SSA3 TO COVERAGE-TRANSACTION-NBR

PERFORM 1110-PRINT-AND-DELETE

UNTIL MORE-WITH-SAME-TRAN-EXIST = NO

ENDIF

1110-PRINT-AND-DELETE SECTION.

CALL 'CBLTDLI' FOR GET HOLD NEXT

INDIVIDUAL-COVERAGE-RECORD

EQUAL TO SSA3

IF NONE FOUND

SET MORE-WITH-SAME-TRAN-EXIST TO NO

ELSE

PERFORM 2000-PRINT-REPORT

PERFORM 3000-DELETE-TRAN

ENDIF

2000-PRINT-REPORT SECTION.

FORMAT PRINT-LINE FROM
INDIVIDUAL-COVERAGE-RECORD
WRITE PRINT-LINE

3000-DELETE-TRAN SECTION.

CALL 'CBLTDLI' FOR DELETE
INDIVIDUAL-COVERAGE-RECORD

8000-RUN-STATISTICS SECTION.

DISPLAY RUN STATISTICS:
COUNT OF ARCHIVED TRANSACTIONS
CONTROL RECORDS DELETED

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 06 August 1984
Function: Eligibility Report Date l.u.: 14 September 1984
Generation
Program: ECEP510 - Eligibility Report Phase: 2

CICS Trans ID: E510

Description:

The Eligibility Report Program will be executed in batch mode to print out the pertinent data for every individual who has been accepted for coverage under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Tables, Coverage Transaction Databases
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Eligibility Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 2000-WRITE-ELIGIBILITY-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE ELIGIBILITY-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE ELIGIBLE COVERAGE DATA FROM SORT AREA TO CORRESPONDING
FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 06 August 1984
Function: Termination Report Date l.u.: 14 September 1984
Generation
Program: ECEP520 - Termination Phase: 2
Report

CICS Trans ID: E520

Description:

The Termination Report Program will be executed in batch mode to print out the pertinent data for every individual who has been terminated for coverage under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Coverage Transaction, Table Databases
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Termination Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

) page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 1000-WRITE-TERMINATION-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE-TERMINATION-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE COVERAGE TERMINATION DATA FROM THE SORT AREA TO THE
CORRESPONDING FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 06 August 1984
Function: Stamp Slip Issuance/
Reissuance Report Date l.u.: 29 August 1984
Generation
Program: ECEP530, Stamp Slip Phase: 2
Issuance Report

CICS Trans ID: E530

Description:

The Stamp Slip Issuance/Reissuance Report Program will be executed in batch mode to print out the pertinent data for every individual who has been issued a stamp slip under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Coverage Transaction, Tables Databases
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Stamp Slip Issuance Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 2000-WRITE-STAMP-SLIP-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000=BASIC RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE-STAMP-SLIP-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE STAMP SLIP DATA FROM THE SORT AREA TO THE CORRESPONDING
FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	06 August 1984
Function:	Stamp Slip Receipt Report Generation	Date l.u.:	29 August 1984
Program:	ECEP540 - Stamp Slip Receipt Report	Phase:	2

CICS Trans ID: E540

Description:

The Stamp Slip Receipt Report Program will be executed in batch mode to print out the pertinent data for every individual who has returned a stamp slip under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Coverage Transaction, Tables Databases
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Stamp Slip Receipt Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 1000-WRITE-RECEIPT-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE-RECEIPT-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE RECEIPT DATA FROM THE SORT AREA TO THE CORRESPONDING
FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	06 August 1984
Function:	Daily Transaction Report Generation	Date l.u.:	12 September 1984
Program:	ECEP550 - Daily Transaction Report	Phase:	2

CICS Trans ID: E550

Description:

The Daily Transaction Report Program will be executed in batch mode to print out the pertinent data for every individual who has initiated a transaction under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Tables, Coverage Transaction Databases

Screens: None

Reports: None

Documents: None

Communications Area: CICS Communications Area

OUTPUTS:

Files: None

Screens: None

Reports: Daily Transaction Report

Documents: None

Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 2000-WRITE-TRANSACTION-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE-TRANSACTION-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE TRANSACTION DATA FROM SORT AREA TO CORRESPONDING
FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 06 August 1984
Function: Inspection Date l.u.: 12 September 1984
Report Generation
Program: ECEP560 - Inspection Phase: 2
Report

CICS Trans ID: E560

Description:

The Inspection Report Program will be executed in batch mode to print out the pertinent data for every individual who has caused an inspection request to be generated by an auditor under Law 79, Transportation. The report will be generated for a date or range of dates as specified by the report criteria resident in the CICS Communications Area. After its initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Tables, Coverage Transaction Databases
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Inspection Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

IF COM-REPORT-FLAG IS SET ON

PERFORM 1000-SORT-REPORT-FILE UNTIL END OF FILE

PERFORM 2000-WRITE-INSPECTION-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC RETURN

ELSE (COM-REPORT-FLAG IS OFF)

SET COVERAGE-DRIVER-TRANSACTION-ID TO COM-TRAN-ID

PERFORM 9000-BASIC-RETURN

ENDIF

1000-SORT-REPORT-FILE SECTION

SET SSA TO REPORT PARM

CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
REPORTED FROM THE COVERAGE TRANSACTION DATABASE

IF FOUND

CALL 'CBLTDLI' USING GET FUNCTION TO RETRIEVE
DESCRIPTION FIELDS FROM TABLES DATABASE

WRITE RECORD TO SORT FILE

ENDIF

2000-WRITE-INSPECTION-REPORT SECTION

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE INSPECTION DATA FROM SORT AREA TO CORRESPONDING
FIELDS IN THE PRINT AREA

WRITE THE PRINT-AREA RECORD

9000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 06 August 1984
Subsystem: Law 79 - Transportation Date l.u.: 29 August 1984
Function: Statistical Report Generation Phase: 2
Program: ECEP570 - Contribution Collection Report
CICS Trans ID: E570
Author: DSMC

Description:

The Contribution Collection Program will be executed in batch mode to report the total number of stamp receipts for Law 79, Transportation individuals and their total contribution amount. The report will be generated annually. One percent of the total contribution amount will be calculated and printed out. After the initiation of the report, control will be returned to the Coverage System Driver.

INPUTS:

Files: Coverage Transaction File
Screens: None
Reports: None
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: None
Screens: None
Reports: Contribution Collection Report
Documents: None
Communications Area: CICS Communications Area

INTERFACE:

Invoked by: Coverage System Driver

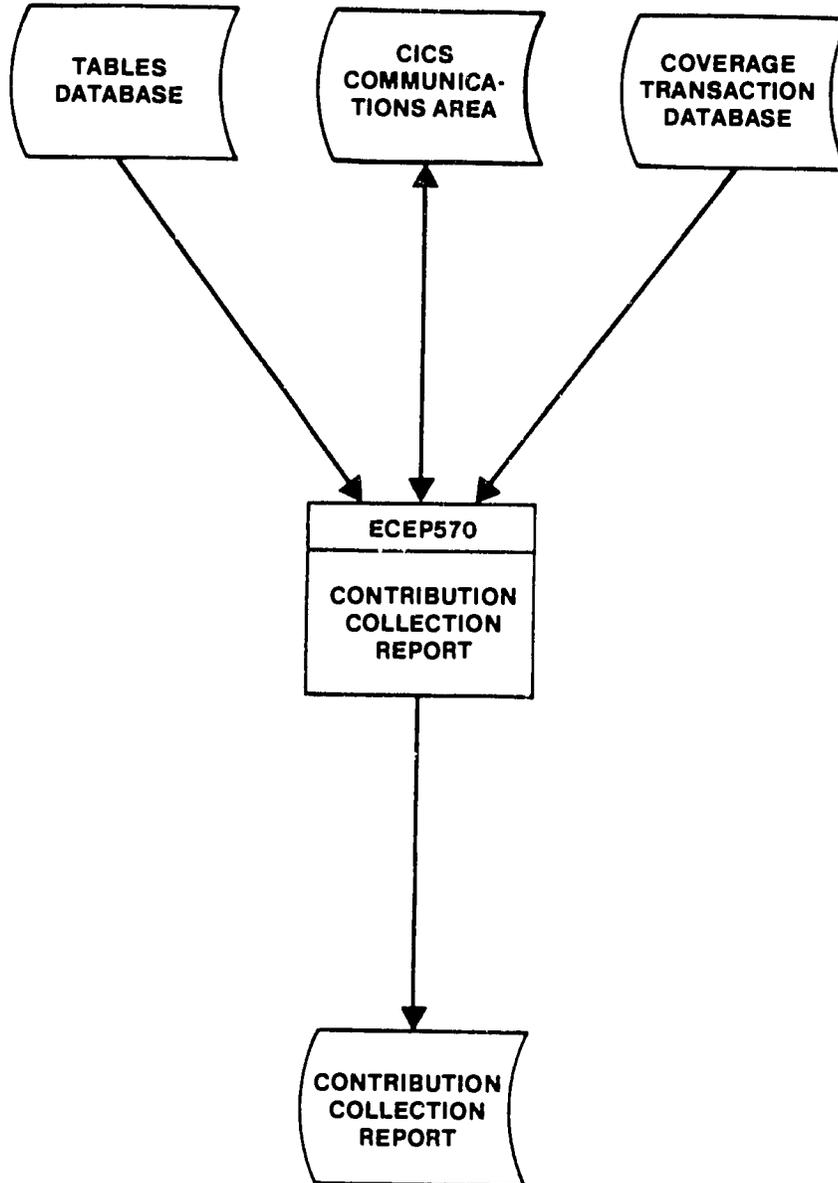
Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

**PROGRAM I/O DIAGRAM
CONTRIBUTION COLLECTION REPORT**



PROCESSING LOGIC

0000-MAINLINE.

```
IF COM-REPORT-FLAG IS SET ON
  PERFORM 1000-CALCULATE-TOTALS UNTIL END OF FILE
  PERFORM 2000-WRITE-CONTRIBUTION-COLLECTION
  SET COM-REPORT-FLAG OFF
  SET COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
  PERFORM 9000-BASIC-RETURN
ELSE
  SET COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
  PERFORM 9000-BASIC-RETURN
ENDIF
```

1000-CALCULATE-TOTALS SECTION.

```
SET SSA TO REPORT PARM
CALL 'CBLTDLI' USING GET FUNCTION TO SELECT RECORD TO BE
  REPORTED FROM THE COVERAGE TRANSACTION DATABASE
IF FOUND
  IF TRANSACTION RECORD TYPE = STAMP RECEIPT TYPE AND
    TRANSACTION LAW = LAW 79 TRANSPORTATION
    ACCUMULATE TRANSACTION CONTRIBUTION AMOUNT TO
      CONTRIBUTION TOTAL
  ENDIF
ELSE
  CALL 'CBLTDLI' TO GET NEXT RECORD
ENDIF
```

2000-WRITE-CONTRIBUTION-COLLECTION SECTION.

```
MOVE CURRENT DATE TO THE RUN-REPORT-DATE
MOVE OCCUPATION TYPE TO PRINT AREA
MOVE NUMBER OF STAMP RECEIPTS BY OCCUPATION TYPE
  TO PRINT AREA
MOVE CONTRIBUTION TOTALS BY OCCUPATION TYPE
  TO PRINT AREA

WRITE PRINT AREA

CALCULATE 1% OF CONTRIBUTION TOTAL
WRITE RESULT OF 1% CALCULATION
```

9000-BASIC-RETURN SECTION.

```
EXEC CICS RETURN
  TRANSID (COM-TRAN-ID)
  COMMAREA (DFHCOMMAREA-W)
  LENGTH (COM-LENGTH)
END-EXEC
```

INPUT DOCUMENT DESCRIPTION

System: Coverage

Subsystem: Law 79 Transportation

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Document Name: Coverage Application

Phase: 2

Document ID: Form 1

Description:

This document is used to enroll an individual in Law 79 Transportation.

Format Type: Input Document

Users: SIO

Input Frequency: Daily

Input Volume:

Comments:

Reference Number	Data	Notes
1	- REGION NAME	PIC X(15)
2	- LOCAL OFFICE NAME	PIC X(15)
3	- UNIT NAME	PIC X(15)
4	- STN	PIC 9(09)
5	- NAME	PIC X(40)
6	- OCCUPATION DESC.	PIC X(15)
7	- APPLICATION DATE	PIC X(10)
8	- OCCUPATION DATE	PIC X(10)
9	- LICENCE CLASS CODE	PIC 9(01)
10	- LICENCE NUMBER	PIC 9(05)
11	- PLACE OF ISSUE DESC.	PIC X(20)
12	- EXPIRATION DATE	PIC X(10)

INPUT DOCUMENT DESCRIPTION

System: Coverage

Subsystem: Law 79 Transportation

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Document Name: Coverage Application
Change

Phase: 2

Document ID:

Description:

This document allows for changes in an individual's coverage record.

Format Type: Input Document

Users: SIO

Input Frequency: Daily

Input Volume:

Comments:

Reference Number	Data	Notes
1	- REGION NAME	PIC X(15)
2	- LOCAL OFFICE NAME	PIC X(15)
3	- UNIT NAME	PIC X(15)
4	- SIN	PIC 9(09)
5	- NAME	PIC X(40)
6	- OCCUPATION DESC.	PIC X(15)
7	- CHANGE DATE	PIC X(10)
8	- OCCUPATION DATE	PIC X(10)
9	- LICENCE CLASS CODE	PIC 9(01)
10	- LICENCE NUMBER	PIC 9(05)
11	- PLACE OF ISSUE DESC.	PIC X(20)
12	- EXPIRATION DATE	PIC X(10)

INPUT DOCUMENT DESCRIPTION FORM

System: Coverage

Subsystem: Law 79 Transportation Date f.c.: 7/31/84

Function: Date l.u.: 9/16/84

Document Name: Coverage Termination Phase: 2

Document ID: Form 6

Description:

This document is used terminate a covered individual from Law 79 Transportation.

Format Type: Input Document

Users: SIO

Input Frequency: Daily

Input Volume:

Comments:

Referen Number	Data	Notes
1	- REGION NAME	PIC X(15)
2	- LOCAL OFFICE NAME	PIC X(15)
3	- UNIT NAME	PIC X(15)
4	- SIN	PIC 9(09)
5	- NAME	PIC X(40)
6	- TERMINATION DATE	PIC X(10)
7	- TERMINATION DESC.	PIC X(15)
8	- TERM. FORM DATE	PIC X(10)

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E010CD	X(10) DISPLAY ONLY
2	E010TN	9(9) DISPLAY ONLY
3	E010LC	9(2) DISPLAY ONLY
4	E010LN	X(15) DISPLAY ONLY
5	E010UC	9(2) DISPLAY ONLY
6	E010UN	X(15) DISPLAY ONLY
7	E010RC	9(2) DISPLAY ONLY
8	E010RN	X(15) DISPLAY ONLY
9	E010AD	X(10) INPUT FIELD
10	E010SIN	9(9) DISPLAY ONLY
11	E010NAM	X(40) DISPLAY ONLY
12	E010OCC	9(4) INPUT FIELD
13	E010OCD	X(25) DISPLAY ONLY
14	E010ODT	X(10) INPUT FIELD
15	E010SAD	X(30) DISPLAY ONLY
16	E010SBN	X(4) DISPLAY ONLY
17	E010GVC	9(2) DISPLAY ONLY
18	E010PSC	9(2) DISPLAY ONLY
19	E010PVC	9(2) DISPLAY ONLY
20	E010LIC	9(1) INPUT FIELD
21	E010LNU	X(5) INPUT FIELD
22	E010PIC	9(2) INPUT FIELD
23	E010PID	X(20) DISPLAY ONLY
24	E010XD	X(10) INPUT FIELD

SCREEN DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	9 September 1984
Screen ID:	ECES020	Date l.u.:	14 September 1984
Screen Name:	Modify Coverage Record Screen	Phase:	2

Description:

This screen accepts data for the Modify Coverage Record program. Program Function Keys will control the flow of information through the program. Only the license information, occupation field and the occupation start date may be modified by the Data Entry Clerk. All other fields are display only and protected from modification.

User: Data Entry

Type: Document Entry

Document Name: Change Form

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E020CD	X(10) DISPLAY ONLY
2	E020TN	9(9) DISPLAY ONLY
3	E020LC	9(2) DISPLAY ONLY
4	E020LN	X(15) DISPLAY ONLY
5	E020UC	9(2) DISPLAY ONLY
6	E020UN	X(15) DISPLAY ONLY
7	E020RC	9(2) DISPLAY ONLY
8	E020RN	X(15) DISPLAY ONLY
9	E020AD	X(10) DISPLAY ONLY
10	E020SIN	9(9) DISPLAY ONLY
11	E020NAM	X(40) DISPLAY ONLY
12	E020OCC	9(4) INPUT FIELD
13	E020OCD	X(25) DISPLAY ONLY
14	E020ODT	X(10) INPUT FIELD
15	E020SAD	X(30) DISPLAY ONLY
16	E020SBN	X(4) DISPLAY ONLY
17	E020GVC	9(2) DISPLAY ONLY
18	E020PSC	9(2) DISPLAY ONLY
19	E020PVC	9(2) DISPLAY ONLY
20	E020LIC	9(1) INPUT FIELD
21	E020LNU	X(5) INPUT FIELD
22	E020PIC	9(2) INPUT FIELD
23	E020PID	X(20) DISPLAY ONLY
24	E020XD	X(10) INPUT FIELD

SCREEN LAYOUT

 ALLOCATED EGYPTIAN SOCIAL INSURANCE SYSTEM
 FUTURED HEALTH COVERAGE RECORD IDAYSDATE

TRANSACTION : TRANSACTION NRK

----- Y F 1 ----- X 2 : LUCA
 ADATE : APPLIC DATE X 3 : REGIO

 A E 2 : NAME A E 3 : SOCIAL INS NUM
 Y L 5 : OCCUPA DATE Y E 4 : ADDR : OCCU
 L 6 : ADDR : STREET : ADDRESS
 L 7 : PCODE L 8 : PCODE L 9 : SVCODE

 A L 1 : LICENSE NUM P : LICENSE CODE
 Y L 2 : AA : PLACE OF IS
 Y L 3 : EXPIRATION DATE

 Y L 4 :
 Y L 5 :

- Y L 6 : - PROCESS MODIFICATION
- Y L 7 : - REFRESH SCREEN
- Y L 8 : - CANCEL MODIFICATION
- Y L 9 : - COVERAGE SUBSYSTEM FUNCTIONS
- Y L 0 : - BASIS SYSTEM MENU

SCREEN DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	9 September 1984
Screen ID:	ECES030	Date l.u.:	14 September 1984
Screen Name:	Stamp Slip Issuance/ Reissuance Screen	Phase:	2

Description:

This screen will accept the Data Entry clerk's response to the need for the issuance/reissuance of the individual's stamp slip. Program Function Keys will control the processing of the application program. All fields are display only and are protected from modification by the Data Entry clerk.

User: Data Entry

Type: Input

Document Name: None

Hard Copy: No

Comments: Applicable program function key (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

<u>Reference Number</u>	<u>Data Name</u>	<u>Notes</u> -----
1	E030CD	X(10) DISPLAY ONLY
2	E030TN	9(9) DISPLAY ONLY
3	E030LC	9(2) DISPLAY ONLY
4	E030LN	X(15) DISPLAY ONLY
5	E030UC	9(2) DISPLAY ONLY
6	E030UN	X(15) DISPLAY ONLY
7	E030RC	9(2) DISPLAY ONLY
8	E030RN	X(15) DISPLAY ONLY
9	E030SIN	9(9) DISPLAY ONLY
10	E030NAM	X(40) DISPLAY ONLY
11	E030LIC	9(1) DISPLAY ONLY
12	E030LNU	X(5) DISPLAY ONLY
13	E030PIC	9(2) DISPLAY ONLY
14	E030PID	X(20) DISPLAY ONLY
15	E030XD	X(10) DISPLAY ONLY
16	E030OCC	9(4) DISPLAY ONLY
17	E030OCD	X(25) DISPLAY ONLY
18	E030BD	X(10) DISPLAY ONLY
19	E030ED	X(10) DISPLAY ONLY

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 September 1984
Screen ID: ECES040 Date l.u.: 14 September 1984
Screen Name: Stamp Slip Receipt Screen Phase: 2

Description:

This screen accepts data for the Stamp Slip Receipt Program. There are three entry fields: stamp slip receipt condition, number of months, and value of stamps returned. All other data fields are display only and cannot be modified. Program Function Keys will control the processing flow of the program.

User: Data Entry

Type: Document Entry

Document Name: Stamp

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E040CD	X(10) DISPLAY ONLY
2	E040TN	9(9) DISPLAY ONLY
3	E040LC	9(2) DISPLAY ONLY
4	E040LN	X(15) DISPLAY ONLY
5	E040UC	9(2) DISPLAY ONLY
6	E040UN	X(15) DISPLAY ONLY
7	E040RC	9(2) DISPLAY ONLY
8	E040RN	X(15) DISPLAY ONLY
9	E040SIN	9(9) DISPLAY ONLY
10	E040NAM	X(40) DISPLAY ONLY
11	E040BD	X(4) DISPLAY ONLY
12	E040ED	X(10) DISPLAY ONLY
13	E040RC	9(1) INPUT FIELD
14	E040RD	X(25) DISPLAY ONLY
15	E040CM	9(2) INPUT FIELD
16	E040AP	X(6) INPUT FIELD

SCREEN LAYOUT

AUTOMATED EQUITY SOCIAL INSURANCE SYSTEM

FORM 340

STATE RECEIPT

ISSUESCALE

ISSUESCAL2 : TRANSACTION NBR

ISSUESCAL1 : ISSUESCAL1

ISSUESCAL2 : ISSUESCAL2

LOC : LOCAL

ISSUESCAL3 : ISSUESCAL3

REG : REGION

YES : YES : SOCIAL INS NUM

REG : REG : BEGIN DAT

ISSUESCAL : ISSUESCAL : COVER CONDITION

ISSUESCAL : ISSUESCAL : CONTRIBUTION MONTHS

ISSUESCAL

ISSUESCAL

- ISSUESCAL : ISSUESCAL - COVER REY
- ISSUESCAL : ISSUESCAL - PR1
- ISSUESCAL : ISSUESCAL - PR2
- ISSUESCAL : ISSUESCAL - PR7
- ISSUESCAL : ISSUESCAL - PR8

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 Sept. 1984
Screen ID: ECES050 Date l.u.: 9 Sept. 1984
Screen Name: Coverage Termination Phase: 2
Screen

Description:

This screen accepts data for the Coverage Termination Program. The termination form date, termination date, and termination reason are the only entry fields. All other fields are protected. The Program Function Keys control the application.

User: Data Entry

Type: Document Entry

Document Name: Termination Form (Form 6)

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E050CD	X(10) DISPLAY ONLY
2	E050TN	9(9) DISPLAY ONLY
3	E050TFD	X(10) INPUT FIELD
4	E050LC	9(2) DISPLAY ONLY
5	E050LN	X(15) DISPLAY ONLY
6	E050UC	9(2) DISPLAY ONLY
7	E050UN	X(15) DISPLAY ONLY
8	E050SIN	9(9) DISPLAY ONLY
9	E050RC	9(2) DISPLAY ONLY
10	E050RN	X(15) DISPLAY ONLY
11	E050NAM	X(40) DISPLAY ONLY
12	E050TDT	X(10) INPUT FIELD
13	E050TRN	9(2) INPUT FIELD
14	E050TRD	X(25) DISPLAY ONLY

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 September 1984
Screen ID: ECES110 Date l.u.: 14 September 1984
Screen Name: Audit Original Phase: 2
Application Screen

Description:

This screen is used by the Auditor to audit an individual's original application for Social Insurance Coverage under Law 79 . All of the data that was present on the Data Entry Clerk's screen (both display and entered) will be present. The only fields that the auditor can modify are license information, occupation code and occupation start date. Program Function Keys (PFK) are used to control the application.

User: Coverage Auditor

Type: Audit/Approval

Document Name: Coverage Application Form (Form 1)

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E110CD	X(10) DISPLAY ONLY
2	E110TN	9(9) DISPLAY ONLY
3	E110LC	9(2) DISPLAY ONLY
4	E110LN	X(15) DISPLAY ONLY
5	E110UC	9(2) DISPLAY ONLY
6	E110UN	X(15) DISPLAY ONLY
7	E110RC	9(2) DISPLAY ONLY
8	E110RN	X(15) DISPLAY ONLY
9	E110AD	X(10) DISPLAY ONLY
10	E110SIN	9(9) DISPLAY ONLY
11	E110NAM	X(40) DISPLAY ONLY
12	E110OCC	9(4) INPUT FIELD
13	E110OCD	X(25) DISPLAY ONLY
14	E110ODT	X(10) INPUT FIELD
15	E110SAD	X(30) DISPLAY ONLY
16	E110SBN	X(4) DISPLAY ONLY
17	E110GVC	9(2) DISPLAY ONLY
18	E110PSC	9(2) DISPLAY ONLY
19	E110PVC	9(2) DISPLAY ONLY
20	E110LIC	9(1) INPUT FIELD
21	E110LNU	X(5) INPUT FIELD
22	E110PIC	9(2) INPUT FIELD
23	E110PID	X(20) DISPLAY ONLY
24	E110XD	X(10) INPUT FIELD

SCREEN LAYOUT

ASSOCIATED HERETAL SOCIAL INSURANCE SYSTEM
MULTI-STATE APPLICATION IDAYSSTATE

TRANSACTN : TRANSACTION NBR

DATE : DATE
Y1 : STATE
Y2 : LOCA
Y3 : REF TO

Y4 : DATE
Y5 : SOCIAL INS NUM
Y6 : OCCU
Y7 : ADDRESS
Y8 : PSCODE
Y9 : SVCODE

Y10 : LICENSE NUM
Y11 : LICENSE CODE
Y12 : PLACE OF IS
Y13 : EXPIRATION DATE

- Y14 : REF KEY - PROCESS APPLICATION
- Y15 : REF KEY - REFRESH SCREEN
- Y16 : REF KEY - CANCEL APPLICATION
- Y17 : REF KEY - COVERAGE SUBSYSTEM FUNCTIONS
- Y18 : REF KEY - BASIS SYSTEM MENU

SCREEN DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	9 September 1984
Screen ID:	ECES120	Date l.u.:	14 September 1984
Screen Name:	Audit Modify Coverage Record Screen	Phase:	2

Description:

This screen is used by the auditor to audit an individual's request to change his coverage data currently resident on the Coverage Database. The Data Entry Clerk has previously entered the changed data. All of the data that was present on the Data Entry Clerk's screen (both display and entered) will be present. The only fields that the auditor can modify are license information, occupation code and occupation start date. Program Function keys will control the processing flow of the application.

User: Coverage Auditors

Type: Audit Approval

Document Name: Coverage Change Form

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E120CD	X(10) DISPLAY ONLY
2	E120TN	9(9) DISPLAY ONLY
3	E120LC	9(2) DISPLAY ONLY
4	E120LN	X(15) DISPLAY ONLY
5	E120UC	9(2) DISPLAY ONLY
6	E120UN	X(15) DISPLAY ONLY
7	E120RC	9(2) DISPLAY ONLY
8	E120RN	X(15) DISPLAY ONLY
9	E120AD	X(10) DISPLAY ONLY
10	E120SIN	9(9) DISPLAY ONLY
11	E120NAM	X(40) DISPLAY ONLY
12	E120OCC	9(4) INPUT FIELD
13	E120OCD	X(25) DISPLAY ONLY
14	E120ODT	X(10) INPUT FIELD
15	E120SAD	X(30) DISPLAY ONLY
16	E120SBN	X(4) DISPLAY ONLY
17	E120GVC	9(2) DISPLAY ONLY
18	E120PSC	9(2) DISPLAY ONLY
19	E120PVC	9(2) DISPLAY ONLY
20	E120LIC	9(1) INPUT FIELD
21	E120LNU	X(5) INPUT FIELD
22	E120PIC	9(2) INPUT FIELD
23	E120PID	X(20) DISPLAY ONLY
24	E120XD	X(10) INPUT FIELD

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 Sept. 1984
Screen ID: ECES130 Date l.u.: 14 Sept. 1984
Screen Name: Audit Stamp Slip Phase: 2
Issuance/Reissuance Screen

Description:

This screen will audit the request for a stamp slip issuance/reissuance either as a result of an entry made by the Data Entry Clerk or as a result of a new application. The Program Function keys will control the application.

User: Auditors

Type: Audit/Approval

Document Name: Stamp Slip

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E130CD	X(10) DISPLAY ONLY
2	E130TN	9(9) DISPLAY ONLY
3	E130LC	9(2) DISPLAY ONLY
4	E130LN	X(15) DISPLAY ONLY
5	E130UC	9(2) DISPLAY ONLY
6	E130UN	X(15) DISPLAY ONLY
7	E130RC	9(2) DISPLAY ONLY
8	E130RN	X(15) DISPLAY ONLY
9	E130SIN	9(9) DISPLAY ONLY
10	E130NAM	X(40) DISPLAY ONLY
11	E130LIC	9(1) DISPLAY ONLY
12	E130LNU	X(5) DISPLAY ONLY
13	E130PIC	9(2) DISPLAY ONLY
14	E130PID	X(20) DISPLAY ONLY
15	E130XD	X(10) DISPLAY ONLY
16	E130OCC	9(4) DISPLAY ONLY
17	E130OCD	X(25) DISPLAY ONLY
18	E130BD	X(10) DISPLAY ONLY
19	E130ED	X(10) DISPLAY ONLY

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 Sept. 1984
Screen ID: ECES140 Date l.u.: 9 Sept. 1984
Screen Name: Audit Stamp Slip Phase: 2
Receipt Screen

Description:

This screen is used by the auditor to audit an individual's returned stamp slip data. Only the number of months, value of stamps, and the return condition field may be modified; all other fields are displayed. Program Function Keys (PFK) are used to control the application

User: Auditors

Type: Audit/Approval

Document Name: None

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E140CD	X(10) DISPLAY ONLY
2	E140TN	9(9) DISPLAY ONLY
3	E140LC	9(2) DISPLAY ONLY
4	E140LN	X(15) DISPLAY ONLY
5	E140UC	9(2) DISPLAY ONLY
6	E140UN	X(15) DISPLAY ONLY
7	E140RC	9(2) DISPLAY ONLY
8	E140RN	X(15) DISPLAY ONLY
9	E140SIN	9(9) DISPLAY ONLY
10	E140NAM	X(40) DISPLAY ONLY
11	E140BD	X(10) DISPLAY ONLY
12	E140ED	X(10) DISPLAY ONLY
13	E140RC	9(1) INPUT FIELD
14	E140RD	X(25) DISPLAY ONLY
15	E140RC	9(2) INPUT FIELD
16	E140AP	X(7) INPUT FIELD

SCREEN LAYOUT

AUTOMATED PSYCHIC SOCIAL INSURANCE SYSTEM

TODAYS DATE

TXA12A12 : TRANSACTION NBR

TXA12A12 : TXA12A12

TXA12A2 : A2 : LOCA

TXA12A3 : B6 : REGION

YES : TXA12A4 : SOCIAL INS NUM

AE1 : TXA12A5 : REGION DAT

AE2 : TXA12A6 : LOVE CONDITON

AE3 : TXA12A7 : CONTRIBUTION MONTHS

AE4

AE5

- PF1 - ENTER KEY
- PF2 - PH1
- PF3 - PH2
- PF4 - PH3
- PF5 - PH4
- PF6 - PH5
- PF7 - PH6
- PF8 - PH7
- PF9 - PH8

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 Sept. 1984
Screen ID: ECES150 Date l.u.: 9 Sept. 1984
Screen Name: Audit Coverage Phase: 2
Termination Screen

Description:

This screen allows the auditor to access the data that the Data Entry clerk entered for the Coverage Termination Program. The termination form date, termination date, and termination reason are the only fields that can be modified. All other fields are protected. The Program Function Keys control the application.

User: Data Entry

Type: Document Entry

Document Name: Termination Form (Form 6)

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E150CD	X(10) DISPLAY ONLY
2	E150TN	9(9) DISPLAY ONLY
3	E150TFD	X(10) INPUT FIELD
4	E150LC	9(2) DISPLAY ONLY
5	E150LN	X(15) DISPLAY ONLY
6	E150UC	9(2) DISPLAY ONLY
7	E150UN	X(15) DISPLAY ONLY
8	E150SIN	9(9) DISPLAY ONLY
9	E150RC	9(2) DISPLAY ONLY
10	E150RN	X(15) DISPLAY ONLY
11	E150NAM	X(40) DISPLAY ONLY
12	E150TDT	X(10) INPUT FIELD
13	E150TRN	9(2) INPUT FIELD
14	E150TRD	X(25) DISPLAY ONLY

SCREEN DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	9 Sept. 1984
Screen ID:	ECES210	Date l.u.:	9 Sept. 1984
Screen Name:	Inspection Assignment Screen	Phase:	2

Description:

This screen accepts the data provided by the auditor for any transaction that requires an inspection. The date field is a display field as is the inspector's name and the reason for inspection. All other fields are entry fields. Program Function Keys will control the application.

User: SIO

Type: Audit

Document Name: Daily Transaction Report

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

<u>Reference Number</u>	<u>Data Name</u>	<u>Notes</u> _____
1	E210CD	X(10) DISPLAY ONLY
2	E210TN	9(9) DISPLAY ONLY
3	E210SIN	9(9) ENTRY FIELD
4	E210NAM	X(40) DISPLAY ONLY
5	E210RN	9(2) ENTRY FIELD
6	E210RD	X(15) DISPLAY ONLY

SCREEN DESCRIPTION

System:	Coverage	Author:	DSMC
Subsystem:	Law 79, Transportation	Date f.c.:	9 Sept. 1984
Screen ID:	ECES220	Date l.u.:	9 Sept. 1984
Screen Name:	Inspection Results Screen	Phase:	2

Description:

This screen accepts the data provided to the auditors upon completion of a transaction's inspection. The reason/result code is the only entered data. All other fields are protected. The Program Function Keys control the application.

User: SIO

Type: Audit

Document Name: Reports From Inspectors

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E220CD	X(10) DISPLAY ONLY
2	E220TN	9(9) DISPLAY ONLY
3	E220SIN	9(9) DISPLAY ONLY
4	E220NAM	X(40) DISPLAY ONLY
5	E220RN	9(2) ENTRY FIELD
6	E220RD	X(25) DISPLAY ONLY
7	E220RDT	X(10) DISPLAY ONLY

SCREEN LAYOUT

AUTOMATED PAYMENT SOCIAL INSURANCE SYSTEM

PROCESS

INSPECTION RESULT

DDMMYY

DDMMYY

TRANSACTION NUMBER

DDMMYY

SOCIAL INS NUM

DDMMYY

NAME

DDMMYY

DATE COMPLETED

DDMMYY

DD

INSPECTION RESULT

DDMMYY

DDMMYY

PROCESS RESULTS - ENTER KEY

REFRESH SCREEN - PF1

CANCEL RESULTS - PF2

COVERABLE SYSTEM FUNCTIONS MENU - PF7

RETURN TO MAIN MENU - PF8

SCREEN DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Transportation Date f.c.: 9 September 1984
Screen ID: ECES310 Date l.u.: 14 September 1984
Screen Name: Query By SIN Phase: 2

Description:

This screen is used to display the coverage data for an individual. Its only input field is the individual's SIN. All other fields are protected. Program Function Keys will control the application.

Users: SIO

Type: Query

Document Name: No

Hard Copy: No

Comments: Applicable program function (PF) key identification and usage will be displayed at the base of the screen. Both the operator instruction message line and the PF key display will be protected lines and not available for operator input.

SCREEN DESCRIPTION FORM

DATA CONTENT

Reference Number	Data Name	Notes_____
1	E310CD	X(10) DISPLAY ONLY
2	E310LC	9(2) DISPLAY ONLY
3	E310LN	X(15) DISPLAY ONLY
4	E310UC	9(2) DISPLAY ONLY
5	E310UN	X(15) DISPLAY ONLY
6	E310RC	9(2) DISPLAY ONLY
7	E310RN	X(15) DISPLAY ONLY
8	E310SIN	9(9) ENTRY FIELD
9	E310NAM	X(40) DISPLAY ONLY
10	E310OCC	9(4) DISPLAY ONLY
11	E310OCD	X(25) DISPLAY ONLY
12	E310ODT	X(10) DISPLAY ONLY
13	E310LIC	9(1) DISPLAY ONLY
14	E310XD	X(10) DISPLAY ONLY
15	E310RD	X(10) DISPLAY ONLY
16	E310CM	9(4) DISPLAY ONLY
17	E310AP	X(7) DISPLAY ONLY
18	E310SAD	X(30) DISPLAY ONLY
19	E310SBN	9(4) DISPLAY ONLY
20	E310GVC	9(2) DISPLAY ONLY
21	E310PSC	9(2) DISPLAY ONLY
22	E310PUC	9(2) DISPLAY ONLY
23	E310LUD	X(10) DISPLAY ONLY

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECFR510 Phase: 2
Report Name: Eligibility Report

Description:

This report provides a daily record of eligibility activity for the Coverage Transaction Database.

Production:

Frequency	Medium	Forms	Volume
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: _____	Lines per page
<input type="checkbox"/> Weekly	<input type="checkbox"/> Preprinted Form	Type: _____	Avg: _____
<input type="checkbox"/> Bi-Weekly	<input type="checkbox"/> Other	Size: _____	Max:
<input type="checkbox"/> Semi-Monthly	-----	# of Plys: _____	Pages per report
<input type="checkbox"/> Monthly			Avg:
<input type="checkbox"/> Quarterly			Max:
<input type="checkbox"/> On Request			
<input type="checkbox"/> Other	-----		

Distribution:

Area or Job Title	Location	Copies	Page Break/Total
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
Minor: Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECFR520 Phase: 2
Report Name: Termination Report

Description:

This report provides a daily record of termination activity for the Coverage Transaction Database.

Production:

Frequency	Medium	Forms	Volume
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: _____	Lines per page
<input type="checkbox"/> Weekly	<input type="checkbox"/> Preprinted Form	Type: _____	Avg: _____
<input type="checkbox"/> Bi-Weekly	<input type="checkbox"/> Other	Size: _____	Max:
<input type="checkbox"/> Semi-Monthly		# of Plys: _____	Pages per report
<input type="checkbox"/> Monthly			Avg:
<input type="checkbox"/> Quarterly			Max:
<input type="checkbox"/> On Request			
<input type="checkbox"/> Other			

Distribution:

Area or Job Title	Location	Copies	Page Break/Total
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
Minor: Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECFR530 Phase: 2
Report Name: Stamp Slip Issuance Report
Description:

This report provides a daily record of Stamp Slip Issuance activity for the Coverage Transaction Database.

Production:

Frequency	Medium	Forms	Volume
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: _____	Lines per page
_____ Weekly	_____ Preprinted Form	Type: _____	Avg: _____
_____ Bi-Weekly	_____ Other	Size: _____	Max:
_____ Semi-Monthly	_____	# of Plys: _____	Pages per report
_____ Monthly	_____		Avg:
_____ Quarterly	_____		Max:
_____ On Request	_____		
_____ Other	_____		

Distribution:

Area or Job Title	Location	Copies	Page Break/Total
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
Minor: Coverage Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
 Subsystem: Law 79, Construction Date f.c.: 10 September 1984
 Function: Date l.u.: 10 September 1984
 Report ID: ECFR540 Phase: 2
 Report Name: Stamp Slip Receipt Report

Description:

This report provides a daily record of Stamp Slip Receipt activity for the Coverage Transaction Database.

Production:

Frequency	Medium	Forms	Volume
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: _____	Lines per page
<input type="checkbox"/> Weekly	<input type="checkbox"/> Preprinted Form	Type: _____	Avg: _____
<input type="checkbox"/> Bi-Weekly	<input type="checkbox"/> Other	Size: _____	Max:
<input type="checkbox"/> Semi-Monthly		# of Plys: _____	Pages per report
<input type="checkbox"/> Monthly			Avg:
<input type="checkbox"/> Quarterly			Max:
<input type="checkbox"/> On Request			
<input type="checkbox"/> Other			

Distribution:

Area or Job Title	Location	Copies	Page Break/Total
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
 Minor: Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECFR550 Phase: 2
Report Name: Daily Transaction Report
Description:

This report provides a record of daily transaction activity for the Coverage Transaction Database.

Production:

Frequency	Medium	Forms	Volume
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: _____	Lines per page
_____ Weekly	_____ Preprinted Form	Type: _____	Avg: _____
_____ Bi-Weekly	_____ Other	Size: _____	Max: _____
_____ Semi-Monthly	_____	# of Plys: _____	Pages per report
_____ Monthly	_____	_____	Avg: _____
_____ Quarterly	_____	_____	Max: _____
_____ On Request	_____	_____	_____
_____ Other	_____	_____	_____

Distribution:

Area or Job Title	Location	Copies	Page Break/Total
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
Minor: Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECFR560 Phase: 2
Report Name: Inspection Report

Description:

This report provides a daily record of inspection activity for the Coverage Transaction Database.

Production:

<u>Frequency</u> -----	<u>Medium</u> -----	<u>Forms</u> -----	<u>Volume</u> -----
<input checked="" type="checkbox"/> Daily	<input checked="" type="checkbox"/> Paper	ID: -----	Lines per page
----- Weekly	----- Preprinted	Type: -----	Avg: -----
----- Bi-Weekly	----- Other	Size: -----	Max: -----
----- Semi-Monthly	-----	# of Plys: -----	Pages per report
----- Monthly	-----		Avg: -----
----- Quarterly	-----		Max: -----
----- On Request	-----		
----- Other -----	-----		

Distribution:

<u>Area or Job Title</u>	<u>Location</u> -----	<u>Copies</u> -----	<u>Page Break/Total</u>
Central Site		one (1)	Status-Change-Date

Sequence: Major: Status-Change-Date
Minor: Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for the specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 79, Construction Date f.c.: 10 September 198
Function: Date l.u.: 10 September 198
Report ID: ECFR570 Phase: 2
Report Name: Contribution Collection Report
Description:

This report provides an annual summary of Stamp Receipt collection activity for the Coverage Database. This report is produced for the Treasury.

Production:

<u>Frequency</u> -----	<u>Medium</u> -----	<u>Forms</u> -----	<u>Volume</u> -----
---- Daily	<input checked="" type="checkbox"/> Paper	ID: ----	Lines per page
---- Weekly	---- Preprinted	Type: ----	Avg: ----
	Form		
---- Bi-Weekly	---- Other	Size: ----	Max:
---- Semi-Monthly	-----	# of Plys: ----	Pages per report
---- Monthly			Avg:
---- Quarterly			Max:
---- On Request			
<input checked="" type="checkbox"/> Other <u>Annual</u>	-----		

Distribution:

<u>Area or Job Title</u>	<u>Location</u> ----	<u>Copies</u> ----	<u>Page Break/Total</u>
Central Site		one (1)	Status-Change-Date

Sequence: Major:
 Minor:

Comments: