

PA-AI-7-1633

Arab Republic of Egypt, Ministry of Social Insurance

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

**Law 50 Coverage
Detailed System Design**

October 1984

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

COVERAGE SUBSYSTEM
LAW 50
DETAIL DESIGN DOCUMENT
TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
I. SUBSYSTEM OVERVIEW	
II. SUBSYSTEM FLOW AND STRUCTURE	
III. PROGRAM DESCRIPTIONS	
ECAP010 - COVERAGE APPLICATION	
ECAP020 - COVERAGE CHANGES	
ECAP030 - COVERAGE TERMINATION	
ECAP040 - PURCHASE PERIODS	
ECAP100 - AUDITOR PROCESSING DRIVER	
ECAP110 - AUDIT COVERAGE APPLICATION	
ECAP120 - AUDIT COVERAGE CHANGE	
ECAP130 - AUDIT COVERAGE TERMINATION	
ECAP140 - AUDIT PURCHASE PERIODS	
ECAP150 - AUDIT UPGRADE PERIODS	
ECAP210 - INSPECTION PROCESSING	
ECAP220 - INSPECTION RESULTS	
ECAP310 - QUERY BY SIN	
ECAP410 - BATCH INPUT TRANSACTION PROCESSING	
ECAP420 - ARCHIVE COVERAGE TRANSACTIONS	
ECAP510 - ELIGIBILITY REPORT	
ECAP520 - TERMINATION REPORT	
ECAP530 - DAILY TRANSACTION REPORT	
ECAP540 - LOCAL OFFICE REPORT	
IV. INPUT DOCUMENTS	
COVERAGE APPLICATION FORM	
COVERAGE APPLICATION CHANGE FORM	
COVERAGE TERMINATION FORM	
PURCHASE PERIOD APPLICATION FORM	
COVERAGE UPGRADE APPLICATION FORM	
V. SCREENS	
COVERAGE FUNCTIONS	
COVERAGE APPLICATION	
COVERAGE APPLICATION CHANGE	
COVERAGE TERMINATION	
PURCHASE PERIOD APPLICATION	
AUDIT COVERAGE APPLICATION	

COVERAGE SUBSYSTEM
LAW 50
DETAIL DESIGN DOCUMENT
TABLE OF CONTENTS

SECTION

PAGE

AUDIT COVERAGE APPLICATION CHANGE
AUDIT COVERAGE TERMINATION
AUDIT PURCHASE PERIOD APPLICATION
INSPECTION RESULTS
INSPECTION ASSIGNMENT

VI. REPORTS

ELIGIBILITY REPORT
TERMINATION REPORT
DAILY TRANSACTION REPORT
LOCAL OFFICE REPORT
INSPECTION REPORT

LAW 50

The Law 50 Coverage Subsystem establishes initial enrollment and eligibility for coverage of individuals working abroad. Under Law 50 the individual is eligible for Old Age, Death and Disability only. The contribution for this coverage is 22.5% of the insured's declared monthly income. The insured is responsible for payment of contributions and any installment or loan payments. The system will calculate the contribution amount and post it to the Billing Data Base. This provides The Accounting System with a source of information for the monthly invoice cycle.

An individual will go through the following steps during his period of social insurance coverage under law 50:

A. Enrollment

When an individual applies for coverage under law 50, his coverage application data (form 1) is checked against Law 50 eligibility criteria. If he is eligible for coverage under the 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 50 Coverage Database. At the same time contributions are determined and posted to the Billing Database.

B. Changes

After the individual has been enrolled, he may at any time request a change to his coverage status. Upon receipt, his application change (form 173) is processed by the data entry clerk and passed on to the auditor. After the auditor's approval, the Coverage and Billing Databases will be updated to reflect the changes.

The individual can request changes in income (salary), address, job occupation, etc. Although these changes are common, an individual has to submit a change application form, since the change to his coverage status affects his contribution calculations.

C. Termination

Upon an individual's retirement, death or transfer to another social insurance law, his coverage under Law 50 is terminated. A termination form (form 6) must be submitted to accomplish the termination.

Each month the covered individuals continuing eligibility is assessed. Notifications of qualification for voluntary termination (e.g. early retirement) and/or mandatory termination (e.g. attaining retirement age with adequate coverage) will be issued.

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 activity. The following is a list of the identified "users" of this Coverage Subsystem:

- Data Entry Clerk - responsible for accurate data entry and edit of coverage applications. All initial transactions must be entered into the subsystem by the Data Entry Clerk
- Auditor - responsible for the manual and automated verification of the integrity of the application data. Only the Auditor is allowed to cause the Coverage Database to be updated.
- Inspector - may be assigned by the Auditor to collect information for the verification of the integrity of the application data. The inspectors findings must be returned to the auditor for resolution.

Major functions of the subsystem include:

- Check eligibility for the applicant
- Calculate the contribution amount for the covered individual
- Update the INDIVIDUAL, COVERAGE and BILLING databases with initial and changed data for covered individuals
- Terminate coverage and summarize the period covered
- Notify insured individuals of change in coverage status or salary
- Purchase prior uncovered periods

The following table is to be used to validate transactions, determine eligibility and calculate contributions.

PERIOD STATUS CODE TABLE

LAW 50

VALID CODES AND COMBINATIONS:

JOB CATEGORY CODE: 0

VALID PERIOD STATUS CODES FOR:

10,26,41-43,93

PERIOD STATUS CODES ELIGIBLE FOR:

OLD AGE DISABILITY AND DEATH:

10

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:

ECAP010 - 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.

ECAP020 - Coverage Change Data Entry

The Coverage Change Data Entry Program displays current coverage data to the data entry operator, validates modified data entered from Form 173, Coverage Application Change, verifies coverage, and generates Coverage Transaction Data Base segments for use by the Auditor during the Auditor Processing functions.

ECAP030 - 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.

ECAP040 - Purchase Periods Data Entry

The Purchase Periods Data Entry Program will validate screen entered purchase data derived from the Purchase Period Application, check applicants' purchase eligibility, identify uncovered periods eligible for purchase, establish loan eligibility, and generate Coverage Transaction Data Base segments for use in Auditor Processing.

AUDITOR PROCESSING

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

ECAP100 - 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 (ECAP110 through ECAP140) to audit the transaction, and transfers control to the selected module.

ECAP110 - 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, Coverage, and Billing 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.

ECAP120 - Audit Coverage Change

This program retrieves Coverage Change Form data stored on the Coverage Transaction Data Base and displays it to the Auditor. Following his/her 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, contributions are calculated as indicated on the appropriate Coverage Schedule and pertinent Individual, Coverage, and Billing 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.

ECAP130 - 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, Coverage, and Billing Data Bases.

ECAP140 - Audit Purchase Periods

This program will display the latest version of the selected Purchase Periods transaction on the Auditor's screen, enable the Auditor to approve, reject, or modify the transaction, or place the transaction on hold or inspection status. If the Auditor modifies the transaction, the program will edit the transaction, check the applicant's purchase eligibility, identify periods eligible for purchase, and determine applicant loan eligibility. If the Auditor approves the transaction, the program will apply all appropriate updates to the Coverage, Individual, and Billing Data Bases. New versions of all transactions will be generated to indicate their after Audit status.

INSPECTOR PROCESSING

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

ECAP210 - 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.

ECAP220 - 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 Employer and Employee data inquiry facilities through the following two programs:

ECAP310 - Inquiry by SIN

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

BATCH PROCESSING

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

ECAP410 - Batch Transaction Processing

The Batch 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.

ECAP420 - 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:

ECAP510 - 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.

ECAP520 - 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.

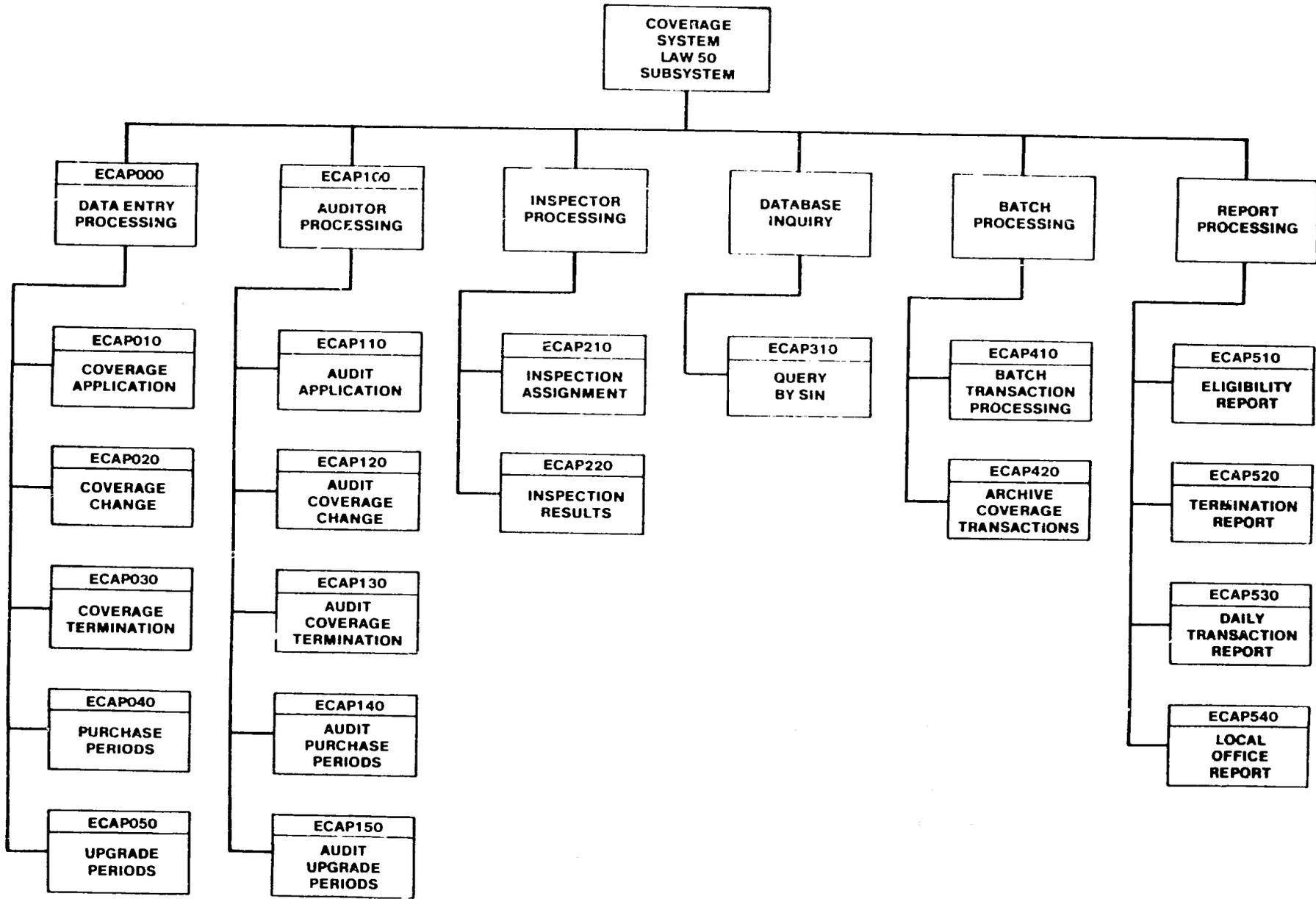
ECAP530 - Daily Transaction Report

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, 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 Daily Transaction Report.

ECAP540 - Local Office Report

The Local Office 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 each local office.

LAW 50 COVERAGE SUBSYSTEM STRUCTURE



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, Coverage and Billing 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.

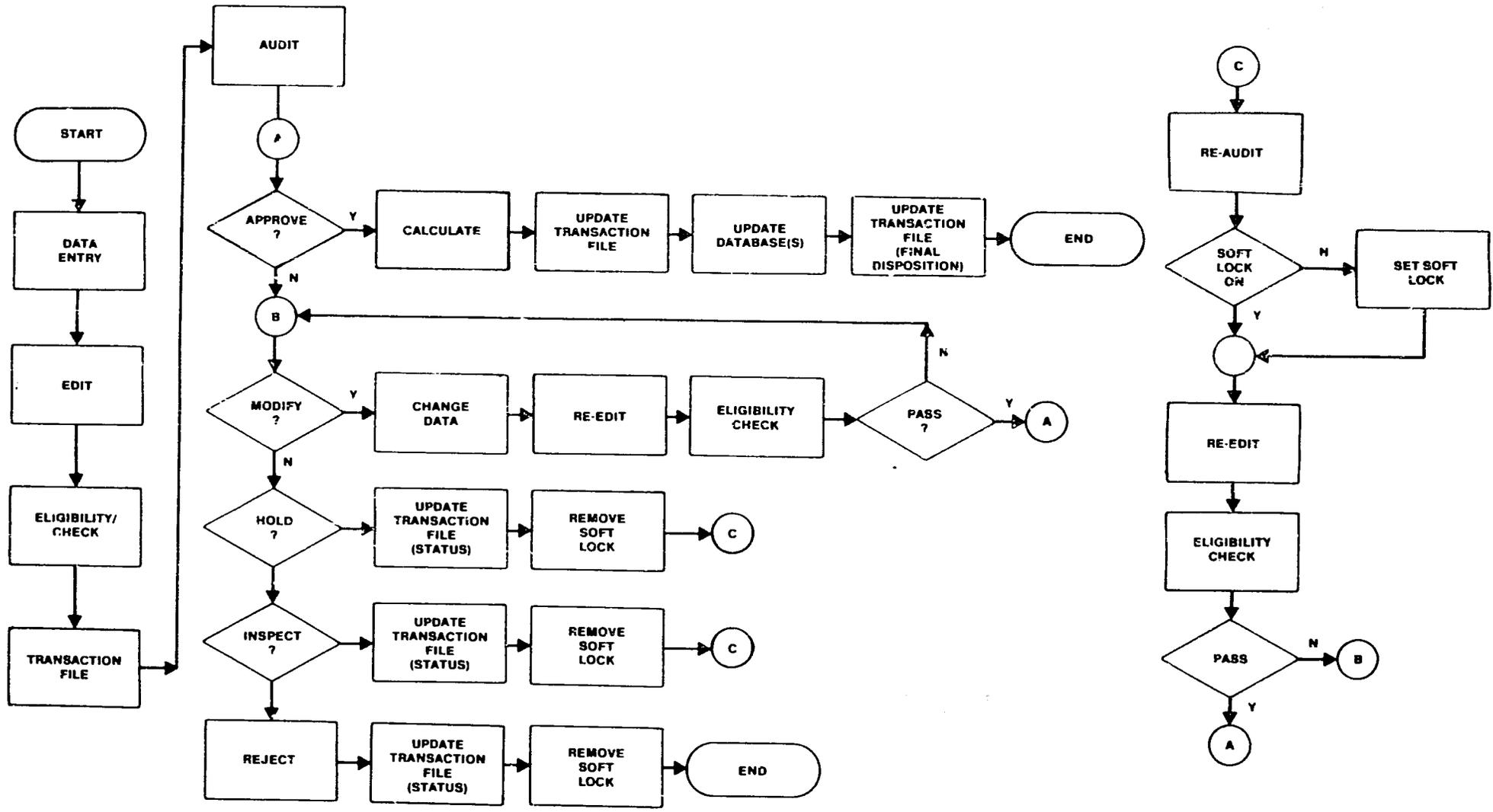
The Inspector Processing function is an adjunct to Auditor Processing which allows the removal of a transaction from the main subsystem flow for a period of time to permit a comprehensive review of the transaction or to await additional or supporting information.

The Data Base Inquiry function provides the user with screen displays of requested Employee and Employer 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.

LAW 50 COVERAGE SUBSYSTEM LOGICAL FLOW

15



PROGRAM DESCRIPTION FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 Aug 1984
Function: Data Entry Processing Phase: 2
Program: ECAP010, Coverage Application
CICS Trans ID: A010
Author: SAK/MJO

Description:

The Coverage Application Entry/Edit Program will first ensure that all variables entered on the Coverage Application Screen from Form No. 1 are valid. For coded variables the code description will be retrieved from the appropriate table and displayed in the output screen. The applicant is then checked for eligibility according to the rules defined in the Schedule of Coverage for Law 50.

During the edit and eligibility checking process, highlighted fields and accompanying error messages will be presented to the terminal user. Program status checking will keep the program within the edit and eligibility routines until all errors are cleared, or until the operator indicates that the current application process is to be cancelled.

Completed transactions will be written to the Coverage Transaction File for audit processing and subsequent update processing. The transaction identifier assigned to the application will be displayed on the screen so that it may be noted on the application form for later retrieval.

INPUT:

Files: Tables, Control Data Bases

Screens: Coverage Application Screen

Note: Individual and Coverage Data Base Segments are passed to this program via the COMMAREA

OUTPUT:

File: Coverage Transaction File record

INTERFACE:

Invoked by: EC0P050 Coverage System Driver Program

Transfers to: EC0P050 Coverage System Driver Program

Standard Modules:

 DATECEI - Convert external date to internal format

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4.1 PROCESS CONTROL

IF COM-PASSWORD = Data Entry password AND COM-PANEL NOT
EQUAL 'EC3S01 '

MOVE map name (EC3S01) to COM-PANEL

MOVE map set name (EC3S000S) to COM-PANEL-SET

MOVE program transaction ID (A010) to COM-TRAN-ID

MOVE operator message to MAP-MSG-LINE1

PERFORM 7000-SEND-INITIAL-MAPS

ENDIF

IF COM-PASSWORD = Data Entry password AND COM-PANEL EQUALS
"EC3S01 "

IF COM-EDIT-SW = 1

PERFORM 2000-PROCESS-TRANSACTION

ELSE

PERFORM 1000-EDIT-INPUT

PERFORM 1100-COMPUTE-VARIABLES

PERFORM 1200-CHECK-ELIGIBILITY

ENDIF

ENDIF

IF COM-PASSWRD NOT EQUAL DATA ENTRY PASSWORD

MOVE OPERATOR WARNING MESSAGE TO MSG-LINE

EXEC CICS SEND

FROM (MSG-LINE)

LENGTH (79)

ERASE

END-EXEC

MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID

```

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

ENDIF

PERFORM 1400-PROCESS-TRANSACTION.

1000-EDIT-INPUT SECTION

IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-OCCUP-CODE-CHECK
    IF OCCUPATION-CODE VALID
        MOVE OCCUPATION-CODE TO COM-CT-OCCUPATION-CODE
    ELSE
        MOVE CURSOR TO OCCUPATION-CODE LENGTH
        SET OCCUPATION-CODE ATTRIBUTE BYTE
        PERFORM 3000-FSET
    ENDIF
ELSE
    MOVE CURSOR TO OCCUPATION-CODE LENGTH
    SET OCCUPATION-CODE ATTRIBUTE BYTE
    MOVE 'OCCUPATION-CODE IS MANDATORY ITEM' TO MSG-
    LINE2
    PERFORM 3000-FSET
ENDIF

IF APPLICATION-DATE LENGTH GREATER THAN ZERO
    IF APPLICATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE APPLICATION-DATE TO COM-CT-APPLICATION-DATE
    ELSE

```

```

        MOVE CURSOR TO APPLICATION-DATE LENGTH
        SET APPLICATION-DATE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ELSE
        MOVE CURSOR TO APPLICATION-DATE LENGTH
        SET APPLICATION-DATE ATTRIBUTE
        MOVE "APPLICATION DATE IS A MANDATORY DATA ITEM"
            TO MSG-LINE2
        PERFORM 3000-FSET
    ENDIF
IF OCCUPATION-DATE LENGTH GREATER THAN ZERO
    IF OCCUPATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE OCCUPATION-DATE TO COM-CT-OCCUPATION-DATE
    ELSE
        MOVE CURSOR TO OCCUPATION-DATE LENGTH
        SET OCCUPATION-DATE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ELSE
        MOVE CURSOR TO OCCUPATION-DATE LENGTH
        SET OCCUPATION-DATE ATTRIBUTE
        MOVE "OCCUPATION DATE IS A MANDATORY DATA ITEM"
            TO MSG-LINE2
        PERFORM 3000-FSET
    ENDIF
IF MONTHLY-SALARY LENGTH GREATER THAN ZERO

```

```

IF MONTHLY-SALARY NUMERIC AND GREATER THAN ZERO
    MOVE MONTHLY-SALARY TO COM-CT-MONTHLY-SALARY
ELSE
    MOVE CURSOR TO MONTHLY-SALARY LENGTH
    SET MONTHLY-SALARY ATTRIBUTE
    PERFORM 3000-FSET
ENDIF

ELSE

    MOVE CURSOR TO MONTHLY-SALARY LENGTH
    SET MONTHLY-SALARY ATTRIBUTE
    MOVE "SALARY IS A MANDATORY DATA ITEM" TO MSG-LINE2
    PERFORM 3000-FSET

ENDIF

IF INCENTIVE LENGTH GREATER THAN ZERO
    IF INCENTIVE NUMERIC AND NOT LESS THAN ZERO
        MOVE INCENTIVE TO COM-CT-INCENTIVE
    ELSE
        MOVE CURSOR TO INCENTIVE LENGTH
        SET INCENTIVE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ELSE
    MOVE CURSOR TO INCENTIVE LENGTH
    SET INCENTIVE ATTRIBUTE
    MOVE "INCENTIVE IS A MANDATORY DATA ITEM"
        TO MSG-LINE2
ENDIF

IF CONTRIBUTION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-CONTRIB-CHECK

```

```

IF CONTRIBUTION-CODE VALID
    MOVE CONTRIBUTION-CODE TO COM-CT-CONTRIBUTION-CODE
ELSE
    MOVE CURSOR TO CONTRIBUTION-CODE LENGTH
    SET CONTRIBUTION-CODE ATTRIBUTE BYTE
    PERFORM 3000-FSET
ENDIF
ELSE
    MOVE CURSOR TO CONTRIBUTION-CODE LENGTH
    SET CONTRIBUTION-CODE ATTRIBUTE BYTE
    MOVE `CONTRIBUTION CODE IS MANDATORY ITEM' TO MSG-
    LINE2
    PERFORM 3000-FSET
ENDIF
ENDIF
1100-COMPUTE-VARIABLES SECTION
    SUBTRACT DATE-OF-BIRTH FROM APPLICATION-DATE GIVING
        APPLICANT-AGE
    IF COMMAREA COVERAGE SEGMENTS NOT EQUAL TO SPACES
        CALCULATE LENGTH-OF-CURRENT-PERIOD
        ADD LENGTH-OF-CURRENT-PERIOD, CUMULATIVE-MONTHS GIVING
            COVERED-PERIODS
    ELSE
        SET COVERED-PERIODS TO ZERO
    ENDIF
    MOVE COVERED-PERIODS TO COM-CT-COVERED-PERIODS
    ADD 60, DATE-OF-BIRTH GIVING RETIREMENT-DATE

```

1200-CHECK-ELIGIBILITY SECTION

DETERMINE COVERAGE FROM COVERAGE SCHEDULE

1400-PROCESS-TRANSACTION SECTION

MOVE 'A' TO COM-CT-TRANSACTION-TYPE

MOVE '21' TO COM-CT-STATUS-CODE

MOVE CURRENT DATE TO WS-HOLD-DATE

CALL 'DATECEI' USING WS-HOLD-DATE, CONVERTED-DATE

MOVE CONVERTED-DATE TO INITIAL ENTRY DATE DATE ADDED

MOVE COM-PANEL TO COM-CT-COM-PANEL

MOVE '9999' TO RECORD COUNT

MOVE COM-OPER-SIN TO APPROVED BY ISIN

MOVE 1 TO COM-EDIT-SW

MOVE INSTRUCTIONAL MESSAGE PROMPT TO MSG-LINE1

MOVE 'A010' COM-TRANSID

MOVE 'ECAP010' TO COM-DESTIN-PROG
COM-ORIGIN-PROG

PERFORM 4800-RESEND-MAP

2000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES UPDATE NOT COMPLETE

MOVE TRANSACTION NUMBER TO COM-COVERAGE-
TRANSACTION-NUMBER

MOVE '22' TO COM-STATUS-CODE

INSERT COM-COVERAGE-TRANSACTION-RECORD TO
COVERAGE-TRANSACTION DATABASE

ENDIF

IF PF KEY DENOTES UPDATE COMPLETE

MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANSACTION-
NUMBER

```

        MOVE '25' TO COM-STATUS-CODE
        INSERT COM-COVERAGE-TRANSACTION-RECORD TO
        COVERAGE-TRANSACTION DATABASE
    ENDIF

    IF PF KEY DENOTES CANCEL

        MOVE TRANSACTON NUMBER TO COM-COVERAGE-TRANSACTION-
        NUMBER

        MOVE '98' TO COM-STATUS-CODE

        INSERT COM-COVERAGE-TRANSACTION-RECORD TO
        COVERAGE-TRANSACTION DATABASE

        MOVE DATA ENTRY DRIVER PROGRAM NAME TO COM-DESTIN-PROG
    ENDIF

    PERFORM 4900-XCTL

3000-FSET SECTION

    EXEC CICS SEND

        MAPSET (COM-PANEL-SET)

        MAP (COM-PANEL)

        FREEKB

        ERASE

        FSET

        CURSOR

        END-EXEC

        PERFORM 7000-BASIC RETURN

4000-OCCUP-CODE-CHECK SECTION

    MOVE OCCUPATION-CODE-PREFIX TO TABLE-KEY-PREFIX

    MOVE OCCUPATION-CODE TO TABLE-KEY-VALUE

    GET TABLES DATABASE RECORD

        IF FOUND

```

MOVE TABLE-DESCRIPTION TO OCCUPATION-DESCRIPTION
OUTPUT FIELD

ELSE

FAIL EDIT

ENDIF

4000-CONTRIB-CHECK SECTION

MOVE CONTRIBUTION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE CONTRIBUTION-CODE TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

PASS EDIT

ELSE

FAIL EDIT

ENDIF

4800-RESEND-MAP SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSORS

END-EXEC

PERFORM 7000-BASIC-RETURN

4900-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

7000-SEND-INITIAL-MAPS SECTION

```
MOVE COMMAREA REGION-CODE TO MAP
MOVE COMMAREA REGION-DESCRIPTION TO MAP
MOVE COMMAREA LOCAL-OFFICE-CODE TO MAP
MOVE COMMAREA LOCAL-OFFICE-DESCRIPTION TO MAP
MOVE COMMAREA UNIT-CODE TO MAP
MOVE COMMAREA UNIT-DESCRIPTION TO MAP
MOVE COMMAREA SIN TO MAP
MOVE COMMAREA NAME TO MAP
MOVE COMMAREA ADDRESS TO MAP
MOVE COMMAREA POLICE-GOVERNATE TO MAP
MOVE COMMAREA GOVERNATE-NAME TO MAP
MOVE COMMAREA POLICE-STATION TO MAP
MOVE COMMAREA POLICE-STATION-NAME TO MAP
MOVE COMMAREA POLICE-UNIT TO MAP
MOVE COMMAREA POLICE-UNIT-NAME TO MAP
GET CONTROL SEGMENT
IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
    MOVE 'CONTROL DB ERROR - NOTIFY MANAGER' TO MSG-LINE2
    PERFORM 3000-FSET
ENDIF
MOVE NEXT-COVERAGE-TRANSACTION-NUMBER TO MAP
ADD 1 TO NEXT-COVERAGE-TRANSACTION-NUMBER
REWRITE CONTROL SEGMENT
IF RETURN CODE INDICATES 'REWRITE NOT SUCCESSFUL'
    MOVE 'ERROR REWRITING CONTROL DB SEGMENT' TO MSG-LINE2
    PERFORM 3000-FSET
```

ENDIF

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 7000-BASIC-RETURN

7000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 July 1984
Function: Data Entry Processing Phase: 2
Program: ECAP020, Coverage Changes
CICS Trans ID: A020
Author: SAK/MJO

Description:

The Coverage Application Edit/Eligibility Check Program will first ensure that all variables entered on the Coverage Application Screen from Form No. 173 are valid. For coded variables the code description will be retrieved from the appropriate table and displayed on the output screen. The applicant is then checked for eligibility according to the rules defined in the Schedule of Coverage for Law 50.

During the edit and eligibility checking process, highlighted errors and accompanying error messages will be presented to the terminal user. Program status checking will keep the program within the edit/eligibility routines until all errors are cleared, or until the operator indicates that the current application process is to be cancelled.

Completed transactions will be written to the Coverage Transaction File for audit processing and subsequent database update processing. The transaction identifier obtained from the control database will be displayed on the screen so that the terminal operator may annotate the number on the coverage change form for later transaction retrieval.

INPUT:

Files: Coverage, Tables, Control Data Bases

Screens: Coverage Change

OUTPUT:

Files: Transaction File Record

Screens: Coverage Change

Note: The Individual record, Coverage Root segment and

Current Coverage Period segment are passed to this program via the COMMAREA

INTERFACE:

Invoked by: ECOP050 Coverage System Driver

Transfers to: ECOP050 Coverage System Driver

Standard Modules:

DATECEI - Converts external dates to internal storage format

INSERT I/O DIAGRAM

4.1 PROCESS CONTROL

```
IF COM-PASSWORD = Data Entry password AND COM-PANEL NOT
EQUAL 'EC3S01A'
    MOVE map name (EC3S01A) to COM-PANEL
    MOVE map set name (EC3S000S) to COM-PANEL-SET
    MOVE program transaction ID (A020) to COM-TRAN-ID
    MOVE operator message to MAP-MSG-LINE1
    PERFORM 0100-LOAD-INIT-SCREENS
    PERFORM 7000-SEND-INITIAL-MAPS
ENDIF
IF COM-PASSWORD = Data Entry password AND COM-PANEL EQUALS
"EC3S01A"
    IF COM-EDIT-SW = 1
        PERFORM 2000-PROCESS-TRANSACTION
    ELSE
        PERFORM 1000-EDIT-INPUT
        PERFORM 1100-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
    ENDIF
ENDIF
IF COM-PASSWRD NOT EQUAL DATA ENTRY PASSWORD
    MOVE OPERATOR WARNING MESSAGE TO MSG-LINE
EXEC CICS SEND
FROM (MSG-LINE)
LENGTH (79)
ERASE
END-EXEC
```

```

MOVE COVERAGE DRIVE: TRANSACTION ID TO COM-TRAN-ID
EXEC CICS RETURN
    TRANSID (COM-TRAN-ID)
    COMMAREA (DFHCOMMAREA-W)
    LENGTH (COM-LENGTH)
    END-EXEC
ENDIF

PERFORM 1400-PROCESS-TRANSACTION.

0100-LOAD-INIT-SCREEN SECTION

MOVE COMMAREA REGION-CODE TO MAP
MOVE COMMAREA REGION-DESCRIPTION TO MAP
MOVE COMMAREA LOCAL-OFFICE-CODE TO MAP
MOVE COMMAREA LOCAL-OFFICE-DESCRIPTION TO MAP
MOVE COMMAREA UNIT-CODE TO MAP
MOVE COMMAREA UNIT-DESCRIPTION TO MAP
MOVE COMMAREA SIN TO MAP
MOVE COMMAREA NAME TO MAP
MOVE COMMAREA ADDRESS TO MAP
MOVE COMMAREA POLICE-GOVERNATE TO MAP
MOVE COMMAREA GOVERNATE-NAME TO MAP
MOVE COMMAREA POLICE-STATION TO MAP
MOVE COMMAREA POLICE-STATION-NAME TO MAP
MOVE COMMAREA POLICE-UNIT TO MAP
MOVE COMMAREA POLICE-UNIT-NAME TO MAP
GET CONTROL SEGMENT
IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
    MOVE CURSOR TO TRANSACTION-NUMBER
    SET TRANSACTION-NUMBER ATTRIBUTE BYTE

```

```

        MOVE 'CONTROL DB ERROR - NOTIFY MANAGER' TO MSG-LINE2
        PERFORM 7000-SEND-INITIAL-MAPS
    ENDIF
    MOVE NEXT-COVERAGE-TRANSACTION-NUMBER TO MAP
    ADD 1 TO NEXT-COVERAGE-TRANSACTION-NUMBER
    REWRITE CONTROL SEGMENT
    IF RETURN CODE INDICATES 'REWRITE NOT SUCCESSFUL'
        MOVE CURSOR TO TRANSACTION-NUMBER
        SET TRANSACTION-NUMBER ATTRIBUTE BYTE
        MOVE 'ERROR REWRITING CONTROL DB SEGMENT' TO MSG-LINE2
        PERFORM 7000-SEND-INITIAL-MAPS
    ENDIF
    MOVE COMMAREA CONTRIBUTION-CODE TO CONTRIBUTION-CODE OF MAP
    MOVE COMMAREA PERIOD-START-DATE TO OCCUPATION-DATE OF MAP
    GET SALARY SEGMENT
    IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
        MOVE ZERO TO MONTHLY-SALARY OF MAP
    ELSE
        MOVE MONTHLY-SALARY TO MAP
    ENDIF
    GET INCENTIVE SEGMENT
    IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
        MOVE ZERO TO INCENTIVE OF MAP
    ELSE
        MOVE AVERAGE-MONTHLY-INCENTIVE-AMT TO MAP
    ENDIF
    PERFORM 4000-OCCUP-CODE-CHECK

```

```

GET WORK EXTENSION SEGMENT
IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
    MOVE 60 TO RETIREMENT-AGE OF MAP
    MOVE ZERO TO DECREE-NUMBER OF MAP
        WORK-EXTENSION-MONTHS OF MAP
    MOVE SPACES TO WORK-EXTENSION-DATE
ELSE
    CALCULATE RETIREMENT-AGE OF MAP AS
        60 + WORK-EXT-MONTHS / 12
    MOVE DECREE-NUMBER TO MAP
    MOVE WORK-EXT-MONTHS TO MAP
    MOVE WORK-EXT-DATE TO MAP
ENDIF
PERFORM 7000-SEND-INITIAL-MAPS

1000-EDIT-INPUT SECTION
IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-OCCUP-CODE-CHECK
    IF OCCUPATION-CODE VALID
        MOVE OCCUPATION-CODE TO COM-CT-OCCUPATION-CODE
    ELSE
        MOVE CURSOR TO OCCUPATION-CODE LENGTH
        SET OCCUPATION-CODE ATTRIBUTE BYTE
        PERFORM 3000-FSET
ENDIF
IF APPLICATION-DATE LENGTH GREATER THAN ZERO
    IF APPLICATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE APPLICATION-DATE TO COM-CT-APPLICATION-DATE

```

```

ELSE
    MOVE CURSOR TO APPLICATION-DATE LENGTH
    SET APPLICATION-DATE ATTRIBUTE
    PERFORM 3000-FSET
ENDIF
IF OCCUPATION-DATE LENGTH GREATER THAN ZERO
    IF OCCUPATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE OCCUPATION-DATE TO COM-CT-OCCUPATION-DATE
    ELSE
        MOVE CURSOR TO OCCUPATION-DATE LENGTH
        SET OCCUPATION-DATE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF MONTHLY-SALARY LENGTH GREATER THAN ZERO
    IF MONTHLY-SALARY NUMERIC AND GREATER THAN ZERO
        MOVE MONTHLY-SALARY TO COM-CT-MONTHLY-SALARY
    ELSE
        MOVE CURSOR TO MONTHLY-SALARY LENGTH
        SET MONTHLY-SALARY ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF INCENTIVE LENGTH GREATER THAN ZERO
    IF INCENTIVE NUMERIC AND NOT LESS THAN ZERO
        MOVE INCENTIVE TO COM-CT-INCENTIVE
    ELSE
        MOVE CURSOR TO INCENTIVE LENGTH
        SET INCENTIVE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF

```

```

ENDIF
IF CONTRIBUTION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-CONTRIB-CHECK
    IF CONTRIBUTION-CODE VALID
        MOVE CONTRIBUTION-CODE TO COM-CT-CONTRIBUTION-CODE
    ELSE
        MOVE CURSOR TO CONTRIBUTION-CODE LENGTH
        SET CONTRIBUTION-CODE ATTRIBUTE BYTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF RETIREMENT-AGE LENGTH GREATER THAN ZERO
    IF RETIREMENT-AGE NUMERIC AND GREATER THAN 59
        MOVE RETIREMENT-AGE TO COM-CT-RETIREMENT-AGE
    ELSE
        MOVE CURSOR TO RETIREMENT-AGE LENGTH
        SET RETIREMENT-AGE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF WORK-EXTENSION-DECREE-NUMBER LENGTH GREATER THAN ZERO
    IF WORK-EXTENSION-DECREE-NUMBER NUMERIC
        MOVE WORK-EXTENSION-DECREE-NUMBER TO COM-CT-
            WORK-EXTENSION-DECREE-NUMBER
    ELSE
        MOVE CURSOR TO WORK-EXTENSION-DECREE-NUMBER LENGTH
        SET WORK-EXTENSION-DECREE-NUMBER ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF

```

IF WORK-EXTENSION-DATE LENGTH GREATER THAN ZERO

IF WORK-EXTENSION-DATE NOT GREATER THAN CURRENT-DATE

MOVE WORK-EXTENSION-DATE TO COM-CT-WORK-EXTENSION-
DATE

ELSE

MOVE CURSOR TO WORK-EXTENSION-DATE LENGTH

SET WORK-EXTENSION-DATE ATTRIBUTE

PERFORM 3000-FSET

ENDIF

IF PERIOD-OF-EXTENSION LENGTH GREATER THAN ZERO

IF PERIOD-OF-EXTENSION NUMERIC

MOVE PERIOD-OF-EXTENSION TO COM-CT-PERIOD-OF--
EXTENSION

ELSE

MOVE CURSOR TO PERIOD-OF-EXTENSION LENGTH

SET PERIOD-OF-EXTENSION ATTRIBUTE

PERFORM 3000-FSET

ENDIF

1100-COMPUTE-VARIABLES SECTION

SUBTRACT DATE-OF-BIRTH FROM APPLICATION-DATE GIVING
APPLICANT-AGE

CALCULATE CURRENT-PERIOD-COVERAGE

ADD CURRENT-PERIOD-COVERAGE, CUMULATIVE-MONTHS GIVING
COVERED-PERIODS

MOVE COVERED-PERIODS TO COM-CT-COVERED-PERIODS

ADD RETIREMENT-AGE, DATE-OF-BIRTH GIVING RETIREMENT-DATE

1200-CHECK-ELIGIBILITY SECTION

DETERMINE ELIGIBILITY ACCORDING TO COVERAGE SCHEDULE

1400-PROCESS-TRANSACTION SECTION

MOVE 'C' TO COM-CT-TRANSACTION-TYPE
MOVE '21' TO COM-CT-STATUS-CODE
MOVE CURRENT DATE TO WS-HOLD-DATE
CALL 'DATECEI' USING WS-HOLD-DATE, CONVERTED-DATE
MOVE CONVERTED DATE TO INITIAL ENTRY DATE DATE ADDED
MOVE COM-PANEL TO COM-CT-COM-PANEL
MOVE '9999' TO RECORD COUNT
MOVE COM-OPER-SIN TO APPROVED BY ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTIONAL MESSAGE PROMPT TO MSG-LINE1
MOVE 'A020' COM-TRANSID
MOVE 'ECAP020' TO COM-DESTIN-PROG
COM-ORIGIN-PROG
PERFORM 4800-RESEND-MAP

2000-PROCESS-TRANSACTION SECTION

IF PF KEY DENOTES UPDATE NOT COMPLETE
MOVE TRANSACTION NUMBER TO COM-COVERAGE-
TRANSACTION-NUMBER
MOVE '22' TO COM-STATUS-CODE
INSERT COM-COVERAGE-TRANSACTION-RECORD TO
COVERAGE-TRANSACTION DATABASE
ENDIF
IF PF KEY DENOTES UPDATE COMPLETE
MOVE TRANSACTON NUMBER TO COM-COVERAGE-TRANSACTION-
NUMBER
MOVE '25' TO COM-STATUS-CODE
INSERT COM-COVERAGE-TRANSACTION-RECORD TO

COVERAGE-TRANSACTION DATABASE

ENDIF

IF PF KEY DENOTES CANCEL

MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANSACTION-
NUMBER

MOVE '98' TO COM-STATUS-CODE

INSERT COM-COVERAGE-TRANSACTION-RECORD TO
COVERAGE-TRANSACTION DATABASE

MOVE DATA ENTRY DRIVER PROGRAM NAME TO COM-DESTIN-PROG

PERFORM 4900-XCTL

3000-FSET SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

FSET

CURSOR

END-EXEC

PERFORM 7000-BASIC RETURN

4000-OCCUP-CODE-CHECK SECTION

MOVE OCCUPATION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE OCCUPATION-CODE TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

MOVE TABLE-DESCRIPTION TO OCCUPATION-DESCRIPTION
OUTPUT FIELD

ELSE

FAIL EDIT

ENDIF

4000-CONTRIB-CHECK SECTION

MOVE CONTRIBUTION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE CONTRIBUTION-CODE TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

PASS EDIT

ELSE

FAIL EDIT

ENDIF

4800-RESEND-MAP SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

F'REEKB

CURSOR

END-EXEC

PERFORM 7000-BASIC-RETURN

4900-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

7000-SEND-INITIAL-MAPS SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 7000-BASIC-RETURN

7000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 July 1984
Function: Data Entry Processing Phase: 2
Program: ECAP030, Coverage Termination
CICS Trans ID: A030
Author: SAK/MJO

Description:

The Coverage Termination Program is used to terminate the current contribution period and record that contribution period in the contribution summary portion of the Billing Database. 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.

INPUT:

Files: Control, Tables Data Bases

Screens: Coverage Termination

OUTPUT:

Transaction record for Individual, Coverage and Billing
Database updates

INTERFACE:

Invoked by: EC0P050 Coverage System Driver

Transfers to: EC0P050 Coverage System Driver

Standard Modules:

INSERT I/O DIAGRAM

4.1 PROCESS CONTROL

```
IF COM-PASSWORD = Data Entry password AND COM-PANEL NOT
EQUAL 'EC3S02 '
    MOVE map name (EC3S02 ) TO COM-PANEL
    MOVE map set name (EC3S000S) TO COM-PANEL-SET
    MOVE program transaction ID (A030) TO COM-TRAN-ID
    MOVE operator message TO MAP-MSG-LINE1
    PERFORM 7000-SEND-INITIAL-MAPS
ENDIF
IF COM-PASSWORD = Data Entry password AND COM-PANEL EQUALS
    "EC3S02 "
    IF COM-EDIT-SW = 1
        PERFORM 2000-PROCESS-TRANSACTION
    ELSE
        PERFORM 1000-EDIT-INPUT
        PERFORM 1100-VERIFY-COVERAGE
    ENDIF
    IF COM-PASSWRD NOT EQUAL DATA ENTRY PASSWORD
        MOVE OPERATOR WARNING MESSAGE TO MSG-LINE
    EXEC CICS SEND
    FROM (MSG-LINE)
    LENGTH (79)
    ERASE
    END-EXEC
    MOVE COVERAGE DRIVER TRANSACTION ID TO COM-TRAN-ID
    EXEC CICS RETURN
    TRANSID (COM-TRAN-ID)
```

```

      COMMAREA (DFHCOMMAREA-W)
      LENGTH (COM-LENGTH)
      END-EXEC

ENDIF

PERFORM 1400-PROCESS-TRANSACTION.

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-FSET
    ENDIF
  ELSE
    MOVE CURSOR TO TERMINATION-DATE LENGTH
    SET TERMINATION-DATE ATTRIBUTE
    MOVE "TERMINATION DATE IS A MANDATORY DATA ITEM"
      TO MSG-LINE2
    PERFORM 3000-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 3000-FSET
    ENDIF
  ENDIF

```

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 3000-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 3000-FSET

ENDIF

ELSE

MOVE CURSOR TO TERMINATION-REASON LENGTH

SET TERMINATION-REASON ATTRIBUTE BYTE

MOVE 'TERMINATION REASON IS MANDATORY ITEM' TO MSG-
LINE2

PERFORM 3000-FSET

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 3000-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 3000-FSET

ENDIF

1400-PROCESS-TRANSACTION SECTION

MOVE 'T' TO COM-CT-TRANSACTION-TYPE
MOVE '21' TO COM-CT-STATUS-CODE
MOVE CURRENT DATE TO WS-HOLD-DATE
CALL 'DATECEI' USING WS-HOLD-DATE, CONVERTED-DATE
MOVE CONVERTED-DATE TO INITIAL ENTRY DATE DATE ADDED
MOVE COM-PANEL TO COM-CT-COM-PANEL
MOVE '9999' TO RECORD COUNT
MOVE COM-OPER-SIN TO APPROVED BY ISIN
MOVE 1 TO COM-EDIT-SW
MOVE INSTRUCTIONAL MESSAGE PROMPT TO MSG-LINE1
MOVE 'A030' TO COM-TRANSID
MOVE 'ECAP030' TO COM-DESTIN-PROG
COM-ORIGIN-PROG
PERFORM 4800-RESEND-MAP

2000-PROCESS-TRANSACTION SECTION

```

IF PF KEY DENOTES UPDATE NOT COMPLETE
    MOVE TRANSACTION NUMBER TO COM-REGISTRATION-
        TRANSACTION-NUMBER
MOVE '22' TO COM-STATUS-CODE
INSERT COM-COVERAGE-TRANSACTION-RECORD TO
    COVERAGE-TRANSACTION DATABASE
ENDIF
IF PF KEY DENOTES UPDATE COMPLETE
    MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANSACTION-
        NUMBER
    MOVE '25' TO COM-STATUS-CODE
    INSERT COM-COVERAGE-TRANSACTION-RECORD TO
        COVERAGE-TRANSACTION DATABASE
ENDIF
IF PF KEY DENOTES CANCEL
    MOVE '98' TO COM-STATUS-CODE
    MOVE TRANSACTION NUMBER TO COM-COVERAGE-TRANSACTION-
        NUMBER
    INSERT COM-COVERAGE-TRANSACTION-RECORD TO
        COVERAGE TRANSACTION DATA BASE
    MOVE DATA ENTRY DRIVER PROGRAM NAME TO COM-DESTIN-PROG
PERFORM 4900-XCTL
3000-FSET SECTION
EXEC CICS SEND
    MAPSET (COM-PANEL-SET)
    MAP (COM-PANEL)
    FREEKB
    ERASE

```

FSET

CURSOR

END-EXEC

PERFORM 7000-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

MOVE TABLE-DESCRIPTION TO TERMINATION-DESC OF MAP
COM-CT-TERMINATION-DESC

ELSE

FAIL EDIT

ENDIF

4800-RESEND-MAP SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 7000-BASIC-RETURN

4900-XCTL SECTION

EXEC CICS XCTL

PROGRAM (COM-DESTIN-PROG)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

7000-SEND-INITIAL-MAPS SECTION

```
MOVE COMMAREA REGICN-CODE TO MAP
MOVE COMMAREA REGION-DESCRIPTION TO MAP
MOVE COMMAREA LOCAL-OFFICE-CODE TO MAP
MOVE COMMAREA LOCAL-OFFICE-DESCRIPTION TO MAP
MOVE COMMAREA UNIT-CODE TO MAP
MOVE COMMAREA UNIT-DESCRIPTION TO MAP
MOVE COMMAREA SIN TO MAP
MOVE COMMAREA NAME TO MAP
GET CONTROL SEGMENT
IF RETURN CODE INDICATES 'SEGMENT NOT FOUND'
    MOVE CURSOR TO TRANSACTION-NUMBER
    SET TRANSACTION-NUMBER ATTRIBUTE BYTE
    MOVE 'CONTROL DB ERROR - NOTIFY MANAGER' TO MSG-LINE2
    PERFORM 4800-RESEND-MAP
ENDIF
MOVE NEXT-COVERAGE-TRANSACTION-NUMBER TO MAP
ADD 1 TO NEXT-COVERAGE-TRANSACTION-NUMBER
REWRITE CONTROL SEGMENT
IF RETURN CODE INDICATES 'REWRITE NOT SUCCESSFUL'
    MOVE CURSOR TO TRANSACTION-NUMBER
    SET TRANSACTION-NUMBER ATTRIBUTE BYTE
    MOVE 'ERROR REWRITING CONTROL DB SEGMENT' TO MSG-LINE2
    PERFORM 4800-RESEND-MAP
ENDIF
PERFORM 4000-OCCUP-CODE-CHECK
EXEC CICS SEND
```

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

ERASE

MAPONLY

CURSOR

END-EXEC

PERFORM 7000-BASIC-RETURN

7000-BASIC-RETURN SECTION

EXEC CICS RETURN

TRANSID (COM-TRAN-ID)

COMMAREA (DFHCOMMAREA-W)

LENGTH (COM-LENGTH)

END-EXEC

PROGRAM DESCRIPTION FORM

System: Coverage Author: CB
Subsystem: Law 50 Date f.c.: 9/4/84
Function: Data Entry Processing Date l.u.:
Program: ECAP040, Purchase Periods Phase: 2
Data Entry
CICS Trans ID: A040

Description

If an individual is currently covered and has not yet reached pensionable age, he may purchase any uncovered periods in his past toward his retirement, provided he buys in blocks of one or more years. If, however, he is not currently covered, he may still be eligible to purchase uncovered periods if by so purchasing it will qualify him for a 19 year retirement. Furthermore, he may take out a loan to pay for the period purchase if the purchase would qualify him for a 9 or 19 year retirement, depending on his age.

He may elect to pay the entire premium at one time, or monthly until his 60th birthday, or if eligible, take out a 5, 10, or 15 year loan to make the lump sum payment. All of his options are calculated and displayed on the screen for his selection.

When the Data Entry Clerk enters the individual's Application Date and the desired Coverage Start and End Dates, the screen comes back with employee information from his Individual Segment and his Coverage Periods Segment. If there are one or more periods that he is eligible to purchase, the application is written to the Transaction Database and a message appears that he is eligible. His eligibility for a loan is also indicated at that time. A lock is placed on his individual record and no more transactions may be initiated against the applicant until the Auditor later completes or rejects the transaction.

INPUTS:

Files: Tables, Coverage Transaction and Coverage Data
Data Bases

Screens: Purchase Period Application Screen

Reports:

Documents: Birch Certificate

OUTPUTS:

Files: Transaction and Coverage Segments

Screens: Purchase Period Application Screen

Reports:

Documents:

INTERFACE:

Invoked by: Coverage Subsystem Driver

Transfers to: Coverage Subsystem Driver
AESIS Main Menu

STANDARD MODULES:

Name:

Function:

PROCESSING LOGIC

Validate operator as Data Entry type. If data entry, validate data; check applicant's eligibility for purchasing uncovered periods; find uncovered segments eligible for purchase and compute eligible years. Determine if applicant is eligible for a loan and send appropriate message; insert this record in Transaction Segment; set Transaction Lock; send verification screen and return to CICS.

INSERT I/O DIAGRAM

PROCESS CONTROL

PROGRAM ECAPO40

PURCHASING PERIODS-DATA ENTRY

1000-INITIALIZATION

MOVE COMMAREA DATA TO WE-COMAREA

IF PROGRAM-STATE = 1

GO TO 2000-PROGRAM-STATE-1

MOVE COM-SIN TO COVERAGE-SSA

CALL 'CBLTDLI' USING (GET DATA FOR FIRST SCREEN)

GET NEXT

COVERAGE-PERIODS-PCB

COVERAGE-SSA

COVERAGE-PERIODS-SSA

MOVE COVERAGE SALARY, AND WORK-START-DATE TO MAP-AREA

SET PROGRAM-STATE TO 1

EXEC CICS SEND

MAPSET (ECASOO05)

MAP (ECASO40)

FROM (MAP-AREA)

FREEKB

ERASE

CURSOR

END-EXEC

EXEC CICS RETURN

TRANS-ID (COM-TRANS-ID)

COMMAREA (DFHCOMAREA)

LENGTH (COM-LENGTH)

END-EXEC

2000-PROGRAM-STATE-1

```
EXEC CICS RECEIVE
    MAPSET (ECAS0005)
    MAP (ECASO40)
    INTO (MAP-AREA)
END-EXEC

IF PFK = CANCEL
    SET MESSAGE-LINE TO 'CANCELLED AT OPERATOR REQUEST'
    EXEC CICS SEND
        MAPSET (ECAS0005)
        MAP (ECASO40)
        LENGTH (79)
        FREEKB
        ERASE
        CURSOR
    END-EXEC
    GO TO 9999-TERMINATE
ENDIF

IF PFK = RETURN
    EXEC CICS XCTL
        PROGRAM (COVERAGE-DRIVER)
        COMMAREA (DEHCOMAREA)
        LENGTH (COM-LENGTH)
    END-EXEC
ENDIF

IF PFK = MAIN-MENU
```

EXEC CICS XCTL

PROGRAM (ECAP000)

COMMAREA (DFHCOMAREA)

LENGTH (COM-LENGTH)

END-EXEC

ENDIF

IF INDIVIDUAL-LOCK IS ON

IF ENTRY-SIN NOT DE OPERATOR

SET MESSAGE-LINE TO

'TRANSACTION ABORTED. DATABASE LOCKED FOR
PENDING TRANSACTIONS'

GO TO 999-BAD-ENDING

ENDIF

ENDIF

***** VALIDATE NEW MODIFICATIONS

IF PERIOD-START-DATE NOT LESS THAN PERIOD-END-DATE

SET MESSAGE-LINE TO 'START DATE NOT LESS THAN END DATE'

GO TO 9999-BAD ENDING

ENDIF

IF APPLICATION-DATE LESS THAN PERIOD-END DATE

SET MESSAGE-LINE TO 'APPLICATION DATE LESS THAN END DATE'

GO TO 9999-BAD ENDING

ENDIF

IF APPLICATION-DATE GREATER THAN CURRENT-DATE

SET MESSAGE-LINE TO 'APPLIC DATE GREATER THAN CURR DATE'

GO TO 4999-BAD-ENDING

ENDIF

6010-GET-UNCOVERED (CHECK TO SEE IF THERE ARE ELIG PERIODS)

```

CALL 'CBLTDLI' USING
    GET NEXT PARENT
    COVERAGE-PCB
    COVERAGE-PERIODS SEGMENT
IF NO MORE RECORDS
    SET INDEX TO 1
    IF WS-START-DATE (INDEX) = ZERO
        SET MESSAGE-LINE TO 'NO ELIGIBLE UNCOVERED PERIODS'
        GO TO 9999-BAD-ENDING
    ENDIF
    GO TO 6020-ELIGIBILITY-CHECK
ENDIF
IF PERIOD-STATUS-CODE NOT = 'PAST UNCOVERED'
    GO TO 6010-GET-UNCOVERED
ENDIF
IF PERIOD-START-DATE GREATER THAN UNCOV-START-DATE
    GO TO 6010-GET-UNCOVERED
ENDIF
IF PERIOD-END-DATE NOT LESS THAN UNCOV-END-DATE
ADD 1 TO INDEX
MOVE UNCOV-START-DATE TO
    WS-START-DATE (INDEX)
    TRANS-START (INDEX)
MOVE UNVOC-END-DATE TO WE-END-DATE (INDEX)
COMPUTE WE-ELIGIBLE-YEARS (INDEX)
    = WE-END-DATE (INDEX) MINUS WS-START-DATE (INDEX)
ADD WS-ELIGIBLE-YEARS (INDEX) TO WS-ELIGIBLE-YEARS
MOVE WE-ELIGIBLE-YEARS (INDEX) TO TRANS-ELIG-YRS (INDEX)

```

GO TO 6010=-GET-UNCOVERED

ENDIF

6020-ELIGIBILITY-CHECK

IF PERIOD-START-DATE LESS THAN DOB PLUS 20 YEARS

SET MESSAGE-LINE TO 'START DATE MUST BE AFTER AGE 20'

GO TO 999-BAD-ENDING

ENDIF

IF COVERAGE-END-DATE EQUAL ZERO (STILL COVERED)

GO TO 6030-LOAN-ELIGIBILITY

ENDIF

***** ELSE IF NOT WORKING, WILL HE QUALIFY FOR RETIREMENT

DIVIDE CUMULATIVE-MONTHS IN COVERAGE ROOT BY 12

GIVING COVERED-YEARS

IF COVERED-YEARS GREATER THAN 19

SET MESSAGE-LINE TO 'NON WORKING ALREADY HAS 19 YEARS

GO TO 9999-BAD-ENDING

ELSE

ADD WS-ELIGIBLE-YEARS TO COVERED-YEARS

GIVING PROJECTED-COVERED-YEARS

IF PROJECTED-COVERED-YEARS LESS THAN 19

SET MESSAGE-LINE TO

'NON WORKING CANT GET 19 YEARS WITH PURCHASE'

GO TO 9999-BAD-ENDING

ENDIF

ENDIF

6080-LOAN-ELIGIBILITY

SET LOAN-FLAG TO 'YES'

```

CALL 'DATEDIF' USING
    DOB
    APPLICATION-DATE
    WS-AGE
DIVIDE WS-AGE BY 365 ROUNDED UP
IF DOB GREATER THAN 4/1/31
    SET LOAN-FLAG TO 'NO'
    GO TO 6040-ELIGIBLE
ENDIF
IF WS-AGE LESS THAN 60
    IF PROJECTED-COVERED-YEARS LESS THAN 19
        SET LOAN-FLAG TO `NO`
    ENDIF
ELSE
    IF PROJECTED-COVERED-YEARS LESS THAN 9
        SET LOAN-FLAG TO 'NO'
    ENDIF
ENDIF
6040-ELIGIBLE
IF LOAN-FLAG = 'YES'
    SET MESSAGE-LINE TO 'ELIGIBLES FOR PURCHASE AND LOAN'
ELSE
    SET MESSAGE-LINE TO `ELIGIBLE FOR PURCHASE WITHOUT LOAN`
ENDIF
SET TRANSACTION SET-UP-CODE TO 'AUDITOR MODIFIED'
SUBTRACT 1 FROM RECORD-COUNT
CALL 'CBLTDLI' USING

```

INSERT
TRANSACTION-PCB
TRANS-SSA
SET COM-PROGRAM-STATE TO ZERO
GO TO 999-SEND-SCREEN

9999-SEND-SCREEN

EXEC CICS SEND
MAPSET (ECASODDS)
MAP (ECAS125)
FROM (MAP-AREA)
END-EXEC

9999-TERMINATE

EXEC CICS RETURN
TRANS-ID (COM-TRANS-ID)
COMMAREA (DFHCOMAREA)
LENGTH (COM-LENGTH)
END-EXEC

9999-BAD-ENDING

EXEC CICS SEND
FROM (MESSAGE-LINE)
LENGTH (79)
END-EXEC
SET COM-TRAN-ID TO 9999
GO TO 9999-TERMINATE

PROGRAM DESCRIPTION FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 July 1984
Function: Auditor Processing Phase: 2
Program: ECAP100, Auditor Processing Driver
CICS Trans ID: A100
Author: MJO

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: ECOP050 Coverage System Driver

Transfers to: ECOP050 Coverage System Driver
ECAP110 Audit Coverage Application
ECAP120 Audit Coverage Change
ECAP130 Audit Coverage Termination
ECAP140 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 INVALED' 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 'ECAP110' TO COM-DESTIN-PROG
    ELSE
        IF TRANSACTION-TYPE EQUALS 'C' (COVERAGE CHANGE)
            MOVE 'ECAP120' TO COM-DESTIN-PROG
        ELSE
            IF TRANSACTION-TYPE EQUALS 'T' (COVERAGE TERMINATION)
                MOVE 'ECAP130' TO COM-DESTIN-PGM
            ELSE
                IF TRANSACTION-TYPE EQUALS 'P' (PURCHASE PERIODS)
                    MOVE 'ECAP140' 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 FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 Aug 1984
Function: Auditor Processing Phase: 2
Program: ECAP110, Audit Coverage Application
CICS Trans ID: A110
Author: SAK/MJO

Description:

The Coverage Application Audit Program will display the selected transaction for the auditor. The auditor may then approve the transaction, reject the transaction, place it in hold status, assign the transaction to investigation status, or modify the transaction. If the auditor modifies the transaction, this program will first ensure that all variables entered on the Coverage Application Screen are valid. For coded variables the code description will be retrieved from the appropriate table and displayed in the output screen. The applicant is then checked for eligibility according to the rules defined in the Schedule of Coverage for Law 50.

During the edit/eligibility checking process, error correction will be facilitated by means of highlighted fields and accompanying error messages. Once the auditor enters the modify transaction mode, program status checks will maintain the program within the edit/eligibility process until the auditor either indicates a disposition action (i.e., accept, reject, investigate, hold) for an error free transaction, or cancels the current operation.

The Coverage Application Contribution Calculation Section will calculate the contribution required for each type of insurance the applicant is eligible for according to the Schedule of Contributions for Law 50.

Upon completion of processing, the transaction will be written to the Coverage Transaction Data Base with any modifications made by the auditor and with an updated transaction status code. Additionally, approved transactions will be passed to the database update section, where appropriate modifications, additions and deletions will be made to the Individual, Coverage, and Billing databases.

INPUT:

Files: Coverage, Billing, Tables Data Bases

Screens: Coverage Application Screen

Note: Transaction, Individual, Coverage Root and current Coverage Period segments are received via COMMAAREA

OUTPUT:

File: Audited Coverage Transaction File record
Individual, Coverage, Billing Data Bases
(approved transactions only)

Screens: Coverage Application Screen

INTEPFACE:

Invoked by: ECAP100 Auditor Processing Driver

Transfers to: ECAP100 Auditor Processing Driver

Standard Modules:

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 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-COMPUTE-VARIABLES

```

        PERFORM 1200-CHECK-ELIGIBILITY
        SET COM-PROGRAM-STATE TO 1
        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-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
        SET COM-PROGRAM-STATE TO 1
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
0100-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 1000-EDIT-INPUT

```

```

        PERFORM 1100-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
    ELSE
        MOVE 'INDIVIDUAL RECORD LOCKED BY ANOTHER TRANSACTION'
            TO MSG-LINE2
        SET COM-DESTINATION-PROGRAM TO AUDIT DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF

    SET COM-PROGRAM-STATE TO 1
    PERFORM 3000-RESEND-SCREEN
1000-EDIT-INPUT SECTION

    IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
        PERFORM 4000-OCCUP-CODE-CHECK
        IF OCCUPATION-CODE VALID
            MOVE OCCUPATION-CODE TO COM-CT-OCCUPATION-CODE
        ELSE
            MOVE CURSOR TO OCCUPATION-CODE LENGTH
            SET OCCUPATION-CODE ATTRIBUTE BYTE
            PERFORM 3000-FSET
        ENDIF
    ENDIF

    IF APPLICATION-DATE LENGTH GREATER THAN ZERO
        IF APPLICATION-DATE NOT GREATER THAN CURRENT-DATE
            MOVE APPLICATION-DATE TO COM-CT-APPLICATION-DATE
        ELSE
            MOVE CURSOR TO APPLICATION-DATE LENGTH
            SET APPLICATION-DATE ATTRIBUTE
            PERFORM 3000-FSET
        ENDIF
    ENDIF

```

```

IF OCCUPATION-DATE LENGTH GREATER THAN ZERO
    IF OCCUPATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE OCCUPATION-DATE TO COM-CT-OCCUPATION-DATE
    ELSE
        MOVE CURSOR TO OCCUPATION-DATE LENGTH
        SET OCCUPATION-DATE ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF MONTHLY-SALARY LENGTH GREATER THAN ZERO
    IF MONTHLY-SALARY NUMERIC AND GREATER THAN ZERO
        MOVE MONTHLY-SALARY TO COM-CT-MONTHLY-SALARY
    ELSE
        MOVE CURSOR TO MONTHLY-SALARY LENGTH
        SET MONTHLY-SALARY ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF INCENTIVE LENGTH GREATER THAN ZERO
    IF INCENTIVE NUMERIC AND NOT LESS THAN ZERO
        MOVE INCENTIVE TO COM-CT-INCENTIVE
    ELSE
        MOVE CURSOR TO INCENTIVE LENGTH
        SET INCENTIVE ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF CONTRIBUTION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-CONTRIB-CHECK
    IF CONTRIBUTION-CODE VALID
        MOVE CONTRIBUTION-CODE TO COM-CT-CONTRIBUTION-CODE

```

ELSE

MOVE CURSOR TO CONTRIBUTION-CODE LENGTH

SET CONTRIBUTION-CODE ATTRIBUTE BYTE

PERFORM 3000-FSET

ENDIF

1100-COMPUTE-VARIABLES SECTION

SUBTRACT DATE-OF-BIRTH FROM APPLICATION-DATE GIVING

APPLICANT-AGE

IF COMMAREA COVERAGE SEGMENTS NOT EQUAL TO SPACES

CALCULATE LENGTH-OF-CURRENT-PERIOD

ADD LENGTH-OF-CURRENT-PERIOD, CUMULATIVE-MONTHS GIVING

COVERED-PERIODS

ELSE

SET COVERED-PERIODS TO ZERO

ENDIF

MOVE COVERED-PERIODS TO COM-CT-COVERED-PERIODS

ADD 60, DATE-OF-BIRTH GIVING RETIREMENT-DATE

1200-CHECK-ELIGIBILITY SECTION

DETERMINE COVERAGE FROM COVERAGE SCHEDULE

3000-RESEND-SCREEN SECTION

EXEC CICS SEND

MAPSET (COM-PANEL-SET)

MAP (COM-PANEL)

FREEKB

CURSOR

END-EXEC

PERFORM 9000-BASIC RETURN

4000-OCCUP-CODE-CHECK SECTION

MOVE OCCUPATION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE OCCUPATION-CODE TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

MOVE TABLE-DESCRIPTION TO OCCUPATION-DESCRIPTION

OUTPUT FIELD

ELSE

FAIL EDIT

ENDIF

4000-CONTRIB-CHECK SECTION

MOVE CONTRIBUTION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE CONTRIBUTION-CODE 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
 PERFORM 4400-UPDATE-INDIVIDUAL
 PERFORM 4500-UPDATE-BILLING
 4310-UPDATE-COV-DB
 GET COVERAGE SEGMENT, KEY IS SIN
 IF RETURN CODE IS 'SEGMENT FOUND'
 MOVE 'APPLICATION - COVERAGE ALREADY EXISTS' TO
 MAP-MSG-LINE2
 SET COM-DISTINATION-PGM TO AUDIT DRIVER
 PERFORM 3000-RESEND-SCREEN
 ELSE
 PERFORM 4310-BUILD-COVERAGE-SEGMENT
 PERFORM 4320-ADD-COVERAGE-SEGMENT
 IF RETURN CODE IS ERROR CONDITION
 MOVE 'ERROR ADDING COVERAGE SEGMENT' TO
 MAP-MSG-LINE2
 SET COM-DESTINATION-PGM TO AUDIT DRIVER
 PERFORM 3000-RESEND-SCREEN
 ENDIF
 ENDIF
 4310-BUILD-COVERAGE-SEGMENT SECTION
 MOVE COVERAGE-START-DATE TO COVERAGE-ROOT
 MOVE ZERO TO CUMULATIVE-MONTHS OF COVERAGE-ROOT
 MOVE CURRENT-DATE TO DATE-LAST-ACTIVITY OF

COVERAGE-ROOT

MOVE MONTHLY-SALARY TO SALARY OF SALARY-SEGMENT
MOVE OCCUPATION-DATE TO START-DATE OF SALARY-SEGMENT
MOVE ZERO TO END-DATE OF SALARY-SEGMENT
MOVE MONTHLY-INCENTIVE TO AVERAGE-MONTHLY-INCENTIVE-AMT
OF INCENTIVE-SEGMENT
MOVE OCCUPATION-DATE TO INCENTIVE-START-DATE OF
INCENTIVE-SEGMENT, COVERAGE-PERIOD-SEGMENT
MOVE 01 TO PERIOD-STATUS-CODE OF COVERAGE-PERIOD-
SEGMENT
MOVE LAW-SECTOR-CODE TO COVERAGE-ROOT, COVERAGE-PERIOD-
SEGMENT

4320-ADD-COVERAGE-SEGMENT SECTION

CALL 'CBLTDLI'

TO ADD APPROPRIATE COVERAGE SEGMENTS

4400-UPDATE-INDIVIDUAL SECTION

GET INDIVIDUAL RECORD, KEY IS SIN

IF RETURN CODE IS 'NOT FOUND'

MOVE 'INDIVIDUAL SEGMENT NOT FOUND' TO

MAP-MSG-LINE2

SET COM-DESTINATION-PGM TO AUDIT DRIVER

PERFORM 3000-RESEND-SCREEN

ELSE

UPDATE DATE-LAST-ACTION AND ACTION-TYPE-CODE

SET COVERAGE-FLAG AS APPROPRIATE

SET APPLICABLE-LAW-FLAG AS APPROPRIATE

CALL 'CBLTDLI'.....

```

        TO REWRITE INDIVIDUAL RECORD
    IF RETURN CODE INDICATES ERROR CONDITION
        MOVE 'ERROR REWRITING INDIVIDUAL SEGMENT' TO
            TO MAP-MSG-LINE2
        SET COM-DESTINATION-PGM TO AUDIT-DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
4400-UPDATE-EMPLOYER-BILLING SECTION
    GET BILLING ROOT SEGMENT, KEY IS BIN/SIN
    IF RETURN CODE IS 'SEGMENT NOT FOUND'
        MOVE 'BILLING SEGMENT NOT FOUND' TO
            MAP-MSG-LINE2
        PERFORM 3000-RESEND-SCREEN
    ENDIF
    PERFORM 4410-CALCULATE-CONTRIB
    MOVE 1 TO NUMBER OF EMPLOYEES
    INCREMENT CONTRIBUTION FIELDS
    INCREMENT TOTAL DEDUCTIONS
    PERFORM 4420-REWRITE-BILL-ROOT
    IF RETURN CODE IS ERROR CONDITION
        MOVE 'ERROR REWRITING BILLING ROOT' TO
            MAP-MSG-LINE2
    ELSE
        PERFORM 4430-ADD-XREF-SEGMENT
        IF RETURN CODE IS ERROR CONDITION
            MOVE 'ERROR ADDING BILLING XREF SEG'
                TO MAP-MSG-LINE2

```

SET COM-DESTINATION-PGM TO AUDIT DRIVER

PERFORM 3000-RESEND-SCREEN

ENDIF

ENDIF

4410-CALCULATE-CONTRIB SECTION

CALCULATE CONTRIBUTION ACCORDING TO APPROPRIATE LAW 50

CONTRIBUTION SCHEDULE

4420-REWRITE-BILL-ROOT SECTION

CALL 'CBLTDLI'

TO REWRITE BILLING ROOT SEGMENT

4430-ADD-XREF-SEGMENT SECTION

CALL 'CBLTDLI'

TO ADD CROSS-REFERENCE 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 AUDIT 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 AUDIT 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 AUDIT DRIVER
WRITE TRANSACTION TO COVERAGE-TRANSACTION-FILE
MOVE 'TRANSACTION PLACED IN INSPECTION' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN

8000-CANCEL-AUDIT SECTION

SET COM-DESTINATION-PGM TO AUDIT 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 FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 July 1984
Function: Auditor Processing Phase: 2
Program: ECAP120, Audit Coverage Change
CICS Trans ID: A120
Author: SAK/MJO

Description:

The Audit Coverage Change program will display a selected change transaction to the auditor. The auditor may then approve the transaction, reject it, place it in hold status, or assign the transaction for investigation or modify the transaction. The Coverage Edit/Eligibility Check sections will ensure that all variables entered on the Coverage Change Screen are valid. For coded variables the code description will be retrieved from the appropriate table and displayed on the output screen. The applicant is then checked for eligibility according to the rules defined in the Schedule of Coverage for Law 50.

During the edit/eligibility checking process, error correction will be facilitated by means of highlighted fields and accompanying error messages. Once the auditor enters the modify transaction mode, program status checks will maintain the program within the edit/eligibility process until the auditor either indicates a disposition action (i.e., acceptance, rejection, hold, investigation) for an error-free transaction or cancels the current operation.

The Coverage Contribution Calculation Section will calculate the contribution required for each type of insurance the applicant is eligible for according to the Schedule of Contributions.

Upon completion of audit processing, the audited transaction is written to the Coverage Transaction Data Base. Additionally, approved transactions are passed to the database update section where appropriate modifications and additions are made to the Individual, Coverage and Billing databases.

INPUT:

Files: Coverage, Billing, Tables Data Bases

Note: Transaction, Individual, Coverage Root and Coverage
Period segments are passed to this module via the
COMMAREA

Screens: Coverage Change

OUTPUT:

Files: Transaction File Record
Individual, Coverage, Billing Data Bases
(approved transactions only)

Screens: Coverage Change

INTERFACE:

Invoked by: ECAP100 Auditor Processing Driver

Transfers to: ECAP100 Auditor Processing Driver

Standard Modules:

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 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

SET EDITSW TO ZERO

PERFORM 1000-EDIT-INPUT

```

        PERFORM 1100-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
        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-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
        MOVE 1 TO COM-PROGRAM-STATE
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
0100-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 1000-EDIT-INPUT
    
```

```

        PERFORM 1100-COMPUTE-VARIABLES
        PERFORM 1200-CHECK-ELIGIBILITY
    ELSE
        MOVE 'INDIVIDUAL RECORD LOCKED BY ANOTHER TRANSACTION'
            TO MSG-LINE2
        SET COM-DESTINATION-PROGRAM TO AUDIT DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF

    SET COM-PROGRAM-STATE TO 1
    PERFORM 3000-RESEND-SCREEN
1000-EDIT-INPUT SECTION

    IF OCCUPATION-CODE LENGTH GREATER THAN ZERO
        PERFORM 4000-OCCUP-CODE-CHECK
        IF OCCUPATION-CODE VALID
            MOVE OCCUPATION-CODE TO COM-CT-OCCUPATION-CODE
        ELSE
            MOVE CURSOR TO OCCUPATION-CODE LENGTH
            SET OCCUPATION-CODE ATTRIBUTE BYTE
            PERFORM 3000-FSET
        ENDIF
    ENDIF

    IF APPLICATION-DATE LENGTH GREATER THAN ZERO
        IF APPLICATION-DATE NOT GREATER THAN CURRENT-DATE
            MOVE APPLICATION-DATE TO COM-CT-APPLICATION-DATE
        ELSE
            MOVE CURSOR TO APPLICATION-DATE LENGTH
            SET APPLICATION-DATE ATTRIBUTE
            PERFORM 3000-FSET
        ENDIF
    ENDIF

```

```

IF OCCUPATION-DATE LENGTH GREATER THAN ZERO
    IF OCCUPATION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE OCCUPATION-DATE TO COM-CT-OCCUPATION-DATE
    ELSE
        MOVE CURSOR TO OCCUPATION-DATE LENGTH
        SET OCCUPATION-DATE ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF MONTHLY-SALARY LENGTH GREATER THAN ZERO
    IF MONTHLY-SALARY NUMERIC AND GREATER THAN ZERO
        MOVE MONTHLY-SALARY TO COM-CT-MONTHLY-SALARY
    ELSE
        MOVE CURSOR TO MONTHLY-SALARY LENGTH
        SET MONTHLY-SALARY ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF INCENTIVE LENGTH GREATER THAN ZERO
    IF INCENTIVE NUMERIC AND NOT LESS THAN ZERO
        MOVE INCENTIVE TO COM-CT-INCENTIVE
    ELSE
        MOVE CURSOR TO INCENTIVE LENGTH
        SET INCENTIVE ATTRIBUTE
        PERFORM 3000-FSET
ENDIF

IF CONTRIBUTION-CODE LENGTH GREATER THAN ZERO
    PERFORM 4000-CONTRIB-CHECK
    IF CONTRIBUTION-CODE VALID
        MOVE CONTRIBUTION-CODE TO COM-CT-CONTRIBUTION-CODE
    
```

```

ELSE
    MOVE CURSOR TO CONTRIBUTION-CODE LENGTH
    SET CONTRIBUTION-CODE ATTRIBUTE BYTE
    PERFORM 3000-FSET
ENDIF
IF RETIREMENT-AGE LENGTH GREATER THAN ZERO
    IF RETIREMENT-AGE NUMERIC AND GREATER THAN 59
        MOVE RETIREMENT-AGE TO COM-CT-RETIREMENT-AGE
    ELSE
        MOVE CURSOR TO RETIREMENT-AGE LENGTH
        SET RETIREMENT-AGE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF WORK-EXTENSION-DECREE-NUMBER LENGTH GREATER THAN ZERO
    IF WORK-EXTENSION-DECREE-NUMBER NUMERIC
        MOVE WORK-EXTENSION-DECREE-NUMBER TO COM-CT-
            WORK-EXTENSION-DECREE-NUMBER
    ELSE
        MOVE CURSOR TO WORK-EXTENSION-DECREE-NUMBER LENGTH
        SET WORK-EXTENSION-DECREE-NUMBER ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
ENDIF
IF WORK-EXTENSION-DATE LENGTH GREATER THAN ZERO
    IF WORK-EXTENSION-DATE NOT GREATER THAN CURRENT-DATE
        MOVE WORK-EXTENSION-DATE TO COM-CT-WORK-EXTENSION-
            DATE
    ELSE

```

```

        MOVE CURSOR TO WORK-EXTENSION-DATE LENGTH
        SET WORK-EXTENSION-DATE ATTRIBUTE
        PERFORM 3000-FSET
    ENDIF
    IF PERIOD-OF-EXTENSION LENGTH GREATER THAN ZERO
        IF PERIOD-OF-EXTENSION NUMERIC
            MOVE PERIOD-OF-EXTENSION TO COM-CT-PERIOD-OF-
                EXTENSION
        ELSE
            MOVE CURSOR TO PERIOD-OF-EXTENSION LENGTH
            SET PERIOD-OF-EXTENSION ATTRIBUTE
            PERFORM 3000-FSET
        ENDIF
    1100-COMPUTE-VARIABLES SECTION
        SUBTRACT DATE-OF-BIRTH FROM APPLICATION-DATE GIVING
            APPLICANT-AGE
        CALCULATE CURRENT-PERIOD-COVERAGE
        ADD CURRENT-PERIOD-COVERAGE, CUMULATIVE-MONTHS GIVING
            COVERED-PERIODS
        MOVE COVERED-PERIODS TO COM-CT-COVERED-PERIODS
        ADD RETIREMENT-AGE, DATE-OF-BIRTH GIVING RETIREMENT-DATE
    1200-CHECK-ELIGIBILITY SECTION
        DETERMINE ELIGIBILITY ACCORDING TO COVERAGE SCHEDULE
    3000-RESEND-SCREEN SECTION
        EXEC CICS SEND
            MAPSET (COM-PANEL-SET)
            MAP (COM-PANEL)

```

FREEKB

CURSOR

END-EXEC

PERFORM 9000-BASIC RETURN

4000-OCCUP-CODE-CHECK SECTION

MOVE OCCUPATION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE OCCUPATION-CODE TO TABLE-KEY-VALUE

GET TABLES DATABASE RECORD

IF FOUND

MOVE TABLE-DESCRIPTION TO OCCUPATION-DESCRIPTION

OUTPUT FIELD

ELSE

FAIL EDIT

ENDIF

4000-CONTRIB-CHECK SECTION

MOVE CONTRIBUTION-CODE-PREFIX TO TABLE-KEY-PREFIX

MOVE CONTRIBUTION-CODE 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
    PERFORM 4400-UPDATE-INDIVIDUAL
    PERFORM 4500-UPDATE-BILLING
4310-UPDATE-COV-DB
    GET COVERAGE ROOT SEGMENT, KEY IS SIN
    IF RETURN CODE IS 'SEGMENT NOT FOUND'
        MOVE 'NO COVERAGE SEGMENT EXISTS' TO
            MAP-MSG-LINE2
        SET COM-DISTINATION-PGM TO AUDIT DRIVER
        PERFORM 3000-RESEND-SCREEN
    ELSE
        PERFORM 4310-BUILD-COVERAGE-SEGMENT
        IF RETURN CODE IS ERROR CONDITION
            MOVE 'ERROR ADDING COVERAGE SEGMENT' TO
                MAP-MSG-LINE2
            SET COM-DESTINATION-PGM TO AUDIT DRIVER
            PERFORM 3000-RESEND-SCREEN
        ENDIF
    ENDIF
4310-BUILD-COVERAGE-SEGMENT SECTION

```

```

GET COVERAGE PERIOD SEGMENT
IF TRANSACTION SIN EQUAL SEGMENT EMPLOYER-BIN
    NEXT SENTENCE
ELSE
    IF SEGMENT NOT TERMINATED
        MOVE 'OLD EMPLOYER MUST BE TERMINATED' TO
            MSG-LINE2
        SET COM-DESTINATION-PGM TO AUDIT DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
MOVE TRANSACTION FIELDS TO COVERAGE ROOT
GET SALARY SEGMENT
IF TRANSACTION SIN EQUAL TO SEGMENT EMPLOYER-BIN
    IF TRANSACTION SALARY NOT EQUAL TO SEGMENT SALARY
        CALCULATE SALARY VARIANCE
        SET SALARY SWITCH TO VARIANCE
    ELSE
        SET SALARY SWITCH TO NO CHANGE
    ENDIF
ELSE
    SET INCENTIVE SWITCH ON
    SET SALARY SWITCH TO NEW EMPLOYER
ENDIF
MOVE CURRENT-DATE TO DATE-LAST-ACTIVITY OF
    COVERAGE-ROOT
MOVE MONTHLY-SALARY TO SALARY OF SALARY-SEGMENT

```

```

MOVE OCCUPATION-DATE TO START-DATE OF SALARY-SEGMENT
MOVE ZERO TO END-DATE OF SALARY-SEGMENT
MOVE MONTHLY-INCENTIVE TO AVERAGE-MONTHLY-INCENTIVE-AMT
      OF INCENTIVE-SEGMENT
MOVE COVERAGE-START-DATE TO INCENTIVE-START-DATE OF
      OF INCENTIVE-SEGMENT
CALL 'CBLTDLI' ....
      TO REWRITE COVERAGE ROOT
CALL 'CBLTDLI' ...
      TO ADD COVERAGE PERIOD SEGMENT
IF SALARY SWITCH ON
      CALL 'CBLTDLI' .....
          TO ADD SALARY SEGMENT
ENDIF
IF INCENTIVE SWITCH ON
      CALL 'CBLTDLI' ....
          TO ADD INCENTIVE SEGMENT
ENDIF

```

4400-UPDATE-INDIVIDUAL SECTION

```

GET INDIVIDUAL RECORD, KEY IS SIN
IF RETURN CODE IS 'NOT FOUND'
      MOVE 'INDIVIDUAL SEGMENT NOT FOUND' TO
          MAP-MSG-LINE2
      SET COM-DESTINATION-PGM TO AUDIT DRIVER
      PERFORM 3000-RESEND-SCREEN
ELSE
      UPDATE DATE-LAST-ACTION AND ACTION-TYPE-CODE

```

```

SET COVERAGE-FLAG AS APPROPRIATE
SET APPLICABLE-LAW-FLAG AS APPROPRIATE
CALL 'CBLTDLI'.....
    TO REWRITE INDIVIDUAL RECORD
    IF RETURN CODE INDICATES ERROR CONDITION
        MOVE 'ERROR REWRITING INDIVIDUAL SEGMENT' TO
            TO MAP-MSG-LINE2
        SET COM-DESTINATION-PGM TO AUDIT-DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF
4400-UPDATE-EMPLOYER-BILLING SECTION
    GET BILLING ROOT SEGMENT, KEY IS BIN/SIN
    IF RETURN CODE IS 'SEGMENT NOT FOUND'
        MOVE 'BILLING SEGMENT NOT FOUND' TO
            MAP-MSG-LINE2
        PERFORM 3000-RESEND-SCREEN
    ENDIF
    PERFORM 4410-CALCULATE-CONTRIB
    INCREMENT CONTRIBUTION FIELDS
    PERFORM 4420-REWRITE-BILL-ROOT
    IF RETURN CODE IS ERROR CONDITION
        MOVE 'ERROR REWRITING BILLING ROOT' TO
            MAP-MSG-LINE2
        SET COM-DESTINATION-PGM TO AUDIT DRIVER
        PERFORM 3000-RESEND-SCREEN
    ELSE
        PERFORM 4430-ADD-XREF-SEGMENT

```

IF RETURN CODE IS ERROR CONDITION

MOVE 'ERROR ADDING BILLING XREF SEG'

TO MAP-MSG-LINE2

SET COM-DESTINATION-PGM TO AUDIT DRIVER

PERFORM 3000-RESEND-SCREEN

ENDIF

ENDIF

4410-CALCULATE-CONTRIB SECTION

NOTE: IF SALARY SWITCH IS SET TO VARIANCE VALUE,
CALCULATE CONTRIBUTION BASED ON DIFFERENCE
BETWEEN OLD AND NEW SALARY; OTHERWISE,
CALCULATE ON NEW SALARY AMOUNT

CALCULATE CONTRIBUTIONS AS SHOWN IN LAW 50 CONTRIBUTION
SCHEDULE

4420-REWRITE-BILL-ROOT SECTION

CALL 'CBLTDLI'

TO REWRITE BILLING ROOT SEGMENT

4430-ADD-XREF-SEGMENT SECTION

CALL 'CBLTDLI'

TO ADD CROSS-REFERENCE 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 AUDIT 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 AUDIT 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 AUDIT 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 AUDIT 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 FORM

System: Coverage Date f.c.: 29 July 1984
Subsystem: Law 50 Date l.u.: 29 July 1984
Function: Auditor Processing Phase: 2
Program: ECAP130, Audit Coverage Termination
CICS Trans ID: A130
Author: SAK/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. Additionally, the program will reflect the termination in the Billing Data Base by calculating the amount of the terminated contribution.

INPUT:

Files: Coverage, Billing, Tables Data Bases

Screens: Coverage Termination

NOTE: Transaction, Individual, Coverage Root and current Coverage Period segments are received via COMMAREA

OUTPUT:

Files: Coverage Transaction Data Base
Individual, Coverage, Billing Data Bases
(approved transactions only)

INTERFACE:

Invoked by: ECAP100 Audit Processing Driver

Transfers to: ECAP100 Audit Processing Driver

Standard Modules:

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 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

0100-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 1000-EDIT-INPUT

PERFORM 1100-VERIFY-COVERAGE

ELSE

MOVE 'INDIVIDUAL RECORD LOCKED BY ANOTHER TRANSACTION'

```

                TO MSG-LINE2
                SET COM-DESTINATION-PROGRAM TO AUDIT DRIVER
                PERFORM 3000-RESEND-SCREEN
    ENDIF
    SET COM-PROGRAM-STATE TO 1
    PERFORM 3000-RESEND-SCREEN
1000-EDIT-INPUT SECTION
    IF TERMINATION-DATE LENGTH GREATER THAN ZERC
        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

PERFORM 4400-UPDATE-INDIVIDUAL

PERFORM 4500-UPDATE-BILLING

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 AUDIT 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 AUDIT 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 AUDIT DRIVER
      PERFORM 3000-RESEND-SCREEN
ENDIF
IF TRANSACTION SIN NOT EQUAL TO SEGMENT
      EMPLOYER-BIN
      MOVE 'FORM SIN/DB EMPLOYER BIN DO NOT AGREE' TO
            MSG-LINE2
      PERFORM 3000-RESEND-SCREEN
ENDIF

```



```

ELSE
    UPDATE DATE-LAST-ACTION AND ACTION-TYPE-CODE
    SET COVERAGE-FLAG AS APPROPRIATE
    SET APPLICABLE-LAW-FLAG AS APPROPRIATE
    CALL 'CBLTDLI'.....
        TO REWRITE INFO DUAL RECORD
    IF RETURN CODE INDICATES ERROR CONDITION
        MOVE 'ERROR REWRITING INDIVIDUAL SEGMENT' TO
            TO MAP-MSG-LINE2
        SET COM-DESTINATION-PGM TO AUDIT-DRIVER
        PERFORM 3000-RESEND-SCREEN
    ENDIF
ENDIF

4400-UPDATE-EMPLOYER-BILLING SECTION
    GET BILLING ROOT SEGMENT, KEY IS SIN
    IF RETURN CODE IS 'SEGMENT NOT FOUND'
        MOVE 'BILLING SEGMENT NOT FOUND' TO
            MAP-MSG-LINE2
        PERFORM 3000-RESEND-SCREEN
    ENDIF
(MARK SEGMENT AS TERMINATED FOR LATER DELETION)
    PERFORM 4420-REWRITE-BILL-ROOT
    IF RETURN CODE IS ERROR CONDITION
        MOVE 'ERROR REWRITING BILLING ROOT' TO
            MAP-MSG-LINE2
        PERFORM 3000-RESEND-SCREEN
    ELSE
        PERFORM 4430-DELETE-XREF-SEGMENT

```

IF RETURN CODE IS ERROR CONDITION

MOVE 'ERROR DELETING BILLING XREF SEG'

TO MAP-MSG-LINE2

SET COM-DESTINATION-PGM TO AUDIT DRIVER

PERFORM 3000-RESEND-SCREEN

ENDIF

ENDIF

4420-REWRITE-BILL-ROOT SECTION

CALL 'CBLTDLI'

TO REWRITE BILLING ROOT SEGMENT

4430-DELETE-XREF-SEGMENT SECTION

CALL 'CBLTDLI'

TO DELETE CROSS-REFERENCE 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 AUDIT 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 AUDIT 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 AUDIT DRIVER
WRITE TRANSACTION TO COVERAGE-TRANSACTION-FILE
MOVE 'TRANSACTION PLACED IN INSPECTION' TO MSG-LINE2
PERFORM 3000-RESEND-SCREEN

8000-CANCEL-AUDIT SECTION

SET COM-DESTINATION-PGM TO AUDIT 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 Author: CB
Subsystem: Law 50 Date f.c.: 9/4/84
Function: Auditor Processing Date l.u.: 9/5/84
Program: ECAP140 - Audit Purchase Periods Phase:
CICS Trans ID: A140

Description:

If an individual is currently covered and has not yet reached pensionable age, he may purchase any uncovered periods in his past toward his retirement, provided he buys in blocks of one or more years. If, however, he is not currently covered, he may still be eligible to purchase uncovered periods if by so purchasing it will qualify him for a 19 year retirement. Furthermore, he may take out a loan to pay for the purchase if the purchase would qualify him for a 9 or 19 year retirement, depending on his age.

He may elect to pay the entire premium at one time, or monthly until his 60th birthday, or if eligible, take out a 5, 10, or 15 year loan to make the lump sum payment. All of his options are calculated and displayed on the screen for his selection. The users of this screen are as follows:

- o Auditor - responsible for the manual and automated verification of the accuracy of the entered data. He can retrieve the information the Data Entry Clerk entered, and approve, modify, hold, hold for inspection, or reject the transaction. He alone has the ability to approve the transaction and allow the data base to be updated with the new coverage segments and deleted uncovered segments.

- o Inspector - if the Auditor is not satisfied with a transaction or file then he indicates that a formal inspection is required. The inspector then goes into the field, performs the investigation, and reports his findings.

INPUTS:

Files: Table, Coverage Transaction, Coverage Data Bases

Screens: Coverage Upgrade Application Screen (ECAS130)

Reports:

Documents: Birth Certificates

OUTPUTS:

Files: Coverage Transaction, Coverage Data Base

Screens: Coverage Upgrade Application Screen (ECAS130)

Reports:

Documents:

INTERFACE:

Invoked by: Coverage Subsystem Driver

Transfers to: Coverage Subsystem Driver
AESIS Main Menu

STANDARD MODULES:

Name:

Function:

PROCESSING LOGIC

Validate operator as Auditor type. If auditor initiate, get previous Data Entry transaction; calculate the purchase amount, payments, and loan amount, if any; write Auditor transaction; send screen and return to CICS.

If Auditor accept, calculate payment due date, flag transaction record of pending acceptance; insert new coverage periods and flag them as purchased; delete corresponding uncovered periods segments.

If Auditor modify, insure lock on, get previous transaction for modification; check validity and eligibility; insert transaction segment with modified record; send verification screen and return to CICS.

If Auditor hold, inspect, or reject, flag transaction segment as hold, inspect, or reject status; release lock; send verification

screen and return to CICS

INSERT I/O DIAGRAM

PROCESS CONTROL

PROGRAM ECAP140

UPGRADING PERIODS AUDIT

1000-INITIALIZATION

MOVE COMAREA DATA TO WS-COMAREA

IF PROGRAM-STATE = 1

GO TO 3000-PROGRAM-STATE-1

ENDIF

2000-CALC-PAYMENTS

READ PP=TABLE4 ON WS-AGE

COMPUTE WS-LUMP-SUM1 EQUAL SALARY TIMES PP-TABLE4-FACTOR

COMPUTE TOTL-LUMP-SUM1 EQUAL WS-LUMP-SUM1

TIMES WS-WHOLE-MONTHS

DIVIDED BY 12

COMPUTE WS-LUMP-SUM1 EQUAL APPLIC-DATE-SALARY

TIMES PP-TABLE4-FACTOR

TIMES 40 PERCENT

COMPUTE TOT-LUMP-SUM2 EQUAL WS-LUMP-SUM2

TIMES WS-WHOLE-MONTHS

DIVIDED BY 12

IF TOT-LUMP-SUM1 LESS THAN TOT-LUMP-SUM2

MOVE TOT-LUMP-SUM1 TO MAP-PURCHASE-AMOUNT

ELSE

MOVE-TOT-LUMP-SUM2 TO MAP-PURCHASE-AMOUNT

ENDIF

(NOW COMPUTE INSTALLMENT PAYMENTS)

READ PP-TABLE6 ON WE-AGE

COMPUTE NUMBER-OF-PAYMENTS FROM APPLICATION-DATE TILL AGE 60

```

COMPUTE MAP-INSTALLMENT-PAYMENT = MAP-PURCHASE-AMOUNT
      TIMES PP-TABLE6-FACTOR
      DIVIDED BY 100
      DIVIDED BY NUMBER OF PAYMENTS
(NOW COMPUTE LOAN PAYMENTS)
IF LOAN-FLAG = 'NO'
      GO TO 2000-EXIT
ENDIF
READ PP-TABLE7 ON WE-AGE
COMPUTE MAP-5 YEAR-LOAN = MAP-PURCHASE-AMOUNT
      DIVIDED BY PP-TABLE7-FACTOR 1
      ROUNDED TO NEXT PIASTRE
COMPUTE MAP-10 YEAR-LOAN = MAP-PURCHASE-AMOUNT
      DIVIDED BY PP-TABLE7-FACTOR 2
      ROUNDED TO NEXT PIASTRE
COMPUTE MAP-15 YEAR-LOAN = MAP-PURCHASE-AMOUNT
      DIVIDED BY PP-TABLE7-FACTOR 3
      ROUNDED TO NEXT PIASTRE
2000-EXIT
SET COM-PROGRAM-STATE TO 1
EXEC CICS SEND
      MAPSET (EC0S000S)
      MAP (ECAS130)
      FROM (MAP-AREA)
      FREEKB
      ERASE
      CURSOR

```

END-EXEC

EXEC CICS RETURN

TRANS-ID (COM-TRANS-ID)

COMMAREA (DFH-COMMAREA)

LENGTH (COM-LENGTH)

END-EXEC

3000-PROGRAM-STATE-1

EXEC CICS RECEIVE

MAPSET (ECASOOOS)

MAP (ECAS130)

INTO (MAP-AREA)

END-EXEC

MOVE COM-SIN TO COVERAGE-SSA

IF PFK = CANCEL

SET MESSAGE-LINE TO 'CANCELED AT OPERATOR REQUEST'

EXEC CICS SEND

MAPSET (ECASOOOS)

MAP (ECAS130)

TEXT FROM (MESSAGE-LINE)

LENGTH (79)

FREEKB

ERASE

CURSOR

END-EXEC

GO TO 9999-TERMINATE

ENDIF

IF PFK = RETURN

```

EXEC CICS XCTL
      PROGRAM (COVERAGE-DRIVER)
      COMMAREA (DFGCINAREA)
      LENGTH (COM-LENGTH)
END-EXEC

ENDIF

IF PFK = MAIN-MENU
      EXEC CICS XCTL
            PROGRAM (EC0POOO)
            COMMAREA (DFHCOMAREA)
            LENGTH (COM-LENGTH)
      END-EXEC
ENDIF

GO TO 4000-ACCEPT, 5000-HOLD-INSPECT-REJECT, 6000-MODIFY
      DEPENDING ON MAP-ACCEPT-FLAG

4000-ACCEPT

CALL 'DATEDIM' TO DETERMINE DAYS UNTIL END OF NEXT MONTH
CALL 'DATENEW' TO CONVERT LAST DAY OF NEXT MONTH
      TO MAP-PAYMENT-DUE-DATE

MOVE DATA TO TRANSACTION RECORD AREA
MOVE 'UPDATE PENDING' TO TRANSACTION RECORD STATUS-CODE
SUBTRACT 1 FROM TRANS-RECORD-COUNT IN TRANS-SSA
CALL 'CBLTDLI' USING (UPDAT TRANS WITH APPROVED STATUS)
      INSERT
      TRANSACTION-PCB
      TRANS-SSA

MOVE TRANS-START TO COVERAGE-PERIODS-SSA

```

```
CALL 'CBLTDLI' USING
    GET HOLD UNIQUE
    COVERAGE-PERIODS-PCB
    COVERAGE-SSA
    COVERAGE-PERIODS-SSA
MOVE 92 (UPGRADED) TO PERIOD-STATUS-CODE
CALL 'CBLTDLI' USING
    REPLACE
    COVERAGE-PERIODS-PCB
    COVERAGE-SSA
    COVERAGE-PERIODS-SSA
```

4020-UPDATE-TRANS

```
SUBTRACT 1 FROM TRANS-RECORD-COUNT IN TRANS-SSA
SET TRANS-STATUS-CODE TO 'FINAL DISPOSITION'
CALL 'CBLTDLI' USING
    INSERT
    TRANSACTION-PCB
    TRANS-SSA
REMOVE LOCK
CALL 'CBLTDLI' USING      (TRANSACTION IS NOW COMPLETED.
    REPLACE                REMOVE LOCK)
    INDIVIDUAL-PCB
    INDIVIDUAL-SSA
SET MESSAGE-LINE TO 'DATABASE UPDATED & TRANSACTION COMPLETED'
GO TO 9999-SEND-SCREEN
```

5000-HOLD-INSPECT-REJECT

SET TRANSACTION STATUS-CODE TO 'H' 'I' OR 'R'
DEPENDING ON MAP-ACCEPTANCE-FLAG
SUBTRACT 1 FROM TRANS-RECORD-COUNT IN TRANS-SSA
CALL 'CBLTDLI' USING
INSERT
TRANSACTION-PCB
TRANS-SSA
REMOVE LOCK
CALL 'CBLTDLI' USING
REPLACE
INDIVIDUAL-PCB
INDIVIDUAL-SSA
SET MESSAGE-LINE TO INDICATE DB UNLOCKED
WITH HOLD, INSPECT, OR REJECT STATUS
GO TO 999-SEND SCREEN

6000-MODIFY

IF INDIVIDUAL-LOCK IS OFF
SET LOCK ON
CALL 'CBLTDLI' USING
REPLACE
INDIVIDUAL-PCB
INDIVIDUAL-SSA

ENDIF

***** VALIDATE NEW MODIFICATIONS

IF PERIOD-START-DATE NOT LESS THAN CONTRIBUTION-START-DATE
SET MESSAGE-LINE TO 'START DATE MUST BE LESS THAN

CONTRIBUTION START DATE'

GO TO 9999-BAD-ENDING

ENDIF

IF APPLICATION-DATE GREATER THAN CURRENT-DATE

SET MESSAGE-LINE TO 'APPLIC DATE GREATER THAN CURR DATE'

GO TO 4999-BAD-ENDING

ENDIF

6020-ELIGIBILITY-CHECK

IF COVERAGE-END-DATE NOT EQUAL ZERO

SET MESSAGE-LINE TO 'NOT CURRENTLY COVERED -INELIGIBLE'

GO TO 4999-BAD-ENDING

ENDIF

PERFORM PENSIONABLE-AGE-ROUTINE

IF APPLICATION-DATE NOT LESS THAN PENSIONABLE-AGE-DATE

SET MESSAGE-LINE TO 'APPLICATION DATE MUST BE BEFORE
PENSIONABLE AGE'

GO TO 4999-BAD-ENDING

ENDIF

* A PERIOD STATUS CODE OF 53, 58, OR 59 DEFINES THAT PERIOD
* BEFORE 9/1/75 FOR WHICH THE INSURED IS ENTITLED TO END OF
* WORKING PERIOD COMPENSATION

* ADJUST PERIOD START DATE TO BEGINNING OF MONTH

IF PERIOD-START-DAY NOT EQUAL 1

ADD 1 TO PERIOD-START-MONTH

MOVE 1 TO PERIOD-START-DAY

ENDIF

6030-FIND-ELIGIBLE-SEGMENT

IF PERIOD-STATUS-CODE EQUAL 53,58, OR 59

IF SIO-CONTRIB-START-DATE BETWEEN COVERAGE START AND END
DATES

MOVE EMPLOYER-BIN TO HOLD-BIN

IF PERIOD-START-DATE GREATER THAN

COVERAGE-START-DATE

COMPUTE DAY-COUNT FROM PERIOD-START-DATE TO

COVERAGE-END-DATE

COMPUTE MONTH-COUNT FROM PERIOD-START-DATE

TO SIO-CONTRIB-START-DATE

ELSE

COMPUTE DAY-COUNT FROM COVERAGE-START-DATE TO

COVERAGE-END-DATE

COMPUTE MONTH-COUNT FROM COVERAGE-START-DATE TO

SIO-CONTRIB-START-DATE

ENDIF

ADD DAY-COUNT TO TOTAL0-COVERD-DAYS

ADD MONTH-COUNT TO TOTAL-UPGRADE-MONTHS

GO TO 6040-FOUND-ELIGIBLE-SEGMENT

ENDIF

ENDIF

CALL 'DATEDIF' USING

COVERAGE-START-DATE

COVERAGE-END-DATE

DAY-COUNT

```

ADD DAY-COUNT TO TOTAL-COVERED-DAYS
READ NEXT COVERAGE-PERIODS SEGMENT
IF NO MORE RECORDS
    SET MESSAGE-LINE TO 'ELIGIBLE SEGMENT NOT FOUND'
    GO TO 4999-BAD-ENDING
ELSE
    GO TO 6030-FIND-ELIGIBLE-SEGMENT
ENDIF
6040-FOUND-ELIGIBLE-SEGMENT
    IF PERIOD-START-DATE GREATER THAN COVERAGE-START-DATE
        GO TO 6050-LOAN-ELIGIBILITY
    ENDIF
    READ NEXT COVERAGE-PERIODS SEGMENT
    IF NO MORE RECORDS
        GO TO 6050-LOAN-ELIGIBILITY
    IF PERIOD-STATUS-CODE NOT EQUAL 53, 58, OR 59
        GO TO 6050-LOAN ELIGIBILITY
    IF PERIOD-START-DATE GREATER THAN COVERAGE-START-DATE
        COMPUTE DAY-COUNT FROM PERIOD-START-DATE TO COVERAGE-
        END-DATE
        COMPUTE MONTH-COUNT FROM PERIOD-START-DATE TO COVERAGE-
        END-DATE
    ELSE
        COMPUTE DAY-COUNT FROM COVERAGE-START-DATE TO COVERAGE-
        END-DATE
        COMPUTE MONTH-COUNT FROM COVERAGE-START-DATE TO COVERAGE-
        EMDADATE
    ENDIF

```

```

ADD DAY-COUNT TO TOTAL-COVERED-DAYS
GO TO 6040-FOUND-ELIGIBLE-SEGMENT
6050-LOAN-ELIGIBILITY
  MOVE COVERAGE-START-DATE TO TRANS-START
  SET LOAN-FLAG TO 'YES'
  IF DOB GREATER THAN 4/1/34
    SET LOAN-FLAG TO 'NO'
  ENDIF
  CALL 'DATEDIF' USING
    DOB
    APPLICATION-DATE
    WS-AGE
  DIVIDE WS-AGE BY 365 ROUNDED UP
  DIVIDE TOTAL-COVERED-DAYS BY 365 GIVING COVERED-YEARS
  IF WE-AGE NOT LESS THAN 60
    IF COVERED-YEARS LESS THAN 9
      SET LOAN-FLAG TO 'NO'
    ENDIF
  ELSE
    IF COVERED-YEARS LESS THAN 19
      SET LOAN-FLAG TO 'NO'
    ENDIF
  ENDIF
6060-ELIGIBLE
  IF LOAN-FLAG = 'YES'
    SET MESSAGE-LINE TO `ELIGIBLE FOR PURCHASE AND LOAN`
  ELSE

```

```

        SET MESSAGE-LINE TO 'ELIGIBLE FOR PURCHASE WITHOUT LOAN'
    ENDIF
    SET TRANSACTION STATUS-CODE TO 'AUDITOR MODIFIED'
    SUBTRACT 1 FROM TRANS-RECORD-COUNT
    CALL 'CBLTDLT' USING
        INSERT
        TRANSACTION-PCB
        TRANS-SSA
    SET COM-PROGRAM-STATE TO ZERO
    GO TO 9999-SEND-SCREEN
9999 SEND-SCREEN
    EXEC CICS SEND
        MAPSET (ECAS0005)
        MAP     (ECAS125)
        FROM    (MAP-AREA)
    END-EXEC
9999-TERMINATE
    EXEC CICS RETURN
        TRANS-ID (COM-TRANS-ID)
        COMMAREA (DFHCOMAREA)
        LENGTH   (COM-LENGTH)
    END-EXEC
9999-BAD-ENDING
    EXEC CICS SEND
        FROM (MESSAGE-LINE)
        LENGTH (79)
    END-EXEC

```

SET-COMTRAN-ID TO 9999

GO TO 9999-TERMINATE

PROGRAM DESCRIPTION

System: Coverage Date f.c.: 31 July 1984
Subsystem: Law 50 Date l.u.: 12 Sept. 1984
Function: Inspector Processing Phase: 2
Program: ECAP210 - Inspection Processing
CICS Trans ID: A210
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 segment, 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 (ECAS210)
Reports: Daily Transaction Report
Documents: None

Communications Area: CICS Communication Area

OUTPUTS:

Files: Coverage Transaction Database

Screens: Inspection Assignment (ECAS210)

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

PROCESSING LOGIC

0000-MAIN-PROCESS

IF COM-PROGRAM-STATE = 1

GO TO 1000-INITIALIZATION

ELSE

IF COM-PROGRAM-STATE =2

GO TO 2000-PROCESS-ASSIGNMENT-DATA

ELSE

IF COM-PROGRAM-STATE = 3

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 9999

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 (ECAS210)
SET COM-PANEL-SET TO MAP-SET-NAME (ECAS0005)
SET COM-TRAN-ID TO PROGRAM-TRANSACTION-ID (A210)
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'
SET COM-PROGRAM-STATE TO 2
GO TO 9910-SEND-AND-RETURN
```

2000-PROCESS-ASSIGNMENT-DATA

PERFORM 2910-RECEIVE-SCREEN

IF PFK-ENTER-KEY

PERFORM 2100-EDIT-ASSIGNMENT

ELSE

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 NOT CURRENTLY DEFINED)

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'
                        'VERIFY UPDATE'
                        'RESTART'
SET MESSAGE-CODE TO 'PRESS VERIFY PFK FOR UPDATE'
SET PROGRAM-STATE TO 3
```

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

PERFORM 3100-POST-TRANSACTION

ELSE

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

CALL 'CBLTDLI' FOR GET HOLD UNIQUE COVERAGE-RECORD

GREATER THAN SSA1

SET-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

SET COM-STATUS-CODE TO '31'

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 EMPEY

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-SET)

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 50 Date l.u.: 12 Sept. 1984
Function: Inspector Processing Phase: 2
Program: ECAP220 - Inspection Results
CICS Trans ID: A220
Author :DSMC

Description:

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

Utilizing the data from the Communication 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 (ECAS220)
Reports: Daily Inspection Report
Documents: None
Communications Area: CICS Communications Area

OUTPUTS:

Files: Coverage Transaction Database
Screens: Inspection Results (ECAS220)
Reports: None
Documents: None
Communications Area: CICS Communication Area

INTERFACE:

Invoked by: Coverage System Driver

Transfers to: Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

PROCESSING LOGIC

0000-MAIN-PROCESS

```
IF COM-PROGRAM-STATE = 1
    GO TO 1000-INITIALIZATION
ELSE
IF COM-PROGRAM-STATE = 2
    GO TO 2000-PROCESS-RESULTS-DATA
ELSE
IF COM-PROGRAM-STATE = 3
    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 9999
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 (ECAS220)
SET COM-PANEL-SET TO MAP-SET-NAME (ECAS0005)
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'
SET COM-PROGRAM-STATE TO 2
GO TO 9910-SEND-AND-RETURN
2000-PROCESS-RESULTS-DATA
    PERFORM 2910-RECEIVE-SCREEN
    IF PFK-ENTER-KEY
        PERFORM 2100-EDIT-RESULTS
    ELSE
        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'
                'VERIFY-STOP'
                'VERIFY-CONTINUE'

SET MESSAGE-CODE TO 'PRESS VERIFY PFK FOR UPDATE'
SET PROGRAM-STATE TO 4

2910-RECEIVE-SCREEN
EXEC CICS RECEIVE
        MAPSET (COM-PANEL-SET)
        MAP (COM-PANEL)
        SET (COM-PANEL-POINTER)
END-EXEC

3000-PROCESS-VERIFY
PERFORM PFK-VERIFY-CONTINUE
        SET NEW-STATUS-CODE TO '35'
        PERFORM 3100-POST-TRANSACTION
ELSE
IF PFK-VERIFY-STOP
        SET NEW-STATUS-CODE TO '36'
        PERFORM 3100-POST-TRANSACTION
ELSE
IF PFK-EXIT
        SET MESSAGE-CODE TO 'PROGRAM TERMINATED'
        GO TO 9920-SEND-AND-TERMINATE
ENDIF

```

GO TO 9910-SEND-AND-RETURN

3100-POST

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

CLEAR MAP DATA

SET MESSAGE-CODE TO 'SUCCESSFUL UPDATE'

SET COM-ACTIVE-PFKS TO 'EXIT'

'ENTER KEY'

SET PROGRAM-STATE TO 2

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
```

PROGRAM DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 50 Date f.c.: 29 August 1984
Function: Data Base Inquiry Date l.u.: 12 September 1984
Program: ECAP310 - Query by SIN Phase: 2

CICS Trans ID: A310

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: Coverage, Individual, Tables Databases

Screens: Query by SIN (ECAS310)

Reports: None

Documents: Inquiry Request

Communications Area: CICS Communications Area

OUTPUTS:

Files: None

Screens: Query by SIN (ECAS310)

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 (ECAM310)
SET COM-PANEL TO MAP-NAME (ECAS310)
SET COM-TRAN-ID TO PROGRAM TRANSACTION ID
SET COM-ACTIVE-PF KEYS TO 'ENTER NEW SIN'
                        'EXIT'
PERFORM 9000-SEND-SCREEN
SET COM-PROGRAM-STATE TO 1
PERFORM 9100-RETURN
```

2000-RETRIEVE-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 RECORD

IF FOUND

FORMAT THE COVERAGE INQUIRY SCREEN

PERFORM 9000-SEND-SCREEN

ELSE

SET MSG-LINE TO 'COVERAGE DOES NOT EXIST'

SET COM-TRAN-ID TO PROGRAM TRANSACTION ID

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

'EXIT'

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 50	Date f.c.:	06 August 1984
Function:	Local Office Transaction Processing	Date l.u.:	12 September 1984
Program:	ECAP410-Batch Input Transaction Processing	Phase:	2

CICS Trans ID: A410

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 codes 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 (provided to the Coverage System Driver), records on the Coverage Transaction Database, and the modified record in the Control Database.

INPUTS:

Files: Coverage Transaction, Control Databases

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

Transfers to: Coverage Driver

STANDARD MODULES:

Name: None

Function: None

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 FORM

System: Coverage Date f.c.: 7/31/84
Subsystem: Law 50 Date l.u.: 8/28/84
Function: Batch Processing Phase: 2
Program: ECAP420 - Archive Coverage Transactions
CICS Trans ID: A420
Author: SWB & JEL

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

OUTPUTS:

Files: Coverage Archive File, Coverage Transaction, Control
Control Databases
Screens: None
Reports: Coverage Archive Report (ECAP420)
Documents: None

INTERFACE:

Invoked by: Operating System
Transfers to: Operating System

STANDARD MODULES:

Name: None

Function: None

INSERT I/O DIAGRAM HERE

PROCESSING LOGIC:

READ ARCHIVE-CONTROL-PARAMETER FILE
FOR LAST-ACTIVITY-DATE-PARM
CALL 'DATECEI' USING LAST-ACTIVITY-DATE-PARAM
COMPARE-DATE-PARAM
TO CONVERT DATE PARAM TO INTERNAL-FORMAT
FORMAT SSA1 FOR

STATUS-CODE EQUAL TO

`19` OR '28' OR '29' OR '48' OR '49' OR '58'
OR '59'

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

CALL 'CBLTDLI' FOR GET HOLD NEXT

COVERAGE-TRANSACTION-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 1200-PRINT-AND-DELETE-RELATED

1200-PRINT-AND-DELETE-RELATED

```
IF RECORD-COUNT NOT EQUAL 9999
    SET MORE-WITH-SAME-TRAN-EXIST TO YES
    SET SSA3 TO COVERAGE-TRANSACTION-NBR
    PERFORM 1210-PRINT-AND-DELETE
        UNTIL MORE-WITH-SAME-TRAN-EXIST = NO
ENDIF
```

```
1210-PRINT-AND-DELETE
```

```
CALL 'CBLTDLI' FOR GET HOLD NEXT
    COVERAGE-TRANSACTION-RECORD
    EQUAL TO SS
```

```
IF NONE FOUND
```

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

```
ELSE
```

```
    PERFORM 2000-PRINT-REPORT
```

```
    PERFORM 3000-DELETE-TRAN
```

```
ENDIF
```

```
2000-PRINT-REPORT
```

```
    FORMAT PRINT-LINE FROM
```

```
        COVERAGE-TRANSACTION-RECORD
```

```
    WRITE PRINT-LINE
```

```
3000-DELETE-TRAN
```

```
    CALL 'CBLTDLI' FOR DELETE
```

```
        COVERAGE-TRANSACTION-RECORD
```

```
8000-RUN-STATISTICS
```

```
    DISPLAY RUN STATISTICS:
```

```
        COUNT OF ARCHIVED TRANSACTIONS
```

PROGRAM DESCRIPTION

System: Coverage	Author: DSMC
Subsystem: Law 50	Date f.c.: 06 August 1984
Function: Eligibility Report Generation	Date l.u.: 14 September 1984
Program: ECAP510 - Eligibility Report	Phase: 2

CICS Trans ID: A510

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 50. 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: Table, Coverage Transaction Data Base
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: ECOP050 Coverage System Driver
Transfers to: ECOP050 Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE.

PERFORM 1000-INITIALIZATION

PERFORM 2000-GET-REPORT-PARM

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

WRITE RECORD TO SORT FILE

ELSE

CALL 'CBLTDLI' TO GET NEXT RECORD

ENDIF

2000-WRITE ELIGIBILITY-REPORT SECTION.

MOVE CURRENT DATE TO THE RDN-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 50	Date f.c.: 06 August 1984
Function: Termination Report Generation	Date l.u.: 14 September 1984
Program: ECAP520 - Termination Report	Phase: 2

CICS Trans ID: A520

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 50. 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 Database

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: ECOP050 Coverage System Driver

Transfers to: ECOP050 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
    WRITE RECORD TO SORT FILE
ELSE
    CALL 'CBLTDLI' TO GET NEXT RECORD
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 50	Date f.c.:	06 August 1984
Function:	Daily Transaction Report Generation	Date l.u.:	12 September 1984
Program:	ECAP530 - Daily Transaction Report	Phase:	2

CICS Trans ID: A530

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 50. 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 Data Base
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: ECOP050 Coverage System Driver
Transfers to: ECOP050 Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

PERFORM 1000-INITIALIZATION

PERFORM 2000-GET-REPORT-PARM

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

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

WRITE RECORD TO SORT FILE

ELSE

CALL 'CBLTDLI' TO GET NEXT RECORD

ENDIF

2000-WRITE-TRANSACTION-REPORT SECTION.

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE ELIGIBLE 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 50 Date f.c.: 06 August 1984
Function: Daily Transaction Report Generation Date l.u.: 12 September 1984
Program: ECAP540 - Local Office Report Phase: 2

CICS Trans ID: A540

Description:

The Local Office Report Program will be executed in batch mode to print out the pertinent data for every individual within a field office who has initiated a transaction under Law 50. 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 Data Base
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: ECOP050 Coverage System Driver
Transfers to: ECOP050 Coverage System Driver

STANDARD MODULES:

Name: None

Function: None

page for diagram

PROCESSING LOGIC

0000-MAINLINE

PERFORM 1000-INITIALIZATION

PERFORM 2000-GET-REPORT--PARM

IF COM-REPORT-FLAG IS SET ON

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

PERFORM 2000-WRITE-LOCAL-OFFICE-REPORT UNTIL END OF FILE

SET COM-REPORT-FLAG OFF

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

WRITE RECORD TO SORT FILE

ELSE

CALL 'CBLTDLI' TO GET NEXT RECORD

ENDIF

2000-WRITE-LOCAL-OFFICE-REPORT SECTION.

MOVE CURRENT DATE TO THE RUN-REPORT-DATE

MOVE ELIGIBLE 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

INPUT DOCUMENT DESCRIPTION FORM

System: Coverage

Subsystem: Law 50

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

Format Type: Input Document

User: 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	- SIN	PIC 9(09)
4	- NAME	PIC X(40)
5	- OCCUPATION DESC.	PIC X(15)
6	- APPLICATION DATE	PIC X(10)
7	- OCCUPATION DATE	PIC X(10)
8	- MONTHLY INCOME	PIC 9(03)V99
9	- RETIREMENT AGE	PIC 9(02)
10	- COUNTRY OF EMPLOY CODE	PIC 9(02)
11	- COUNTRY OF EMPLOY DESC	PIC X(15)
12	- CURRENCY PAY. CODE	PIC 9(02)
13	- CURRENCY PAY. DESC	PIC X(15)

INPUT DOCUMENT DESCRIPTION FORM

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Document Name: Coverage Application
Change

Phase: 2

Document ID: Form 173

Description:

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

Format Type: Input Document

User: 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	- SIN	PIC 9(09)
4	- NAME	PIC X(40)
5	- OCCUPATION DESC.	PIC X(15)
6	- ADDRESS (BUILDING NUMBER AND STREET NAME)	PIC X(35)
7	- POLICE GOVERNATE	PIC 9(02)
8	- GOVERNATE NAME	PIC X(15)
9	- POLICE STATION	PIC 9(02)
10	- POLICE STA. NAME	PIC X(15)
11	- POLICE UNIT	PIC 9(02)
12	- POLICE UNIT NAME	PIC X(15)
13	- APPLICATION DATE	PIC X(10)
14	- MONTHLY INCOME	PIC 9(03)V99
15	- RETIREMENT AGE	PIC 9(02)
16	- COUNTRY OF EMPLOY CODE	PIC 9(02)
17	- COUNTRY OF EMPLOY DESC	PIC X(15)
18	- CURRENCY PAY CODE	PIC 9(02)
19	- CURRENCY PAY DESC	PIC X(15)

INPUT DOCUMENT DESCRIPTION FORM

System: Coverage

Subsystem: Law 50

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

Format Type: Input Document

User: 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	- SIN	PIC 9(09)
4	- NAME	PIC X(40)
5	- TERMINATION DATE	PIC X(10)
6	- TERMINATION DESC.	PIC X(15)
7	- TERM. FORM DATE	PIC X(10)

INPUT DOCUMENT DESCRIPTION FORM

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Document Name: Purchase Period
Application

Phase: 2

Document ID: Form 1

Description:

This document allows a covered individual to apply for purchasing a past uncovered or suspended period.

Format Type: Input Document

User: SIO

Input Frequency:

Input Volume:

Comments:

Referen Number	Data		Notes
1	- REGION NAME	PIC X(15)	
2	- LOCAL OFFICE NAME	PIC X(15)	
3	- SIN	PIC 9(09)	
4	- NAME	PIC X(40)	
5	- APPLICATION DATE	PIC X(10)	
6	- PERIOD START DATE	PIC X(10)	
7	- PERIOD END DATE	PIC X(10)	
8	- PAYMENT METHOD CODE	PIC 9(02)	
9	- PAYMENT METHOD DESC	PIC X(15)	

SCREEN DESCRIPTION

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Screen Name: Coverage Functions

Phase: 2

Screen ID:

Description:

This screen enables the Data Entry Clerk to select the appropriate application for data capture.

User: Data Entry Clerk

Type:

Document Name:

Hard Copy: No

Comments:

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

COVERAGE SUBSYSTEM

--/---/---

F U N C T I O N S

PF KEY

COVERAGE APPLICATION

1

MODIFY COVERAGE DATA

2

COVERAGE TERMINATION

3

PURCHASE PERIODS

4

COVERAGE INQUIRY

6

RETURN TO COVERAGE MENU

7

RETURN TO MAIN MENU

8

SCREEN DESCRIPTION

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Screen Name: Coverage Application

Phase: 2

Screen ID:

Description:

This screen is used to capture the data necessary to establish an individual on the Coverage Database. The entered data will be edited and the fields found to be in error will be highlighted. The data entry clerk will then be able to make the necessary changes.

User: Data Entry Clerk

Type: Document Entry

Document Name: Coverage Application (Form 1)

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	OCCUPATION CODE	PIC 9(05)	DISPLAY PIC X(14)
10	OCCUPATION DESC.	PIC X(15)	DISPLAY N/A
11	ADDRESS (BUILDING NUMBER AND STREET NAME)	PIC X(35)	DISPLAY PIC X(07)
12	POLICE GOVERNATE	PIC 9(02)	DISPLAY PIC X(??)
13	GOVERNATE NAME	PIC X(15)	DISPLAY N/A
14	POLICE STATION	PIC 9(02)	DISPLAY PIC X(??)
15	POLICE STA. NAME	PIC X(15)	DISPLAY N/A
16	POLICE UNIT	PIC 9(02)	DISPLAY PIC X(??)
19	POLICE UNIT NAME	PIC X(15)	DISPLAY N/A
20	APPLICATION DATE	PIC X(10)	ENTER PIC X(11)
21	OCCUPATION DATE	PIC X(10)	ENTER PIC X(13)
22	MONTHLY INCOME	PIC 9(03)V99	ENTER PIC X(12)
23	CONTRIBUTION CODE	PIC 9(02)	ENTER PIC X(11)
24	RETIREMENT AGE	PIC 9(02)	DISPLAY PIC X(10)
25	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
26	- COUNTRY OF EMP CODE	PIC 9(02)	ENTER
27	- COUNTRY OF EMP DESC	PIC X(15)	DISPLAY

28	- CURRENT PAY CODE	PIC 9(02)	ENTER
29	- CURRENT PAY DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM
COVER APPLI

___/___/___

TRANSACTION NUM: _____ APPLICATION DATE: ___/___/___

REGIO: _____ LOCA: _____ UNIT: _____

SOCIAL INS NUM: _____ NAME: _____

OCCUPATION CODE: _____ OCCUPAT. DTAE: ___/___/___

ADDRESS: BLDG NR: _____ STREET: _____

GVCODE: _____ PSCODE: _____ PUCODE: _____

COUNTRY OF EMPLOY CODE: _____

CURRENCY PAY CODE: _____

MONTHLY INCOME: _____ CONTRIB CODE: _____

RETIR. AGE: _____

- ENTER KEY - PROCESS APPLICATION
- PF1 - REFRESH SCREEN
- PF2 - CANCEL APPLICATION
- PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
- PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Coverage Application Phase: 2
Change
Screen ID:

Description:

This screen is used to enter the changes on a covered individual. The entered data will be edited and the field found to be in error will be highlighted. The Data Entry Clerk will then be able to make the necessary changes.

User: Data Entry Clerk

Type: Document Entry

Document Name: Coverage Application Change (Form 173)

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	OCCUPATION CODE	PIC 9(05)	ENTER PIC X(14)
10	OCCUPATION DESC.	PIC X(15)	DISPLAY N/A
11	ADDRESS (BUILDING NUMBER AND STREET NAME)	PIC X(35)	DISPLAY PIC X(07)
12	POLICE GOVERNATE	PIC 9(02)	DISPLAY PIC X(??)
13	GOVERNATE NAME	PIC X(15)	DISPLAY N/A
14	POLICE STATION	PIC 9(02)	DISPLAY PIC X(??)
15	POLICE STA. NAME	PIC X(15)	DISPLAY N/A
16	POLICE UNIT	PIC 9(02)	DISPLAY PIC X(??)
17	POLICE UNIT NAME	PIC X(15)	DISPLAY N/A
18	APPLICATION DATE	PIC X(10)	ENTER PIC X(11)
19	OCCUPATION DATE	PIC X(10)	ENTER PIC X(13)
20	MONTHLY INCOME	PIC 9(03)V99	ENTER PIC X(12)
21	CONTRIBUTION CODE	PIC 9(02)	ENTER PIC X(11)
22	RETIREMENT AGE	PIC 9(02)	ENTER PIC X(10)
23	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
24	COUNTRY OF EMP CODE	PIC 9(02)	ENTER
25	- COUNTRY OF EMP DESC	PIC X(15)	DISPLAY

26	- CURRENT PAY CODE	PIC 9(02)	ENTER
27	- CURRENT PAY DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM
COVER APPL CHANGE ___/___/___

TRANSACTION NUM: _____ APPLICATION DATE: ___/___/___
REGIO: _____ LOCA: _____ UNIT: _____
SOCIAL INS NUM: _____ NAME: _____
OCCUPATION CODE: _____ OCCUPAT. DTAE: ___/___/___
ADDRESS: BLDG NR: _____ STREET: _____
GV CODE: _____ PSCODE: _____ PUCODE: _____
COUNTRY OF EMPLOY CODE: _____
CURRENCY PAY CODE: _____
MONTHLY INCOME: _____ CONTRIB CODE: _____
RETIR. AGE: _____

ENTER KEY - PROCESS APPLICATION
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Coverage Termination Phase: 2

Screen ID:

Description:

This screen is used to capture the data necessary to terminate an individual from his current employer and to close his coverage period. The entered data will be edited and the fields found to be in error will be highlighted. The Data Entry Clerk will then be able to make the necessary changes.

User: Data Entry Clerk

Type: Document Entry

Document Name: Coverage Termination (Form 6)

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC x(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	TERMINATION DATE	PIC X(10)	ENTER PIC X(19)
10	TERMINATION REASON	PIC 9(02)	ENTER PIC X(17)
11	TERMINATION DESC.	PIC X(15)	DISPLAY PIC X(??)
12	TERM. FORM DATE	PIC X(10)	ENTER PIC X(20)
13	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM
COVER TERMINATION --/--/----

TRANSACTION NUM: -----

REGIO: ----- LOCA: ----- UNIT: -----

SOCIAL INS NUM: ----- NAME: -----

TERM. FORM DATE: --/--/---- TERMINATION DATE: --/--/----

TERM REASON CODE: --

- ENTER KEY - PROCESS APPLICATION
- PF1 - REFRESH SCREEN
- PF2 - CANCEL APPLICATION
- PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
- PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Purchase Period Application Phase: 2
Screen ID:

Description:

This screen is used to capture the data necessary for an individual to purchase a past uncovered period or a suspended period. The entered data will be edited, and the fields found to be in error will be highlighted. The Data Entry Clerk will then be able to make the necessary changes.

User: Data Entry Clerk

Type: Document Entry

Document Name: Purchase Period Application

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	OCCUPATION CODE	PIC 9(05)	DISPLAY PIC X(14)
10	DATE OF BIRTH	PIC X(10)	DISPLAY X(12)
11	APPLICATION DATE	PIC X(10)	ENTER PIC X(11)
12	OCCUPATION DATE	PIC X(10)	DISPLAY PIC X(13)
13	CURRENT MNTH INCOME	PIC 9(03)V99	DISPLAY PIC X(12)
14	PERIOD START DATE	PIC X(10)	ENTER PIC X(??)
15	PERIOD END DATE	PIC X(10)	ENTER PIC X(??)
16	PURCHASE AMOUNT	PIC 9(05)V99	DISPLAY PIC X(??)
17	INSTALL PAYMENT	PIC 9(03)V99	DISPLAY PIC X(??)
18	LOAN PAYMENT	PIC 9(03)V99	DISPLAY PIC X(??)
19	ACCEPTANCE CODE	PIC 9(02)	ENTER PIC X(??)
20	PAYMENT DATE	PIC X(10)	ENTER PIC X(??)
21	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
22	- PAYMENT METHOD CODE	PIC 9(02)	ENTER
23	- PAYMENT METHOD DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

PURCHASE PERIOD APPLICATION ___/___/___

TRANSACTION NUM: _____ APPLIC DATE: ___/___/___ OCCUP DATE: ___/___/___

REGIO: _____ LOCA: _____ UNIT: _____

SOCIAL INS NUM: _____ NAME: _____

PAYMENT METHOD CODE: _____

BIRTH DATE: ___/___/___ MONTHLY INCOME: _____.__ PURCHASE AMT: _____.__

INSTALL PAYMENT: _____.__ LOAN PAYMENT: _____.__ ACCEPTANCE CODE: ___

PERIOD START DT: ___/___/___ PERIOD END DT: ___/___/___ PAY DT: ___/___/___

ENTER KEY - PROCESS APPLICATION
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Audit Coverage Phase: 2
Application
Screen ID:

Description:

This screen allows the auditor to view the application data captured by the Data Entry Clerk on the application screen. If the Auditor decides that the information captured by the Data Entry Clerk is correct, he can then accept the application and process it.

User: Auditor

Type: Document Entry, Application Screen

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	OCCUPATION CODE	PIC 9(05)	DSP/ENTR PIC X(14)
10	OCCUPATION DESC.	PIC X(15)	DISPLAY N/A
11	ADDRESS (BUILDING NUMBER AND STREET NAME)	PIC X(35)	DISPLAY PIC X(07)
12	POLICE GOVERNATE	PIC 9(02)	DISPLAY PIC X(??)
13	GOVERNATE NAME	PIC X(15)	DISPLAY N/A
14	POLICE STATION	PIC 9(02)	DISPLAY PIC X(??)
15	POLICE STA. NAME	PIC X(15)	DISPLAY N/A
16	POLICE UNIT	PIC 9(02)	DISPLAY PIC X(??)
17	POLICE UNIT NAME	PIC X(15)	DISPLAY N/A
18	APPLICATION DATE	PIC X(10)	DSP/ENTR PIC X(11)
19	OCCUPATION DATE	PIC X(10)	DSP/ENTR PIC X(13)
20	MONTHLY INCOME	PIC 9(03)V99	DSP/ENTR PIC X(12)
21	CONTRIBUTION CODE	PIC 9(02)	DSP/ENTR PIC X(11)
22	RETIREMENT AGE	PIC 9(02)	DISPLAY PIC X(10)
23	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
24	COUNTRY OF EMP CODE	PIC 9(02)	DSP/ENTR
25	- COUNTRY OF EMP DESC	PIC X(15)	DISPLAY

26	- CURRENT PAY CODE	PIC 9(02)	DSP/ENTR
27	- CURRENT PAY DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM
AUDIT COVERAGE APPL ___/___/___

TRANSACTION NUM: _____ APPLICATION DATE: ___/___/___
REGIO: _____ LOCA: _____ UNIT: _____
SOCIAL INS NUM: _____ NAME: _____
OCCUPATION CODE: _____ OCCUPAT. DTAE: ___/___/___
ADDRESS: BLDG NR: _____ STREET: _____
GV CODE: _____ PSCODE: _____ PUCODE: _____
COUNTRY OF EMPLOY CODE: _____
CURRENCY PAY CODE: _____
MONTHLY INCOME: _____ CONTRIB CODE: _____
RETIR. AGE: _____

ENTER KEY - PROCESS APPLICATION
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Audit Coverage Phase: 2
Application Change
Screen ID:

Description:

This screen allows the Auditor to view the modifications entered by the Data Entry Clerk and to make any necessary changes to modify the screen. If no modification is needed, the Auditor can process the screen.

User: Auditor

Type: Document Entry, Change Screen

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	OCCUPATION CODE	PIC 9(05)	DSP/ENTR PIC X(14)
10	OCCUPATION DESC.	PIC X(15)	DISPLAY N/A
11	ADDRESS (BUILDING NUMBER AND STREET NAME)	PIC X(35)	DISPLAY PIC X(07)
12	POLICE GOVERNATE	PIC 9(02)	DISPLAY PIC X(??)
13	GOVERNATE NAME	PIC X(15)	DISPLAY N/A
14	POLICE STATION	PIC 9(02)	DISPLAY PIC X(??)
15	POLICE STA. NAME	PIC X(15)	DISPLAY N/A
16	POLICE UNIT	PIC 9(02)	DISPLAY PIC X(??)
17	POLICE UNIT NAME	PIC X(15)	DISPLAY N/A
18	APPLICATION DATE	PIC X(10)	DSP/ENTR PIC X(11)
19	OCCUPATION DATE	PIC X(10)	DSP/ENTR PIC X(13)
20	MONTHLY INCOME	PIC 9(03)V99	DSP/ENTR PIC X(12)
21	CONTRIBUTION CODE	PIC 9(02)	DSP/ENTR PIC X(11)
22	RETIREMENT AGE	PIC 9(02)	DSP/ENTR PIC X(10)
23	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
24	COUNTRY OF EMP CODE	PIC 9(02)	DSP/ENTR
25	- COUNTRY OF EMP DESC	PIC X(15)	DISPLAY

26	- CURRENT PAY CODE	PIC 9(02)	DSP/ENTR
27	- CURRENT PAY DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

AUDIT COVER APPL CHANGE --/--/----

TRANSACTION NUM: ----- APPLICATION DATE: --/--/-----
REGIO: ----- LOCA: ----- UNIT: -----
SOCIAL INS NUM: ----- NAME: -----
OCCUPATION CODE: ----- OCCUPAT. DTAE: --/--/-----
ADDRESS: BLDG NR: ----- STREET: -----
GV CODE: ----- PSCODE: ----- PUCODE: -----
COUNTRY OF EMPLOY CODE: -----
CURRENCY PAY CODE: -----
MONTHLY INCOME: ----- CONTRIB CODE: -----
RETIR. AGE: -----

- ENTER KEY - PROCESS APPLICATION
- PF1 - REFRESH SCREEN
- PF2 - CANCEL APPLICATION
- PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
- PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Audit Coverage Phase: 2
Termination
Screen ID:

Description:

This screen allows the Auditor to view the data captured by the Data Entry Clerk to terminate an individual's coverage. If the Auditor agrees with the entered data, he may then accept the application and process it.

User: Auditor

Type: Document Entry, Termination Screen

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	TERMINATION DATE	PIC 9(10)	DSP/ENTR PIC X(??)
10	TERMINATION REASON	PIC 9(02)	DSP/ENTR PIC X(17)
11	TERMINATION DESC.	PIC X(15)	DISPLAY PIC X(??)
12	TERM. FORM DATE	PIC X(10)	DSP/ENTR PIC X(20)
13	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM
AUDIT COVER TERMINATION ___/___/___

TRANSACTION NUM: _____

REGIO: _____ LOCA: _____ UNIT: _____

SOCIAL INS NUM: _____ NAME: _____

TERM. FORM DATE: ___/___/___ TERMINATION DATE: ___/___/___

TERM REASON CODE: __

ENTER KEY - PROCESS APPLICATION
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage
Subsystem: Law 50 Date f.c.: 7/31/84
Function: Date l.u.: 9/16/84
Screen Name: Audit Purchase Period Phase: 2
Application
Screen ID:

Description:

This screen allows the auditor to view the data captured by the Data Entry Clerk. After the auditor has reviewed the application and determined that no changes are required, he can then process the application. If changes are required he can modify the data and then process it.

User: Auditor

Type: Document Entry, Purchase Period Screen

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- REGION CODE	PIC 9(02)	DISPLAY PIC X(5)
2	- REGION NAME	PIC X(15)	DISPLAY N/A
3	- LOCAL OFFICE CODE	PIC 9(02)	DISPLAY PIC X(4)
4	LOCAL OFFICE NAME	PIC X(15)	DISPLAY N/A
5	UNIT CODE	PIC 9(02)	DISPLAY PIC X(4)
6	UNIT NAME	PIC X(15)	DISPLAY N/A
7	SIN	PIC 9(09)	DISPLAY PIC X(14)
8	NAME	PIC X(40)	DISPLAY PIC X(4)
9	DATE OF BIRTH	PIC X(10)	DISPLAY PIC X(12)
10	APPLICATION DATE	PIC X(10)	DSP/ENTR PIC X(11)
11	OCCUPATION DATE	PIC X(10)	DISPLAY PIC X(13)
12	CURRENT MNTHLY INCM	PIC 9(03)V99	DISPLAY PIC X(12)
13	PERIOD START DATE	PIC X(10)	DSP/ENTR PIC X(??)
14	PERIOD END DATE	PIC X(10)	DSP/ENTR PIC X(??)
15	PURCHASE AMOUNT	PIC 9(05)V99	DISPLAY PIC X(??)
16	INSTALL PAYMENT	PIC 9(03)V99	DISPLAY PIC X(??)
17	LOAN PAYMENT	PIC 9(03)V99	DISPLAY PIC X(??)
18	ACCEPTANCE CODE	PIC 9(02)	DSP/ENTR PIC X(??)
19	PAYMENT DATE	PIC X(10)	DSP/ENTR PIC X(??)
20	TRANSACTION NUMBER	PIC 9(09)	DISPLAY PIC X(??)
21	- PAYMENT METHOD CODE	PIC 9(02)	DSP/ENTR
22	- PAYMENT METHOD DESC	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

AUDIT PURCHASE PERIOD APPLICATION __/__/__

TRANSACTION NUM: _____ APPLIC DATE: __/__/__ OCCUP DATE: __/__/__

REGIO: _____ LOCA: _____ UNIT: _____

SOCIAL INS NUM: _____ NAME: _____

PAYMENT METHOD CODE: _____

BIRTH DATE: __/__/__ MONTHLY INCOME: ____ . ____ PURCHASE AMT: ____ . ____

INSTALL PAYMENT: ____ . ____ LOAN PAYMENT: ____ . ____ ACCEPTANCE CODE: ____

PERIOD START DT: __/__/__ PERIOD END DT: __/__/__ PAY DT: __/__/__

ENTER KEY - PROCESS APPLICATION
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Screen Name: Inspection Assignment

Phase: 2

Screen ID:

Description:

This screen allows the Auditor to assign an inspector to investigate an application.

User: Auditor

Type: Screen

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- TRANSACTION NUMBER	PIC 9(09)	DISPLAY
2	- INSPECTION DATE	PIC X(10)	ENTER
3	- SIN	PIC 9(09)	ENTER
4	- NAME	PIC X(40)	ENTER
5	- INSPECTION REASON CODE	PIC 9(02)	ENTER
6	- INSPECTION REASON DESC.	PIC X(15)	DISPLAY

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

INSPECTION ASSIGNMENT

--/~/---

TRANSACTION NUM: _____

INSPECTION DATE: __/__/---

SOCIAL INS NUM: _____ NAME: _____

INSPECTION REASON: _____

ENTER KEY - PROCESS ASSIGNMENT
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

SCREEN DESCRIPTION

System: Coverage

Subsystem: Law 50

Date f.c.: 7/31/84

Function:

Date l.u.: 9/16/84

Screen Name: Inspection Result

Phase: 2

Screen ID:

Description:

This screen enables the Auditor to record the result of the inspection case assigned to an investigator.

User: Auditor

Type:

Document Name:

Hard Copy: No

Comments:

Reference Number	Data Name		Notes
1	- TRANSACTION NUMBER	PIC 9(09)	DISPLAY
2	- INSPECTION DATE	PIC X(10)	DISPLAY
3	- SIN	PIC 9(09)	DISPLAY
4	- NAME	PIC X(40)	DISPLAY
5	- INSPECTION RESULT CODE	PIC 9(02)	ENTER
6	- INSPECTION RESULT DESC.	PIC X(15)	ENTER

SCREEN LAYOUT

AUTOMATED EGYPTIAN SOCIAL INSURANCE SYSTEM

INSPECTION RESULT

__/__/__

TRANSACTION NUM: _____

INSPECTION DATE: __/__/__

SOCIAL INS NUM: _____ NAME: _____

INSPECTION RESULT: _____

ENTER KEY - PROCESS RESULT
PF1 - REFRESH SCREEN
PF2 - CANCEL APPLICATION
PF7 - COVERAGE SUBSYSTEM FUNCTIONS MENU
PF8 - RETURN TO MAIN MENU

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 50 Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECAR510 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
---- Daily	<u>x</u> 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			
^Sx^S__Other	__Annual		

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 50 Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECAR520 Phase: 2
Report Name: Termination Report+
Description:

This report provides a daily record of termination 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 Form	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 th specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 50 Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECAR530 Phase: 2
Report Name: Daily Transaction Report
Description:
This report provides a record of daily transaction 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 Form	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 50 Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECAR540 Phase: 2
Report Name: Local Office Report

Description:

This report provides a record of daily transaction activity for each Local Office.

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
Local Office		one (1)	Local Office

Sequence: Major: Local Office
Minor: Status-Change-Date, Coverage-Transaction Number

Comments:

This is a daily report that will select any active record for each Local Office for a specific date.

REPORT DESCRIPTION

System: Coverage Author: DSMC
Subsystem: Law 50 Date f.c.: 10 September 1984
Function: Date l.u.: 10 September 1984
Report ID: ECAR550 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 Form	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.