INFOR™

Infor FMS Infopoint

MICM 5.1.13

Procedures Guide 1

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Introduction

The Procedures documentation explains the processing options available within Infopoint MICM. This guide is designed for use by online and batch users.

Organization of This Guide

The Procedures documentation is presented in 2 guides and consists of 7 chapters and a glossary. Each guide has a separate index.   The table below briefly describes each chapter.

Procedures Guide 1

Chapter	Title	Description
1	Introduction	Describes the layout of the guide.
2	Features	Describes the capabilities and features of MICM.
3	Procedures	Provides how-to instructions for daily operation. This chapter is divided into 2 sections: User Processing and Technical Processing.
4	Panels	Describes each field name and provides panel samples.
	Index	Provides a quick reference in locating specific information.

Procedures Guide 2

Chapter	Title	Description
5	Application Forms	Describes each field name and provides form masters.
6	Online Messages	Describes online messages specific to MICM.
7	Reports	Describes each report and provides report samples.
	Glossary	Defines financial and data processing terms applicable to MICM.
	Index	Provides a quick reference in locating specific information.

How to Use This Guide

This guide is an instructional and reference guide which should be read in the following manner.

1. Briefly browse through each chapter so that you can obtain an overview of its contents and become familiar with the general capabilities and features of this product.

2. Carefully read through each chapter to become knowledgeable in specific information and its location.

3. After becoming familiar with MICM, refer to this guide as a standard source of instructional and reference information.

Conventions Used in This Guide

Feature	Explanation
Boldface	Identifies the actual numeric and alphanumeric values of the current field. These must be keyed in exactly as shown.
UPPERCASE	1. Identifies actual field names (such as MIM-EFFDT). 2. Identifies file and record names and fields (such as MI-MASTFIL). 3. Identifies program names (such as MIL004).
Italics	Used to emphasize or define a term or concept.
Bold Italics	Used when referring to an Infopoint application.
~~b~~	Signifies a blank field value associated with a field name.
n	Signifies any numeric field value associated with a field name or card column.

Product Publications

The guides listed below comprise the documentation set for Infopoint MICM.

Infopoint MICM *Procedures Guide*

Contains the online and batch forms descriptions used to maintain MICM. Procedures and reports produced by MICM are also included.

Infopoint MICM *Reference Guide*

Describes the online programs, batch programs, and files used by MICM.

Infopoint MICM *Operations Guide*

Contains conversion information.

Infopoint MICM *Installation Guide*

Contains migration information and step-by-step instructions for installing the product.

Related Publications

The guide listed below provides additional reference material relating to Infopoint MICM.

Infopoint Runtime Components *Reference Guide*

Contains technical information on API and mapping features used by Infopoint systems running under the API architecture.

Infopoint Runtime Components *Installation Guide*

Contains step-by-step instructions for installing the product.

Features

This application is the Master Information and Control Manager (MICM) for all Infopoint applications. It contains static data and operating parameters used by all applications in the Infopoint family.

This application is designed to standardize the creation and maintenance of this static data and the various applications' operating parameters. This concept of centralization and standardization eliminates redundant updates to common data, like names and addresses, and decreases storage requirements, which improves efficiency for both the user and the technician.

This chapter defines the product features, listed under these categories:

- General
- Management
- Operational
- Reporting
- Technical

Each category highlights and describes these major functions. In addition, enhancements and modification for this release are also listed.

General Features

Multiple Institution Processing	MICM has the capability to process 99999 institutions and 999 branches simultaneously. These institutions and branches can be assigned to regions and holding companies as desired.
Standardization of Common Data and Operating Procedures	MICM also facilitates institution-wide uniformity and standardization, which dramatically improves operational efficiency and overall profitability.
User Flexibility	Despite the standardized codes, descriptions, routines and other parameters controlled through this application, the user retains flexibility because of the capability to override values at the specific application level.

Management Features

Centralized Management Controls	Standardization, centralized maintenance, and the elimination of file redundancy are all synonymous with efficiency and tighter control.
Online Security	The institution assigns the information each terminal operator is authorized to handle, therefore reserving access to certain files by a select group of operators.

Operational Features

Simplified Input	All data is entered into the application through the use of panels and batch input forms. The online input uses the same panel for both new records and the maintenance of those records.
Ease of Maintenance	Instead of changing the same information in many different places, the user changes this application only once.
Comprehensive Output	The various reports produced by the system show the effect of the input on this application, therefore allowing verification of correct system operation.
Redundancy Eliminated	File and record information redundancy is eliminated with the Master Information and Control Manager concept by centralizing common data within 1 control application.
Reduced Keystrokes	You can enter simple codes to internally generate pre-defined data and special processing routines.
Error Detection	Through the use of panels, data is immediately validated and incorrect entries are highlighted for correction.

Record Browsing

Online usage allows you to browse through established records without entering specific record keys. This facilitates ease of maintenance to a group of records.

Ask Infopoint

Ask Infopoint is an electronic bulletin board financial institutions can use to communicate with their employees. Ask Infopoint allows MICM users to load reference data, through batch or online, onto 79-character by 24-line text files that can be accessed online and displayed in panel form whenever the information is needed. Since there are no restrictions to the content or quantity of information stored in the system, Ask Infopoint can display a wide variety of data ranging from loan/deposit rates to personnel messages.

Reporting Features

Master Information and Control Manager List

A comprehensive list of all records stored in this application can be selected by institution, groups of institutions, or individual record types.

Maintenance Journal

This journal report indicates all information added, changed, or deleted from this application. If online entry is used, the report also indicates the terminal ID, operator ID, and the time the transaction was processed.

Online Terminal Control Report

This data shows terminal operations including operator signons, signoffs, and security violations.

Technical Features

Reduced File Requirements

Consolidation of application, institution, and customer information dramatically reduces file space requirements, which improves data processing efficiency, simplifies security, and reduces costs.

Use of Programmable Keys

Either real or simulated function keys allow great flexibility in editing, inquiry, and browsing capabilities.

Merge Mapping

Merge mapping allows you to create user-defined inquiry panels. Panel lines consisting of literal and data fields are defined individually. To access the data in the field, indicate the API record ID and the field number from the Application Management Table. This process is only for those records that are under the Application Management Table format. You can use Infopoint records or create your own.

Procedures

User Processing

The information contained in this section helps users with the day-to-day operation of MICM. The section provides suggestions for efficient use and answers to frequently asked questions concerning user capabilities. The procedures are presented as how-to instructions, and can take the form of a brief helpful hint or a detailed step-by-step explanation of an important application feature.

Refer to the MICM *Installation Guide* for specific installation procedures in accordance with the type of system you are using (MVS or VSE). Refer to the Conversion chapter in the MICM *Operations Guide* for specific conversion procedures.

How to Access the System (Signon/Signoff)

These procedures enable an operator to sign on or sign off of the Infopoint online systems. An explanatory abort message appears if an error occurs when entering data.

Signon

1. At native CICS (blank screen), type **SGON** and press [Enter] to display the signon panel.

   Note: If external security is used, operator identification and password verification can be performed outside of MICM by changing the settings in MISOP (System and Security Options Record).

```
 SGON                      Infopoint Sign On/Change Institution


  Operator ID . . . . . . . .  ZERO _____
  Password  . . . . . . . . .
  Institution . . . . . . . .          (Optional)














  Command====>
  F1=Help   F3=Exit   F12=Cancel
```

SGON – Infopoint Signon/Change Institution Panel

2. Type **ZERO** in the Operator ID and Password fields.

   Note: For security reasons, the password is dark protected.

3. If you are signing on to the default institution, proceed to step 4. Otherwise, type the appropriate institution number in the Institution field.

4. Press [Enter]. Depending on the options selected on MICM Record 2014, the Menu panel, an Ask Infopoint panel, or the logo panel appears. Refer to MICM Record 2014 in MICM *Reference Guide 2* for the settings that control these fields.

5. If an Ask Infopoint or logo panel is displayed, press [Clear] to display the Menu panel.

```
MENU     ZERO     INFOPOINT 5.1 Institution Zero (DEVA)     0000 03-17-1999

 Infopoint Security Main Menu
                Panel ID              Panel Name
             1  SECURITY   Infopoint Security
             2  MIMICM     Master Information and Control
             3  MIAMT      Application Management/Merge Mapping










 Command====>  security
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Main Menu

6. Type **SECURITY** on the command line and press [Enter].

Signoff

1. At either the command line of the Menu panel or native CICS screen, type
   SGOF and press [Enter]. The logo panel appears with the message SIGN OFF
   COMPLETED displayed at the top.

2. Press [Clear] to return to native CICS.

How to Access a Panel

This procedure describes how to enter transaction codes to access a panel. These codes can be entered from either native CICS or from a menu Command line.

Native CICS Access

1. Enter **INPT**, followed by the transaction code or panel ID (e.g., **INPT,MIOPR**) and press [Enter]. The appropriate key panel appears.

```
 MIOPR    ZERO                   Operator Record            0000  08-12-1998


  Enter the following key parameters:


     Function . . . . . N         N: New
                                  M: Maintenance
                                  B: Browse

     Operator ID. . . . TESTMICM






  Command====> MIOPR,,
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPR – Operator Record (Key Panel)

2. Type the required key information and press [Enter]. The appropriate data panel appears.

```
 MIOPR    ZERO                   Operator Record            0000 08-12-1998
                                                               Delete
  Operator Id    : TESTMICM

  Name . . . . . . TEST SCRIPT FOR MICM
  Password . . . .
  Default Inst     0000     Time Limit . . . 0800     Group

                      (Institution Parameters Overrides)

  Date Sequence    N        Date Delimiter   N        Time Delimiter   N
  Time Format  . . N        Use Currency Cd  N        Currency Code   ____
  Amount Option             Language Code    __

                      (Menu Options Overrides)
  Menu Option  . . _        Display Menu . . Y        Delayed Menu     N

  Application Security Codes: (1) __ (2) __ (3) _ (4) __ (5) __


  Command====> MIOPR,N,TESTMICM
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F14=Copy
```

MIOPR – Operator Record (Primary Panel)

3. Type/Revise the pertinent information on the panel.

4. Press [Enter] to update the record and return to the menu. To exit without updating, press [Clear] or [F12].

Menu Access

```
MENU      ZERO      INFOPOINT 5.1 Institution Zero (DEVA)      0000 03-17-1999
                                                               More:   +
 Infopoint Security
                  Panel ID              Panel Name
            1    MISOP       System and Security Options
            2    MIORG       Organization Definition
            3    2014        Online Institution Parameters
            4    MIOPR       Operator
            5    MIOPA       Operator Authorization
            6    MIOPP       Operator Profile Authorization
            7    MIORA       Operator Record Authorization
            8    MILSTOPR    List Operator Records
            9    MIOPRPRO    Operator Security Profile
           10    MIPRO       Profile Definition
           11    MIPRD       Profile Resource Definition
           12    MIRDC       Resource Description
           13    MIRLN       Resource Description Language
           14    MIPRD       Profile Resource Definition
           15    MITDF       Transaction Definition
           16    MIWKU       Work Unit Definition

 Command====> MIOPR
 F1=Help   F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

Sample Infopoint Menu

1. At the menu Command line, type the number that corresponds to the panel ID (e.g., **4**), type the panel ID (e.g., **MIOPR**) for the desired transaction, or place the cursor next to the desired transaction number and press [Enter]. The appropriate key panel appears (see previous key panel sample).

2. Type the required key information and press [Enter]. The appropriate data panel appears (see previous data panel sample).

3. Type/Revise the pertinent information on the panel.

4. Press [Enter] to update the record and return to the originating menu. To exit without updating, press [Clear] or [F12].

Note: To bypass the key panel and go directly to the data panel, include the key data with the transaction/panel ID. For more information, refer to the Access Methods section in the Panels chapter of this guide.

How to Invoke the Breakaway Function

The breakaway function allows you to suspend a current session of processing and 'break away' to begin a second session. Once work is completed in the second session, the system allows you to return to the original session. Not all MICM transactions support the breakaway function. To determine if this option is available for a particular transaction, check the function key area. If [F11] is listed, the breakaway function is available.

```
                    ┌──────────────────┐
              ┌────▶│                  │
              │     │    Session 1     │
              │     │                  │
              │     └────────┬─────────┘
              │              │
              │        Break Away ────┐
              │        to Session 2   │
              │                       ▼
              │            ┌──────────────────┐
              │            │                  │
              │            │   Any Online     │
      Return to Suspended──│  Transaction or  │
              └──Function  │    Work Unit     │
                           │                  │
                           └──────────────────┘
```
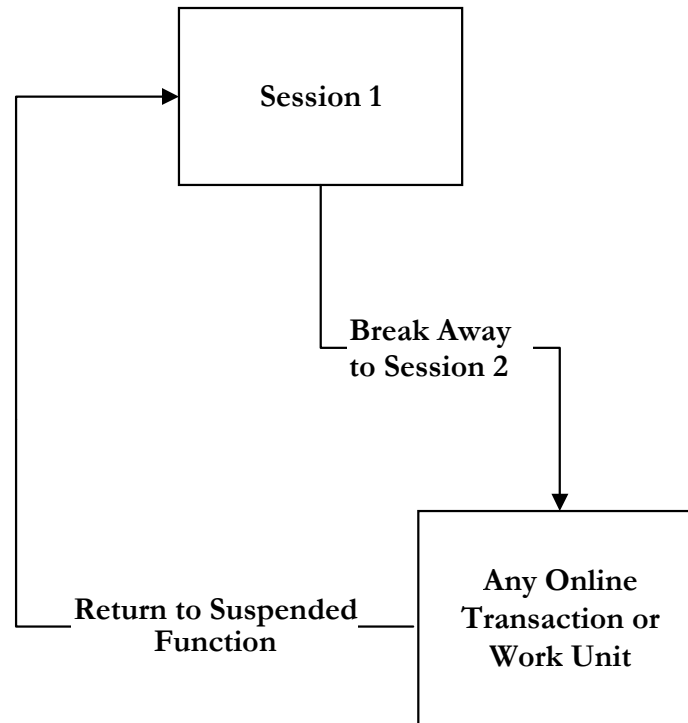
1. At the Command line enter the transaction of the second session (you can use either the direct or indirect access method). Press [F11] to initiate the second session.

2. When you have completed this session, press [F3] or [F12]. The system returns to the original transaction.

Note: The breakaway function is available for Infopoint applications designed for MICM 5.0 and 5.1. When you break away to a panel not designed for the MICM 5.1 architecture ([F3] Exit and [F12] Cancel are not available), press [Clear] or Enter to return to an Infopoint menu. Then press [F3] or [F12] to return to the originating session.

An example of the breakaway function follows.

1. On the MIOPR panel, enter the Operator Id **ANALYSIS**.

```
MIOPR     ZERO                  Operator Record              0000 03-17-1999
                                                                More:   +
                                                                Delete _
 Operator Id    : ANALYSIS

 Name . . . . . . Analysis Operator
 Password . . . .
 Default Inst     0001     Time Limit . . . 2400     Group

                       (Institution Parameters Overrides)

 Date Sequence    _        Date Delimiter   _        Time Delimiter   _
 Time Format  . . _        Use Currency Cd  _        Currency Code    ____
 Amount Option             Language Code    __

                       (Menu Options Overrides)
 Menu Option  . . _        Display Menu . . _        Delayed Menu     _

 Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


 Command====> MIOPR,B,ANALYSIS
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F14=Copy
```

MIOPR – Operator Record

2. Update the Command line with either the transaction itself or any part of the current transaction. In the following example, the operator has been changed to Zero.

```
MIOPR     ZERO                  Operator Record              0000 03-17-1999
                                                                More:   +
                                                                Delete _
 Operator Id    : ANALYSIS

 Name . . . . . . Analysis Operator
 Password . . . .
 Default Inst     0001     Time Limit . . . 2400     Group

                       (Institution Parameters Overrides)

 Date Sequence    _        Date Delimiter   _        Time Delimiter   _
 Time Format  . . _        Use Currency Cd  _        Currency Code    ____
 Amount Option             Language Code    __

                       (Menu Options Overrides)
 Menu Option  . . _        Display Menu . . _        Delayed Menu     _

 Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


 Command====> MIOPR,B,zero
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F14=Copy
```

MIOPR – Operator Record

3. Once the Command line has been changed, press [F11]. The transaction you requested is displayed.

```
 MIOPR    ZERO               Operator Record              0000 03-17-1999

                                                                Delete _
  Operator Id    : ZERO

  Name . . . . . . Security Operator
  Password . . . .
  Default Inst    0000     Time Limit . . . 2400     Group

                      (Institution Parameters Overrides)

  Date Sequence    _         Date Delimiter   _        Time Delimiter    _
  Time Format  . . _         Use Currency Cd  _        Currency Code    ____
  Amount Option              Language Code    __

                       (Menu Options Overrides)
  Menu Option  . . _        Display Menu . . _         Delayed Menu      _

  Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


  Command====> MIOPR,B,ZERO
  F1=Help   F3=Exit   F4=Next   F9=Edit   F12=Break-Rtrn   F14=Copy
```

MIOPR – Operator Record

Note: In the previous examples, the [F11] and [F12] function keys were present. Once [F11] is invoked, the key is no longer displayed. You can only break away to 1 level. Also notice [F12] has a different key assignment. As long as you remain in Breakaway, [F11] is not displayed and [F12] continues to display Break-Rtrn.

4. At this point, you can maintain or browse the Zero Operator Record panel.

5. Press [F12] to return to the Account Analysis Operator panel. The original transaction is redisplayed.

Note: You cannot update this panel during the breakaway function.

```
 MIOPR     ZERO                Operator Record              0000 03-17-1999
                                                                 More:   +
                                                                 Delete _
  Operator Id    : ANALYSIS

  Name . . . . . . Analysis Operator
  Password . . . .
  Default Inst    0001     Time Limit . . . 2400     Group

                      (Institution Parameters Overrides)

  Date Sequence    _        Date Delimiter   _        Time Delimiter   _
  Time Format  . . _        Use Currency Cd  _        Currency Code    ____
  Amount Option    ~        Language Code    __

                        (Menu Options Overrides)
  Menu Option  . . _        Display Menu . . _        Delayed Menu     _

  Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


  Command====> MIOPR,B,ANALYSIS
  F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
  F14=Copy
```

MIOPR – Operator Record

[F11] is displayed and [F12] now displays the word 'Cancel'.

Note: Many of the tasks performed during a daily routine require the use of multiple panels. If used to its full extent, this function can save many keystrokes and time.

How to Access Online Help

MICM 5.1 provides context-sensitive help popup windows that can be accessed whenever an API panel is displayed. Whenever [F1] appears in the function key area of a panel, online help is available for the panel. The information contained in the help window is determined by the panel and the position of the cursor on the panel.

Additional online help can be accessed using Ask Infopoint. Refer to the section How to Use Ask Infopoint in this chapter for more information.

Panel-level Help

You can display *panel-level help* that describes the function of a primary panel by pressing [F1] while the cursor is anywhere on the panel except on a field value. A sample of panel-level help follows.

```
.........................................................................
:                    MICM Institution Parameters - Help                 :
:                                                                        :
: Record 2014.  MICM institution parameters contains information related to :
: institution level online options.  These options pertain to sign-on,  :
: menu and logo display, and user-defined field literals.               :
:                                                                        :
:                                                                        :
:                                                                        :
:  Key requirements.                                                     :
:                                                                        :
:    Function            1 Position                                      :
:                                                                        :
:                                                                        :
:                                                                        :
:                                                                        :
:                                                                        :
:                                                                        :
:    F12=Cancel                                              M2014H      :
.........................................................................
```
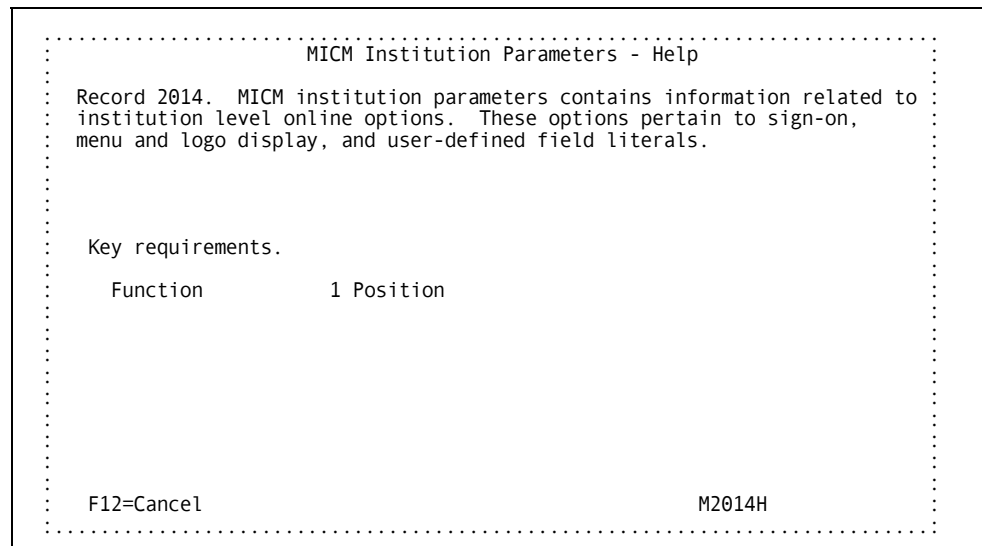
Panel-level Help

Simply press [F12] to return to the original panel.

Field-level Help   You can display field-level help by placing the cursor on the field value (not the field literal) you want explained and pressing [F1]. Field-level help appears with a description of the field, and, if applicable, the valid entries for that field. A sample of field-level help follows.

```
 2014      ZERO          MICM Institution Parameters      0000  08-12-1998
           ...........................................................
           :                    Sign-on Bulletin Help                 : e _
           :                                                          :
   SGON    :  This is the key to an Ask Infopoint record.  This record is  :
   SGON    :  displayed as a bulletin when signing-on.                 :
           :                                                          :
   Logo    :                                                          :
   Menu    :                                                          :
   Date    :                                                          :
   211 R   :                                                          :
   AMT F   :  F12=Cancel                                      M14050M :
           ...........................................................




   Command===> 2014,M
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

Field-level Help

Simply press [F12] to resume panel processing.

Note: Help panels can be modified. Refer to the Runtime Components *Reference Guide* for SSFILE and Help files maintenance.

How to Define Online Transactions

Every online transaction entered into the system must be defined in MICM. There are 3 transactions required to define each panel.

- **MITDF** (Transaction Definition) is used to define what program will be used. It controls which program to invoke or what CICS task to start.

- **MIRDC** (Resource Description) controls the type of panel.

- **MIRLN** (Resource Description Language) controls the language the panel is displayed in and the title of the panel itself.

Each Infopoint product delivers the necessary records to define all of its online transactions. If language is a consideration for your institution or if you want to change the title of the transaction, you must modify MIRLN.

The following diagram illustrates the Transaction Definition procedure:

```
┌──────────────────────────────────────┐
│                                      │
│          Online Transactions         │
│                                      │
│   ┌──────────────────────────────┐   │
│   │           MITDF              │   │
│   │   What program invokes       │   │
│   │     this transaction?        │   │
│   └──────────────────────────────┘   │
│                                      │
│   ┌──────────────────────────────┐   │
│   │           MIRDC              │   │
│   │       What type of           │   │
│   │    transaction is this?      │   │
│   └──────────────────────────────┘   │
│                                      │
│   ┌──────────────────────────────┐   │
│   │           MIRLN              │   │
│   │     What description         │   │
│   │  appears on my menu?         │   │
│   └──────────────────────────────┘   │
│                                      │
└──────────────────────────────────────┘
```
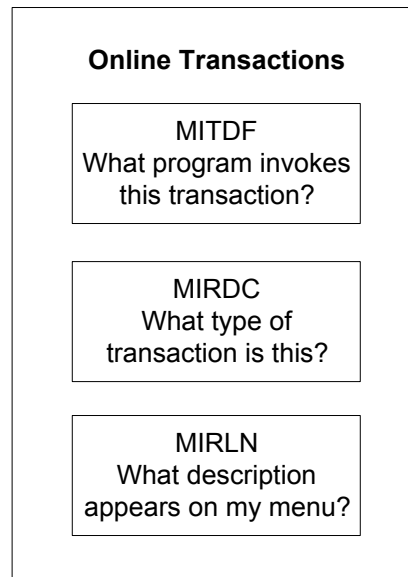
Naming Conventions   Transaction names can contain up to 8 positions. A transaction name generally consists of the following 3 areas:

- The first 2 positions represent the product code. For example, **MI** (MICM). Since this is an internal standard, you can change these positions to fit the standards of your institution.

- The remaining 6 positions represent the type of function. For example, MIAMTTM is for maintaining the Application Management Table File.

Renaming
Transactions

Since the transaction name is user-defined, you can rename a transaction to comply with the standards of your institution. To rename a transaction:

1. Sign on (**SGON**) to Institution Zero.
2. At the Transaction Selection Menu, type **MIRLN** for the transaction.
3. Type the new name in the Tran Name field.
4. Press [Enter] or [F3] to update.
5. Rebuild the temporary storage tables, using transaction MIBMTABL.

Note: Transaction IDs SGON, SGOF, MENU, CHNG, INPT and MIFM are restricted for MICM use only. If it is necessary to modify, use MIRLN, MIRDC, and MITDF, as well as SLW003 and create new CICS entries.

The following examples show what is delivered with MICM for the work unit MIHST.

MITDF – Transaction
Definition

MITDF defines the program ID to be invoked with this transaction code.

```
MITDF    ZERO              Transaction Definition         0000  03-17-1999
                                                                More:   +
                                                                Delete  _

 Transaction Id : MIHST

 Program Id . . . SSL100
 Internal Id  . . MI00
 Key Parm . . . . 50
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel       _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program     _____




 Command===> MITDF,B,MIHST
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MITDF     ZERO            Transaction Definition       0000  03-17-1999
                                                             More: - +
                                                             Delete  _

   Transaction Id : MIHSTINQ

   Program Id . . . MIL150
   Internal Id  . . MI00
   Key Parm . . . . 0
   Disable  . . . . N
   Entry Edit Code  99
   Generic Panel    _____
   Appl Id  . . . . __
   How Started  . . _
   Task Id  . . . . ____
   Appl Mgr Panel   0
   Generic Program  _____




   Command===> MITDF,B,MIHSTINQ
   F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
   F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MITDF     ZERO            Transaction Definition       0000  03-17-1999
                                                             More: - +
                                                             Delete  _

   Transaction Id : MIHSTLST

   Program Id . . . MIL720
   Internal Id  . . MI00
   Key Parm . . . . 50
   Disable  . . . . N
   Entry Edit Code  99
   Generic Panel    MIHSTLST
   Appl Id  . . . . __
   How Started  . . _
   Task Id  . . . . ____
   Appl Mgr Panel   0
   Generic Program  _____




   Command===> MITDF,B,MIHSTLST
   F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
   F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

MIRDC – Resource
Description

MIRDC defines the type of panel: work unit versus menu versus panel.

```
MIRDC    ZERO                Resource Description        0000  03-17-1999
                                                               More:   +
                                                               Delete  _

 Resource Id  . : MIHST

 Resource Type    W
 Help Panel . . . MIV150H
 Next Tran  . . . _____
 Object Id  . . . _____




 Command===> MIRDC,B,MIHST
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC    ZERO                Resource Description        0000  03-17-1999
                                                               More:   +
                                                               Delete  _

 Resource Id  . : MIHSTINQ

 Resource Type    G
 Help Panel . . . MIV150KH
 Next Tran  . . . _____
 Object Id  . . . _____




 Command===> MIRDC,B,MIHSTINQ
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC    ZERO                Resource Description        0000  03-17-1999
                                                               More: - +
                                                               Delete  _

Resource Id  . : MIHSTLST

Resource Type   G
Help Panel . . . _____
Next Tran  . . . _____
Object Id  . . . _____




Command===> MIRDC,B,MIHSTLST
F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

MIRLN – Resource
Description
Language

MIRLN defines the transaction name that appears on the menu at the time of
signon.

```
MIRLN    ZERO          Resource Description Language   0000  03-17-1999
                                                               More:   +
                                                               Delete  _

 Resource Id  . : MIHST
 Language . . . : EN

 Tran Name  . . . Maintenance History




Command===> MIRLN,B,MIHST,EN
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN    ZERO          Resource Description Language      0000  03-17-1999
                                                                More: - +
                                                                Delete  _

Resource Id  . : MIHSTINQ
Language . . . : EN

Tran Name  . . . Maintenance History Key Inquiry




Command===> MIRLN,B,MIHSTINQ,EN
F1=Help    F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F9=Edit    F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN    ZERO          Resource Description Language      0000  03-17-1999
                                                                More: - +
                                                                Delete  _

Resource Id  . : MIHSTLST
Language . . . : EN

Tran Name  . . . Maintenance History List




Command===> MIRLN,B,MIHSTLST,EN
F1=Help    F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F9=Edit    F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

How to Define a Profile

A profile contains the transactions to be used by operators within a specific job. To define a profile, create the following records:

- MIPRO – Profile Definition
- MIPRD – Profile Resource Definition
- MIORA – Operator Record Authorization

Note: MIORA is not required for an unrestricted profile.

MIPRO – Profile Definition

This record is used to name Profile Resource Definitions. Because profiles are job related, use a name that reflects the job description for easy identification. For example, use Teller for a teller profile; Hteller for Head teller.

MIPRD – Profile Resource Definition

Define all job descriptions within your organization and then use this record to assign the appropriate transactions. The profile record also contains security information authorizing or restricting access to accounts that belong to employees, officers, or directors, and accounts that are dormant, escheat, foreclosed, or charged off. Control of adding, deleting, updating or maintaining a record is authorized or restricted with this transaction. Without this record, you cannot access a transaction.

MIORA – Operator Record Authorization

This record is used for record- or field-level security only. If this record exists, establish a profile type of 'R' on MIPRO. The transactions under this profile must use this record for security and the MIPRD records for access. The order of the restriction check performed is:

1. Add/Change/Delete/Inquire
2. Employee/Dormant/Escheat
3. Mask Data check.

Note: Program SSL150 is the record/field restriction module. It contains a routine to process a call from SLP069. If the call is from SLP069, the allowable restriction (Mask Data check), is not performed.

The following diagram illustrates the Profile Definition procedure:

```
                                      ┌─────────────────────────┐
                                      │         MIPRD           │
                                      │                         │
                                      │   What transactions fit │
                                      │ under the job profile   │
                                      │        for me?          │
                                      │                         │
                                      │ Profile type 'P' records│
                                      └─────────────────────────┘
   ┌─────────────────────────┐                     │
   │         MIPRO           │                     │
   │                         │                     ▼
   │   What are the names of │     ┌─────────────────────────┐
   │       my profiles?      │     │         MIORA           │
   │                         │     │                         │
   └─────────────────────────┘     │  What fields are        │
                                    │  restricted to me?      │
                                    │                         │
        ┌──────────────────┐       │ Profile type 'R' records│
        │ Online Programs  │◄──────└─────────────────────────┘
        └──────────────────┘
```
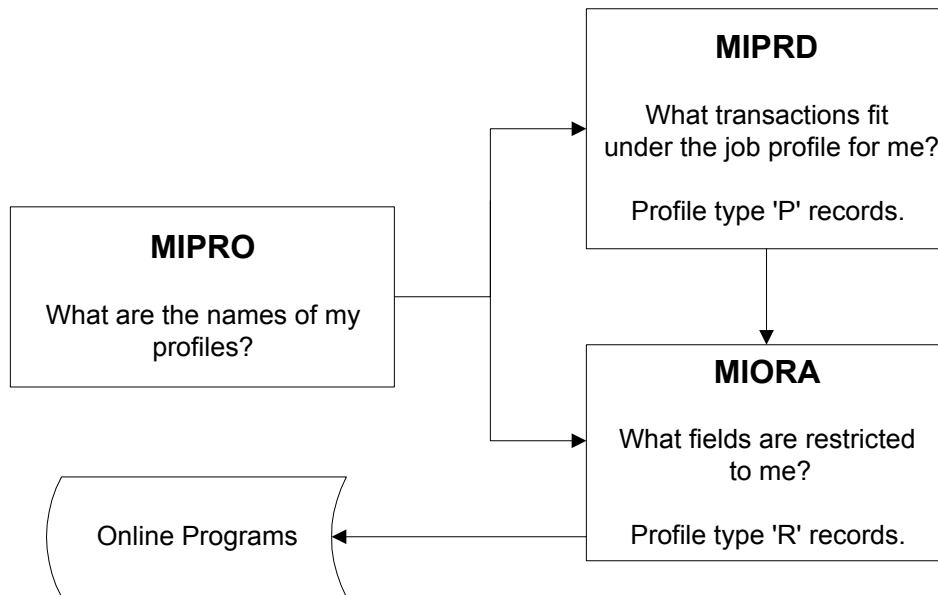
1. Naming the New Profile (MIPRO)

1. From the Security Submenu, type **MIPRO** and press [Enter]. The following key panel appears.

```
MIPROK    ZERO                 Profile Definition          0000  03-17-1999


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
          Profile Id  . . . . . CLASS






 Command===> MIPRO
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIPRO – Profile Definition (Key Panel)

2. Type **N**, indicating you are adding a new profile and **CLASS** in the Profile Id field and press [Enter]. The following panel appears.

```
 MIPRO     ZERO                  Profile Definition          0000  03-17-1999

                                                             Delete  _

  Profile Id . . : CLASS

  Profile Name . . CLASS PROFILE
  Profile Type . . P








  Command===> MIPRO,N,CLASS
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Se
```

MIPRO – Profile Definition

3. Type **CLASS PROFILE** in the Profile Name field. The value of 'P' defaults in the Profile Type field; however, it is not being used at this time. Press [Enter] to add the profile name and return to the Security Submenu.

2. Connecting Transactions to the New Profile (MIPRD)

This is the panel used to maintain, add and delete records from the Profile Resource Definition. Each record that is created ties a transaction to this profile. If there are 20 transactions required for profile definition, then there are 20 MIPRD records. When no menus are used, all the transactions defined under a profile are displayed when the operator signs on. The operator was pointed to this particular profile by the use of the transaction MIPRO.

The profile record also contains security information authorizing or restricting access to accounts that belong to employees, officers, or directors; accounts that are dormant, escheat, closed, or charged off.

Control of adding, deleting, updating or maintaining records is restricted with this transaction.

For example, if a transaction does not appear under the profile Analysis, it cannot be accessed. In addition, transactions can have restrictions placed on their use.

1. From the Security Submenu, type **MIPRD** and press [Enter]. The following key panel appears.

```
MIPRDK    ZERO           Profile Resource Definition        0000  03-17-1999


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Profile Id  . . . . . CLASS_____

   Trans Id  . . . . . . MIOPR_____

   Appl Code . . . . . . __




 Command===> MIPRD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIPRD – Profile Resource Definition (Key Panel)

2. Type **N** in the Function field, **CLASS** in the Profile Id field, and **MIOPR** in the Trans Id field.

3. Press [Enter] and the following panels appears.

```
MIPRD     ZERO           Profile Resource Definition        0000  03-17-1999
                                                                  More: - +
                                                                  Delete  _

 Profile Id . . : CLASS     Trans Id . . . : MIOPR
 Appl Code  . . : 0

 Add Ind  . . . . Y
 Delete Ind . . . Y
 Inquiry Ind  . . Y
 Change Ind . . . Y
 Misc Ind . . . . Y
 Report Ind . . . Y
 Employee Access  Y
 Officer Access   Y
 Director Access  Y
 Dormant Code . . Y
 Escheat Code . . Y
 Foreclose . . . Y
 Charge Off . . . Y

 Command===> MIPRD,B,CLASS,MIOPR,0
 FF1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIPRD – Profile Resource Definition

Note: In this example, all MIPRD records are not displayed. Each Infopoint application provides a base operator used for testing the system. All necessary records are available so you can sign on and use the system for testing purposes.

4.   Press [Enter] to add this record and return to the Security Submenu.

3.   Restricting Operator Access (MIORA)

This record is explained in detail in the section, Establishing Field-level Security, in this chapter.

How to Process a Work Unit

The work unit feature allows you to tailor job-related transactions into a single transaction string. These panels can originate from a single application or from multiple applications. Up to 20 panels can be defined within an individual work unit. However, menus and other work units cannot be defined within a work unit. Each Infopoint product delivers several work units. Although work unit processing is only valid for users of MICM 5.0 and higher, any transactions not written under the higher architecture can be the last entry of the work unit.

The following diagram illustrates the Work Unit Definition procedure:

```
                                              ┌─────────────────────────────┐
                                              │    Online Transactions      │
                                              │                             │
                                              │  ┌───────────────────────┐  │
                                              │  │        MITDF          │  │
                                              │  │  What program invokes │  │
                                              │  │    this transaction?  │  │
                                              │  └───────────────────────┘  │
    ┌───────────────────────┐                 │                             │
    │        MIWKU          │                 │  ┌───────────────────────┐  │
    │  What is the name of  │◄────────────────┼──│        MIRDC          │  │
    │    my Work Unit?      │                 │  │    What type of       │  │
    └───────────────────────┘                 │  │  transaction is this? │  │
                                              │  └───────────────────────┘  │
                                              │                             │
                                              │  ┌───────────────────────┐  │
                                              │  │        MIRLN          │  │
                                              │  │   What description    │  │
                                              │  │  appears on my menu?  │  │
                                              │  └───────────────────────┘  │
                                              └─────────────────────────────┘
```
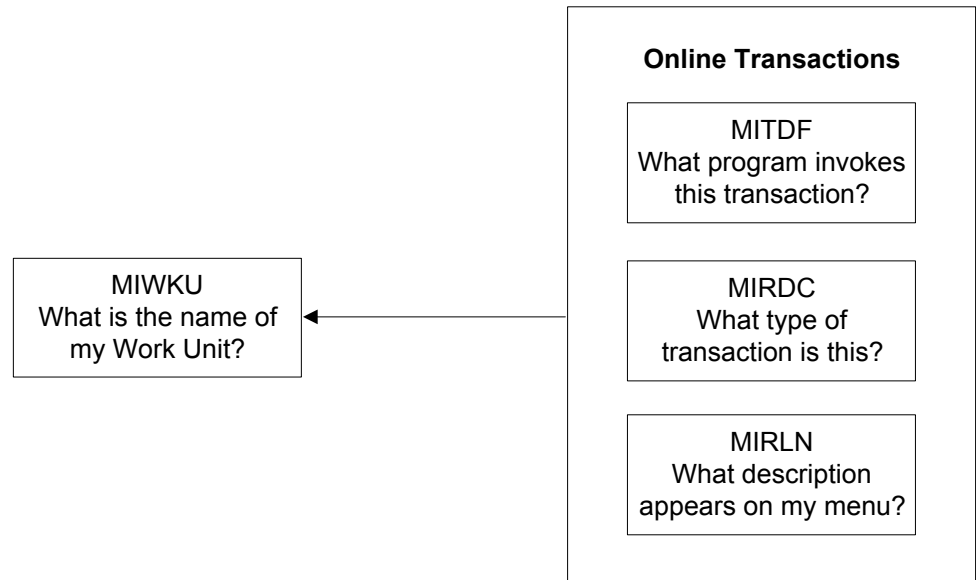
There are 4 MICM functions required to establish a work unit.

1. MITDF – Transaction Definition
2. MIRDC – Resource Description
3. MIRLN – Resource Description Language
4. MIWKU – Work Unit Definition

The following steps are required to set up a work unit. For this example, the MIHST work unit delivered with MICM is used. There are 2 panels associated with this work unit. The records necessary for the setup of this work unit are provided.

1. Determine the name of the work unit. This is the transaction entered to execute the series of transactions. You should select a name that relates to the transactions. **MI** is the MICM prefix and **HST** is for History, therefore, **MIHST** is the name chosen.

2. Determine what transactions should be displayed during the execution of this work unit.

    For this example, the work unit name is MIHST. The 2 transactions to be strung together are MIHSTINQ and MIHSTLST.

3. Add the MIHST, MIHSTINQ and MIHSTLST to MIRDC, MIRLN, and MITDF. Each transaction within the work unit used must be defined to MICM.

    Note: You will require the assistance of a programmer to complete this function. Program IDs and Internal IDs are necessary.

The following panels are examples of the new functions needed to add these transactions as defined transactions. MITDF defines the program ID to be invoked. MIRDC defines the type of panel you are adding. MIRLN defines what language this panel is displayed in and the title of the transaction that will appear on the menu transactions.

```
 MITDF     ZERO              Transaction Definition        0000  03-17-1999
                                                           More:    +
                                                           Delete   _


  Transaction Id : MIHST

  Program Id . . . SSL100
  Internal Id  . . MI00
  Key Parm . . . . 50
  Disable  . . . . N
  Entry Edit Code  99
  Generic Panel    _____
  Appl Id  . . . . __
  How Started  . . _
  Task Id  . . . . ____
  Appl Mgr Panel   0
  Generic Program  _____




  Command===> MITDF,N,MIHST
  F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
  F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MITDF    ZERO             Transaction Definition      0000  03-17-1999
                                                            More:   +
                                                            Delete  _

 Transaction Id : MIHSTINQ

 Program Id . . . MIL150
 Internal Id  . . MI00
 Key Parm . . . . 0
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____




 Command===> MITDF,N,MIHSTINQ
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MITDF    ZERO             Transaction Definition      0000  03-17-1999
                                                            More:   +
                                                            Delete  _

 Transaction Id : MIHSTLST

 Program Id . . . MIL720
 Internal Id  . . MI00
 Key Parm . . . . 50
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    MIHSTLST
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____




 Command===> MITDF,N,MIHSTLST
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MIRDC    ZERO              Resource Description        0000  03-17-1999
                                                            More: - +
                                                            Delete  _

 Resource Id  . : MIHST

 Resource Type    W
 Help Panel . . . MIV150H
 Next Tran  . . . _____
 Object Id  . . . _____







 Command===> MIRDC,B,MIHSTHST
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC    ZERO              Resource Description        0000  03-17-1999
                                                            More: - +
                                                            Delete  _

 Resource Id  . : MIHSTINQ

 Resource Type    G
 Help Panel . . . MIV150KH
 Next Tran  . . . _____
 Object Id  . . . _____







 Command===> MIRDC,B,MIHSTINQ
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC    ZERO              Resource Description        0000  03-17-1999
                                                             More: - +
                                                             Delete  _

 Resource Id  . : MIHSTLST

 Resource Type   G
 Help Panel . . .  _____
 Next Tran  . . .  _____
 Object Id  . . .  _____




 Command===> MIRDC,B,MIHSTLST
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRLN    ZERO          Resource Description Language   0000  03-17-1999
                                                             More:   +
                                                             Delete  _

 Resource Id  . : MIHST
 Language . . . : EN

 Tran Name  . . . Maintenance History




 Command===> MIRLN,B,MIHST,EN
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN    ZERO          Resource Description Language     0000  03-17-1999
                                                              More: - +
                                                              Delete  _

 Resource Id  . : MIHSTINQ
 Language . . . : EN

 Tran Name  . . . Maintenance History Key Inquiry




Command===> MIRLN,B,MIHSTINQ,EN
F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN    ZERO          Resource Description Language     0000  03-17-1999
                                                              More: - +
                                                              Delete  _

 Resource Id  . : MIHSTLST
 Language . . . : EN

 Tran Name  . . . Maintenance History List




Command===> MIRLN,B,MIHSTLST,EN
F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

4. Create the MIHST work unit using MICM transaction MIWKU. Establish the
    sequence the transactions are to follow using the Work Unit Sequence
    number. Each transaction used must be defined as part of the work unit.

The following panels are examples of the new functions needed to add these transactions as defined work unit transactions.

```
MIWKU    ZERO              Work Unit Definition        0000  03-17-1999

                                                        Delete  _

 Work Unit Id . . MIHST
 Work Unit Seq    1
 Trans Id . . . . MIHSTINQ

 Default Func . . _
 Restart Flag . . _
 Appl Router  . . __
 Dialogue Router  __






 Command===> MIWKU,N,MIHST,1,MIHSTINQ
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIWKU – Work Unit Definition

```
MIWKU    ZERO              Work Unit Definition        0000  03-17-1999

                                                        Delete  _

 Work Unit Id . . MIHST
 Work Unit Seq    2
 Trans Id . . . . MIHSTLST

 Default Func . . _
 Restart Flag . . _
 Appl Router  . . __
 Dialogue Router  __






 Command===> MIWKU,N,MIHST,2,MIHSTLST
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIWKU – Work Unit Definition

5. Rebuild the temporary storage tables using MIBMTABL.

How to Define Menus

Menu setup is an important tool for the users in your organization. Careful consideration should be made in the design of menus. A representative from each group within the institution should assist in determining how a product should be presented and what transactions should be included. Like profiles, menus are job related. Once the menus are designed, unless you add your own user transactions or perform an upgrade to a product, no changes are required for daily processing. All necessary transactions are delivered with each Infopoint application. The individual application supplies sample menus however; you may elect to design your own.

The following diagram illustrates the Menu Definition procedure:

Online Transactions

MITDF
What program invokes
this transaction?

MIMUD
What names appear
on my menu?

MIRDC
What type of
transaction is this?

MIRLN
What description
appears on my menu?
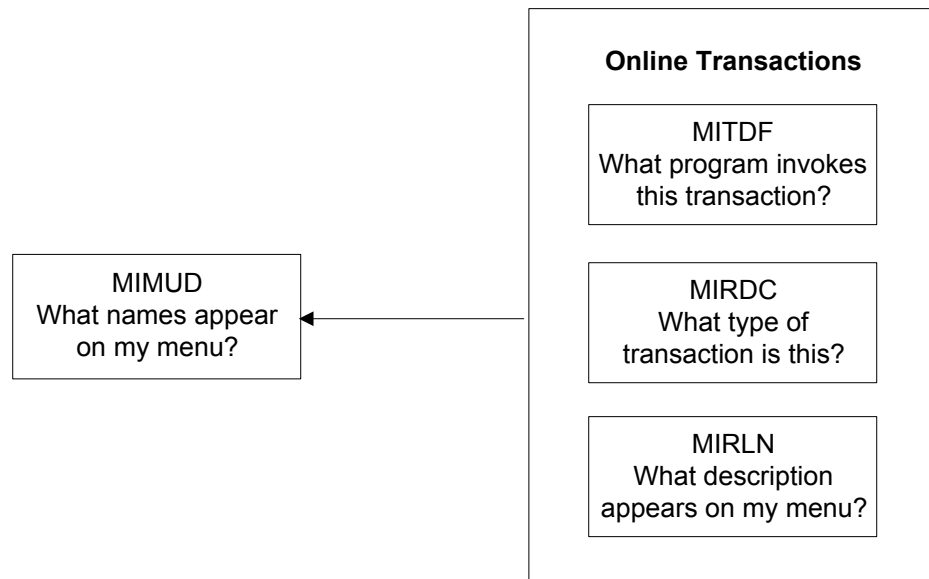
1. To define menus, type **MIMUD** on the Command line and press [Enter].
   The following panel appears.

```
MIMUDK    ZERO                 Menu Definition              0000  12-31-1999


 Enter the following key parameters:


   Function  . . . . . . _               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Menu Id . . . . . . . _____
   Trans Id Seq  . . . . ____

   Trans Id  . . . . . . _____




 Command===> MIMUD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIMUD – Menu Definition (Key Panel)

- The Menu ID is the name that appears on the Menu panel when an
  operator signs on.

- The Transaction ID Sequence determines the order in which the
  transaction is displayed.

- The Transaction ID is the online transaction itself. For example, in
  MICM when the Zero operator is used during the signon procedure, 3
  submenus appear. Choosing 1 of the submenus displays the online
  transactions defined under those menus.

```
 MIMUDK   ZERO                    Menu Definition           0000  03-17-1999


  Enter the following key parameters:


   Function  . . . . . . n               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Menu Id . . . . . . . setup___

   Trans Id Seq  . . . . mi010

   Trans Id  . . . . . . miopr___



 Command===> MIMUD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIMUD – Menu Definition

2. To add the first menu record, type the following information.

    Function = **N**
    Menu Id = **SETUP**
    Trans Id Seq = **MI010**
    Trans Id = **MIOPR**

3. Press [Enter] and the following panel appears.

```
 MIMUD    ZERO                    Menu Definition           0000  03-17-1999
                                                            Delete  _

  Menu Id  . . . . SETUP
  Trans Id Seq . . MI010
  Trans Id . . . . MIOPR









 Command===> MIMUD,N,SETUP,MI010,MIOPR
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIMUD – Menu Definition

Once you have created the first record, you can add the subsequent records by entering all the information on the command line, as shown in the following Command line:

```
Command===> MIMUD,N,SETUP,MI020,MIOPA
```

4. Press [Enter] and the following panel appears.

```
 MIMUD    ZERO                  Menu Definition           0000  03-17-1999

                                                            Delete  _

  Menu Id  . . . . SETUP
  Trans Id Seq . . MI020
  Trans Id . . . . MIOPA









  Command===> MIMUD,N,SETUP,MI020,MIOPA
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIMUD – Menu Definition

5. Press [Enter] to return to the Main Menu. Press [F5] to refresh the Command line. The following Command appears:

```
Command===> MIMUD,N,SETUP,MI020,MIOPA
```

6. Change MI020 to **MI030** and MIOPA to **MIOPP** and press [Enter]. The
   following panel appears.

```
 MIMUD    ZERO                  Menu Definition           0000  03-17-1999

                                                               Delete  _

  Menu Id  . . . . SETUP
  Trans Id Seq . . MI030
  Trans Id . . . . MIOPP










  Command===> MIMUD,N,SETUP,MI030,MIOPP
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIMUD – Menu Definition

Several other transactions must be performed to complete this process. A new
menu is considered a transaction, so you must define it to the system using the
following transactions:

- MITDF – Transaction Definition
- MIRDC – Resource Description
- MIRLN – Resource Language Description

Note: The new menu must be added to the operator's profile so the operator has
access to this new transaction.

```
MITDF     ZERO               Transaction Definition         0000  03-17-1999
                                                                   More: - +
                                                                   Delete  _

 Transaction Id    setup

 Program Id . . . SSL100
 Internal Id  . . MI00
 Key Parm . . . . 0
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____




 000001  Enter key data
 Command===> MITDF,C,MIMENU
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MIRDC     ZERO                Resource Description          0000  03-17-1999
                                                                   More: - +
                                                                   Delete  _

 Resource Id  . . setup

 Resource Type    M
 Help Panel . . . _____
 Next Tran  . . . _____
 Object Id  . . . _____






 000001  Enter key data
 Command===> MIRDC,C,MIMICM
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRLN      ZERO            Resource Description Language     0000  03-17-1999
                                                                  More: - +
                                                                  Delete  _

 Resource Id  . . setup
 Language . . . . EN

 Tran Name  . . . operator setup






 000001  Enter key data
 Command===> MIRLN,C,MIMICM,EN
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

7. Rebuild the temporary storage tables using transaction MIBMTABL.

How to Set Up Online Security

Online security allows your institution to define which Infopoint transactions an operator can access. In addition, online security can be used to restrict which functions an operator can perform on these transactions.

MICM Security

Maintaining institution parameters and designating the appropriate user security is critical to the ongoing operation of the system. Carefully consider who is responsible for these issues and to what extent that person distributes the various levels of security.

When you process this system online, decide who has access to the files and what functions they are allowed to perform.

These records control system-wide security, not just individual institutions. In addition, you can set up parameters that define access, allowing operators to perform only those functions that have been established for them. This section explains how to set up the following online security:

Defining Operators	Sets up records, profiles, and transactions available to each operator.
Panel-level Security	Designates the panels available to each operator and establishes parameters such as whether a panel is unprotected.
Field-level Security	Establishes security parameters such as whether a field is dark protected or unprotected.
External Security	Establishes security for interface programs.

Defining Operator Records

An operator is a user requiring access to any of the Infopoint products. Careful consideration should be given to establish Operator ID's and to define access. Operators can only access what is assigned to them through profiles. A profile should be established for each job description within your organization. For example, a teller would require different access than a back room clerk entering new account information. Many records are needed to establish an operator's security needs.

The following diagram illustrates the Operator Definition procedure.

MIOPR

Who am I and what is my password?

MIOPA

What institution do I have access to?

What menu will I see when I sign on?

MIORG
On what file set does the institution reside?

MIOPP

What profile for which institution is assigned to me and what is the type?
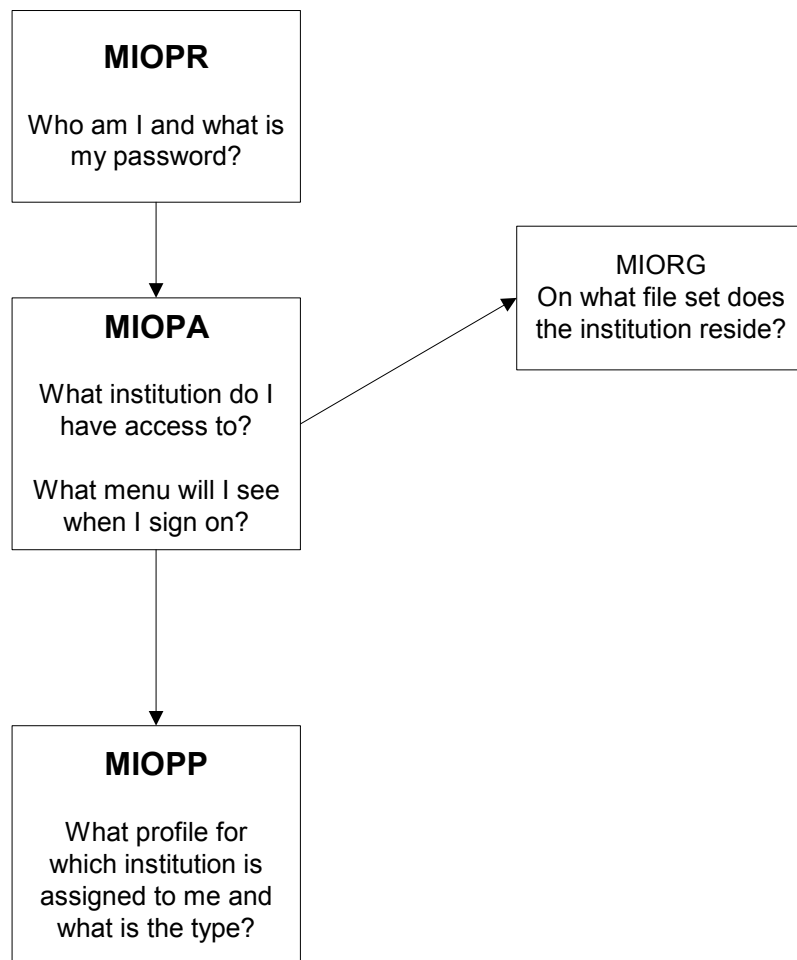
The following is an overview of all the records needed to establish an operator. After the overview, is a step-by-step procedure to set up each record.

■ **MIOPR – Operator Record**

This record is used to establish the operators that have access to the Infopoint online systems and contains various types of operator-related information. Required information includes the operator's name, signon password, the default institution at signon, and the time limit for remaining on the system with no activity.

```
MIOPR      ZERO                  Operator Record              0000 03-17-1999
                                                                   More:   +
                                                                   Delete  _
 Operator Id    : ANALYSIS

 Name . . . . . . Analysis Operator
 Password . . . .
 Default Inst    0001     Time Limit . . . 2400      Group
```

MIOPR – Operator Record

The Institution Parameter Overrides are used to override the system parameters set with the delivered software:

```
(Institution Parameters Overrides)
Date Sequence    _        Date Delimiter   _       Time Delimiter    _
Time Format  . . _        Use Currency Cd  _       Currency Code    ____
Amount Option             Language Code    __
```

The Menu Option Overrides are used to override the menu parameters set with the delivered software:

```
(Menu Options Overrides)
Menu Option  . . _        Display Menu . . _          Delayed Menu      _
```

The Application Security codes are reserved for future use:

```
Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __
```

■ **MIOPA – Operator Authorization**

The Operator Authorization record is used to define which default menu, organization definition, and region to use for each institution that an operator is authorized to use. The Menu Id is optional and if not used, the menu displays transactions from the Profile Resource Definition records in alphabetical order. The organization is optional, and if not used then organization overrides from MIOPR are not used. This will also determine the file set on which an organization is processing.

```
 MIOPA     ZERO               Operator Authorization       0000  03-17-1999
                                                                 More:   +
                                                                 Delete  _

 Operator Id  . : ANALYSIS
 Operator's Inst: 0

 Menu Id  . . . . ANALYSIS
 Organization Id  ___
 Oper Price Rgn   __




 Command===> MIOPA,B,ANALYSIS,0
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIOPA – Operator Authorization

■ **MIORG – Organization Definition**

This record is used to define file sets to be used. To set up only a non-API
record, enter zero in the API Position. To set up 'only API' records, enter zeros
in the File Set Position.

Note: If you are setting up only an API record, 1 record is needed for all
products.

```
 MIORG     ZERO              Organization Definition       0000   08-12-1998
                                                                  More:   +
                                                                  Delete  _

  Org Id . . . . : J
  Product Code . : AN

  Org Name . . . . _____
  Org Position . . 24
  File Set Pos . . 24
  File Set Code    J




 Command===> MIORG,B,J,AN
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIORG – Organization Definition

■   **MIOPP – Operator Profile Authorization**

This record is used to define which Profile Resource Definition may be used for an operator within an institution. The profile is named on the Profile Definition (MIPRO) transaction. Profiles are job related. Since a user can have more than 1 job function, you do not need a profile for each user; just each job function. Multiple profiles (a maximum of twenty) can be assigned to a single operator. The use of the sequence number allows the system to determine which profile to load first. If a user is tied to more than 1 institution and the access is different between institutions, you must establish a different profile for each institution.

The profile type determines if the transaction's security is based on the MIPRD or MIORA records. An entry of **P** uses the MIPRD. An entry of **R** indicates there is either record or field security present for this profile and the MIORA records are used to determine the security. The MIPRD establishes operator access and the MIORA establishes any additional security.

```
 MIOPP     ZERO            Operator Profile Authorization     0000  03-17-1999
                                                                    More:   +
                                                                    Delete  _

  Operator Id  . : ANALYSIS
  Operator's Inst: 0
  Profile Seq  . : 10
  Profile Id . . : ANALYSIS
  Profile Type . : P









 Command===> MIOPP,B,ANALYSIS,0,10,ANALYSIS,P
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIOPP – Operator Profile Authorization

Assigning Operators to Groups

The Group concept is performed at a higher level than defining a profile. The concept allows a user to set up an Operator ID, along with all the institution access and profiles for one specific job title. Once the necessary records are established, only one record is required to add a new employee.

The following records are required to assign an operator to a group:

- MIOPA
- MIOPP
- MIOPR
- MIPRD

To assign an operator to a group you must:

1. Create an Operator ID.

2. Assign the necessary access to any or all institutions, using the MIOPA Record(s).

3. Tie the operator to the profile(s) needed, using the MIOPP Record(s). This operator can then be used as the Group for any new operators needing the same institution and profile access.

In the following example, the security operator Zero, shipped with MICM, can be used as a Group.

The necessary records for Zero, MIOPR, MIOPA, MIOPP and all of the MIPRD records have already been provided.

```
 MIOPR    ZERO                   Operator Record                  0000 10-17-1999

                                                                         Delete
  Operator Id    : SECOPR

  Name . . . . . . SECURITY OPERATOR_____
  Password . . . .
  Default Inst    0001     Time Limit . . . 0800     Group  . . . . . ZERO_

                       (Institution Parameters Overrides)


  Date Sequence     _        Date Delimiter    _        Time Delimiter    _
  Time Format  . . _         Use Currency Cd   _        Currency Code     ____
  Amount Option     _        Language Code     __

                        (Menu Options Overrides)
  Menu Option  . . _         Display Menu . . _          Delayed Menu      _

  Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


  Command====> MIOPR,N,SECOPR
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F14=Copy


```

MIOPR – Operator Record

1. Create an Operator Id of **SECOPR** and enter **ZERO** in the Group field. All access for Operator Zero is now assigned to the new operator.

2. Sign on to the Infopoint online system with the Operator Id of **ZERO**. The following Infopoint Security Main Menu is displayed.

```
MENU      ZERO      INFOPOINT Institution Zero              0000 10-17-1999

 Infopoint Security Main Menu
               Panel ID          Panel Name
          1    SECURITY   Infopoint Security
          2    MIMICM     Master Information and Control
          3    MIAMT      Application Management/Merge Mapping
          4    SECMILST   List Security Records













 Command====>
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Infopoint Security Main Menu

3. Sign on to the Infopoint online system with the Operator Id of **SECOPR** tied to the Group **ZERO**. The following Infopoint Security Main Menu is displayed.

   Note: You have same access as the Operator ZERO.

```
MENU      SECOPR    INFOPOINT Institution Zero              0000 10-17-1999

 Infopoint Security Main Menu
               Panel ID          Panel Name
          1    SECURITY   Infopoint Security
          2    MIMICM     Master Information and Control
          3    MIAMT      Application Management/Merge Mapping
          4    SECMILST   List Security Records












 Command====>
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Infopoint Security Main Menu

Establishing Security

To establish security, you must have a list of all operators including their names and passwords. If you are in a multiple institution environment, you must determine which institution the operator defaults to when signing on. Any institution parameters and menu options should already be determined. These parameters are likely to have been determined on an institution-wide level.

Example:

Name	ID	Password	Def Inst	Auth Inst
Zero	ZERO	ZERO	0000	0000
Amy Sampson	AMYSA	AMYSA	0001	0001, 0002
Andy Cook	ANDCO	ANDCO	0001	0001
Beth Dwyer	BETDW	BETDW	0001	0001
Bob Adams	BOBAD	BOBAD	0002	0002

The following steps are used to establish an operator:

1. Adding an Operator (MIOPR)
2. Connecting an Operator to an Institution (MIOPA)
3. Defining Organizational File Sets (MIORG)
4. Connecting an Operator to a Profile (MIOPP)

1. Adding an Operator (MIOPR)

1. Type **SGON** at the native CICS panel (blank screen) and press [Enter]. The following panel appears.

```
SGON                        Infopoint Sign On/Change Institution


 Operator ID . . . . . . . . ZERO____
 Password  . . . . . . . . .
 Institution . . . . . . . . ____      (Optional)












 Command====>
 F1=Help   F3=Exit   F12=Cancel

```

Signon Panel

This panel is used to access the online applications the operator is tied to. The password entered does not appear on the panel. If no information is entered in the Institution field, the operator is signed on to the default institution from the MIOPR record. If you have access to multiple institutions, entering an institution on this panel takes you directly to that institution.

2. Type **ZERO** in the Operator ID and Password fields and press [Enter]. The SGON transaction is now complete and the following panel appears.

```
 MENU     ZERO      INFOPOINT 5.1 Institution Zero (DEVA)     0000 03-17-1999

  Infopoint Security Main Menu
                Panel ID            Panel Name
            1   SECURITY    Infopoint Security
            2   MIMICM      Master Information and Control
            3   MIAMT       Application Management/Merge Mapping








  Command====>  security
  F1=Help   F3=Exit    F5=Refresh   F12=Cancel
```

Main Menu

3.   To add the first operator, type **SECURITY** on the command line and press
     [Enter]. The following Security Submenu appears, displaying all Infopoint
     security transactions.

```
 MENU    ZERO    INFOPOINT 5.1 Institution Zero (DEVA)      0000 03-17-1999
                                                                 More:   +
 Infopoint Security
                Panel ID          Panel Name
            1   MISOP       System and Security Options
            2   MIORG       Organization Definition
            3   2014        Online Institution Parameters
            4   MIOPR       Operator
            5   MIOPA       Operator Authorization
            6   MIOPP       Operator Profile Authorization
            7   MIORA       Operator Record Authorization
            8   MILSTOPR    List Operator Records
            9   MIPRO       Profile Definition
           10   MIPRD       Profile Resource Definition
           11   MIRDC       Resource Description
           12   MIRLN       Resource Description Language
           13   MIPRD       Profile Resource Definition
           14   MITDF       Transaction Definition
           15   MIWKU       Work Unit Definition
           16   MIMUD       Menu Definition

 Command====> MIOPR
 F1=Help   F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

Security Submenu

4.   Type **MIOPR** on the Command line and press [Enter]. The following key
     panel appears.

```
 MIOPR    ZERO                 Operator Record          0000   03-17-1999


  Enter the following key parameters:


      Function . . . . . n          N: New
                                    M: Maintenance
                                    B: Browse

      Operator ID. . . . amysa___




 Command====> MIOPR,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPR – Operator Record (Key Panel)

5. To add the first operator, Amy Sampson, type **N** in the Function field, indicating New, and **AMYSA** in the Operator ID field and press [Enter]. The following panel appears.

```
MIOPR    ZERO                  Operator Record              0000 03-17-1999

                                                                 Delete
 Operator Id   : AMYSA

 Name . . . . . . Amy Sampson_____
 Password . . . .
 Default Inst    0001     Time Limit . . . 0800     Group

                    (Institution Parameters Overrides)

 Date Sequence     _       Date Delimiter   _        Time Delimiter   _
 Time Format  . . _        Use Currency CD  _        Currency Code    ____
 Amount Option    ¯        Language Code    __

                     (Menu Options Overrides)
 Menu Option  . . _        Display Menu . . _        Delayed Menu     _

 Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


 Command====> MIOPR,N,AMYSA
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel
 F14=Copy
```

MIOPR – Operator Record

6. Type **AMY SAMPSON** in the Name field, **AMYSA** in the Password field, and **0001** in the Default Inst field and press [Enter] to add the operator and return to the Security Submenu.

```
MENU     ZERO    INFOPOINT 5.1 Institution Zero (DEVA)   0000 03-17-1999
                                                              More:   +
 Infopoint Security
             Panel ID          Panel Name
          1  MISOP      System and Security Options
          2  MIORG      Organization Definition
          3  2014       Online Institution Parameters
          4  MIOPR      Operator
          5  MIOPA      Operator Authorization
          6  MIOPP      Operator Profile Authorization
          7  MIORA      Operator Record Authorization
          8  MILSTOPR   List Operator Records
          9  MIPRO      Profile Definition
         10  MIPRD      Profile Resource Definition
         11  MIRDC      Resource Description
         12  MIRLN      Resource Description Language
         13  MIPRD      Profile Resource Definition
         14  MITDF      Transaction Definition
         15  MIWKU      Work Unit Definition
         16  MIMUD      Menu Definition

 Command====>
 F1=Help   F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

Security Submenu

The operator is now established. You cannot sign on at this point because the operator (Amy Sampson) is not tied to any authorized institutions or transactions.

Note: To expedite producing this list, establish the first operator and then use the copy function to add additional operators.

7. If you would like to redisplay what you just added, type **MIOPR,B,AMYSA** on the Security Submenu Command line and press [Enter]. The following panel appears.

```
MIOPR    ZERO                  Operator Record                0000 03-17-1999

                                                                  Delete
 Operator Id    : AMYSA

 Name . . . . . . Amy Sampson_____
 Password . . . .
 Default Inst     0001     Time Limit . . . 0800     Group

                    (Institution Parameters Overrides)

 Date Sequence     _        Date Delimiter   _       Time Delimiter    _
 Time Format  . . _         Use Currency CD  _       Currency Code    ____
 Amount Option    _         Language Code    __

                    (Menu Options Overrides)
 Menu Option  . . _       Display Menu . . _        Delayed Menu      _

 Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


 Command====> MIOPR,B,AMYSA
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel
 F14=Copy
```

MIOPR – Operator Record

Proceed to the next step, Connecting an Operator to an Institution, (MIOPA), to authorize the institution to which the operator has access.

2. Connecting an Operator to an Institution (MIOPA)

The Operator Authorization Record is used to define the institution to which an operator has access. If you are in a multiple institution environment, an operator can have access to more than 1 institution. One record is needed for each institution to which an operator has access. For example, if an operator has access to 4 institutions, then 4 MIOPA records are required with each one pointing to a different institution.

The Operator Authorization Record is also used to define which menu, organization definition, and region is tied to this operator. The menu is optional and if not used, the menu displays all transactions from the Profile Resource Definition records in alphabetical order. If a menu is used, the menu assigned is displayed when the operator signs on. The Organization Id is an optional user-defined field used for organization processing.

1. From the Security Submenu, type **MIOPA,N,AMYSA,1** on the command line and press [Enter]. The operator is now assigned to Institution 1 and the following panel appears.

```
MIOPA     ZERO              Operator Authorization        0000  03-17-1999

                                                          Delete  _

Operator Id  . . AMYSA
Operator's Inst  1

Menu Id  . . . . analysis
Organization Id  _____
Oper Price Rgn   ___










Command===> MIOPA,N,AMYSA,1
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel  F13=Select
```

MIOPA – Operator Authorization

2. Type **ANALYSIS** in the Menu Id field and press [Enter] to return to the Security Submenu.

   Note: The Analysis Menu Id is the Analysis Main Menu, which will display 2 submenus: ANMENU and ANMICM. After you set up this operator, the Analysis Main Menu will appear when you sign on as operator AMYSA.

3. From the Security Submenu, type **SGON** on the command line and press
    [Enter]. The following menu appears.

```
 SGON                        Infopoint Sign On/Change Institution


  Operator ID . . . . . . . . AMYSA____
  Password  . . . . . . . . .
  Institution . . . . . . . . ____      (Optional)









 Command====>
 F1=Help   F3=Exit   F12=Cancel
```

Signon Panel

4. Type **AMYSA** in the Operator Id and Password fields and press [Enter]. A
    blank menu appears.

```
 MENU     AMYSA   INFOPOINT 5.1 Institution One (DEVA)      0001 03-17-1999

 Menu Selection
                 Panel ID           Panel Name










 Command====>
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Menu Selection

The institution number is displayed at the top of the panel next to the date. The
operator now has access to Institution 1 but no transactions are available.

To establish transactions, you must set up MIOPP, MIPRO (if not already established), and MIPRD records for the operators under Institution Zero.

5. From the Menu Selection panel, type **SGON** and press [Enter]. The following panel appears.

```
 SGON                        Infopoint Sign On/Change Institution


 Operator ID . . . . . . . . ZERO____
 Password  . . . . . . . . .
 Institution . . . . . . . . ____      (Optional)













 Command====>
 F1=Help   F3=Exit   F12=Cancel
```

Signon Panel

6. Type **ZERO** in the Operator ID and Password fields and press [Enter]. The following panel appears.

```
 MENU     ZERO     INFOPOINT 5.1 Institution Zero (DEVA)      0000 03-17-1999

  Infopoint Security Main Menu
                 Panel ID          Panel Name
             1   SECURITY    Infopoint Security
             2   MIMICM      Master Information and Control
             3   MIAMT       Application Management/Merge Mapping











 Command====>  security
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Main Menu

7. Type **SECURITY** on the Command line and press [Enter]. The following Security Submenu appears.

```
MENU     ZERO     INFOPOINT 5.1 Institution Zero (DEVA)      0000 03-17-1999
                                                                   More:   +
Infopoint Security
              Panel ID              Panel Name
          1   MISOP      System and Security Options
          2   MIORG      Organization Definition
          3   2014       Online Institution Parameters
          4   MIOPR      Operator
          5   MIOPA      Operator Authorization
          6   MIOPP      Operator Profile Authorization
          7   MIORA      Operator Record Authorization
          8   MILSTOPR   List Operator Records
          9   MIPRO      Profile Definition
         10   MIPRD      Profile Resource Definition
         11   MIRDC      Resource Description
         12   MIRLN      Resource Description Language
         13   MIPRD      Profile Resource Definition
         14   MITDF      Transaction Definition
         15   MIWKU      Work Unit Definition
         16   MIMUD      Menu Definition

Command====> MIOPP
F1=Help   F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

Security Submenu

3.   Defining Organizational File Sets (MIORG)

The Organization Definition record is used to define which position in the COM-FILEOPTS to use for the API organization code, and what position to use for non-API VSAM files. For API organizations the Organization Id is the same code that is defined in the BNKBIPD2 Table with the BIMD2TAB macro TYPE=ORG ORGID=?. To set up only a non-API record, enter zero in the API Position. To set up only an API record, enter zeros in the File Set Position.

Note: If you are setting up an 'only API' record, only 1 record is needed for all products.

1. From the Security Submenu, type **MIORG** or **2** on the Command line and press [Enter]. The following key panel appears.

```
MIORGK   ZERO                 Organization Definition        0000  03-17-1999


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Org Id  . . . . . . . 001

   Product Code  . . . . MI





 Command===> MIORG
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIORG – Organization Definition (Key Panel)

2. Type **N** in the Function field, **001** in the Org Id field and **MI** for the product code and press [Enter].   The following panel appears.

```
MIORG    ZERO                 Organization Definition        0000  03-17-1999
                                                                    More: - +
                                                                    Delete  _

 Org Id . . . . : 1
 Product Code . : MI

 Org Name . . . . MICM Test Institution_____
 Org Position . . 24
 File Set Pos . . 24
 File Set Code    1








 Command===> MIORG,N,1,MI
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIORG – Organization Definition

4. Connecting an Operator to the New Profile (MIOPP)

This panel is used to define and maintain Operator Profile Authorization Records. These records are used to define which Profile Resource Definition may be used for an operator within an institution. All the transactions an operator has access to are tied to this profile. If a transaction needed by an operator is not tied to one of the operator's profiles, access is not granted.

Profiles are user-defined and should consist of job-related transactions which specific operators can access. For example, a new account clerk would have access to different transactions than an employee working a back room function. The name of the profile should also be job related.

If a user has access to multiple institutions and job functions different for each institution, you must have a different profile for each institution.

Next, tie the operator to the profile 'Analysis' to be created in the next step. Select MIOPP from the menu and perform a new function.

1. From the Security Submenu, type **MIOPP** and press [Enter]. The following key panel appears.

```
 MIOPPK    ZERO         Operator Profile Authorization     0000  03-17-1999


 Enter the following key parameters:


  Function  . . . . . . n              B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
  Operator Id . . . . . _amysa

  Operator's Inst . . . _1_

  Profile Seq . . . . . _1

  Profile Id  . . . . . _analysis

  Profile Type  . . . . _p
 Command===> MIOPP
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPP – Operator Profile Authorization (Key Panel)

Note: Once a record exists, you may browse the existing record and use the copy function for future new records.

2. Complete the panel as shown.

3. Press [Enter] and the following panel appears.

```
  MIOPP      ZERO           Operator Profile Authorization    0000  03-17-1999

                                                               Delete  _

  Operator Id  . . AMYSA
  Operator's Inst  1
  Profile Seq  . . 1
  Profile Id . . . ANALYSIS
  Profile Type . . P









  Command===> MIOPP,N,AMYSA,1,1,ANALYSIS,P
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel
  F13=Select
```

MIOPP – Operator Profile Authorization

- Analysis is the name of the profile Id set up for this operator.

  It is not recommended to use more than a single profile for an operator, unless a process is used to keep the Profile Resource records in Main Storage online.

- 'P' is the Profile Type.

4. Press [Enter] to add this record and return to the Security Submenu.

The following diagram recaps the entire setup and security process.

Set Up and Security Diagram

Online Transactions

MIWKU
What is the name of my work unit?

MITDF
What program invokes this transaction?

MIMUD
What names appear on my menu?

MIRDC
What type of transaction is this?

Online Programs

MIRLN
What description appears on my menu?

MIPRD

What transactions fit under the job profile for me?

Profile type 'P' records.

MIPRO

What are the names of my profiles?

MIORA

What fields are restricted to me?

Profile type 'R' records.

Online Programs

MIOPR

Who am I and what is my password?

MIORG
On what file set does the instituion reside?

MIOPA

What institution do I have access to?

What menu will I see when I sign on?

MIRLN
What description appears on my menu?

MIMUD
What names appear on my menu?

MIOPP

What profile for which institution is assigned to me and what is the type?

Establishing Panel-level Security

MICM 5.1 allows you to set up panel-level security for a specific operator for particular panels.

```
 MIPRD     ZERO                  Profile Resource Definition        0000  03-17-1999
                                                                          More: - +
                                                                          Delete  _

  Profile Id . . : MIMICM    Trans Id . . . : 0307
  Appl Code  . . : 0

  Add Ind   . . . . Y
  Delete Ind . . . Y
  Inquiry Ind  . . Y
  Change Ind . . . Y
  Misc Ind . . . . Y
  Report Ind . . . Y
  Employee Access  Y
  Officer Access   Y
  Director Access  Y
  Dormant Code . . Y
  Escheat Code . . Y
  Foreclose . . .  Y
  Charge Off . . . Y

  Command===> MIPRD,B,MIMICM,0307,0
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIPRD – Profile Resource Definition

This record allows a panel to be unprotected, used for inquiry only, or updated. Access can be limited based on status and type. This form can only be accessed when signed on under Institution Zero.

Note: If you tie a profile to an operator and you want to deny access to a particular transaction, create another profile with the transaction you want to exclude and turn all options to `N.´ Set the profile to a lower sequence so it is read before the main profile.

Establishing Field-level Security

MICM 5.1 allows you to set up field-level security for a specific field within a record. MICM Record ORA is used to set up this security. These parameters allow fields to be unprotected, dark protected, used for inquiry only, or updated. This record can only be accessed when signed on under Institution '0000'.

The example shown throughout this section is field-level security on the default Institution number for the Operator Record. The operator is Mary. Mary's Profile is 'MARYMI'. The token name for the default Institution is 'DEFAULT_INST'. The physical record ID for the OPR record is 'OA1'.

Note: The physical record IDs can be found in the application's *Reference Guide*.

```
MIORA     ZERO              Operator Record Authorization        0000  03-17-1999
                                                                       More: -
                                                                       Delete  _

  Profile Id . . : MARYMI                When adding a new record or deleting a
  Record Id  . . : OA1                   record, perform transaction MIBMTABL to
  Amt Appl Id  . :                       refresh Temporary Storage Records
  Field Name . . : DEFAULT_INST          beginning with MIORA.
  Record Seq . . : 00001

  Add Indicator    _ Change Ind . . . _ Delete Ind . . . _ Inquiry Ind  . . N
  Misc Ind . . . . _ Report Ind . . . _

  Employee Add . . _ Employee Change  _ Employee Delete  _ Employee Inq . . _
  Dormant Add  . . _ Dormant Change   _ Dormant Delete   _ Dormant Inquire  _
  Escheat Add  . . _ Escheat Change   _ Escheat Delete   _ Escheat Inquire  _

  Operation Code   __
  Joiner Code  . . _
  Mask Data  . . . _____

  Command===> MIORA,B,MARYMI,OA1,,DEFAULT_INST,00001
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F9=Edit   F11=Break
  F12=Cancel   F13=Select   F14=Copy
```

MIORA – Operator Record Authorization

The field name is either the token name or the AMT field number. If the record being accessed has not been tokenized, you must use the AMT field number. Along with this record, an additional MIOPP record must be set up for this profile with a profile type of 'R'.

```
 MIOPP      ZERO            Operator Profile Authorization      0000  03-17-1999
                                                                      More: - +
                                                                      Delete  _

  Operator Id  . : MARY
  Operator's Inst: 0
  Profile Seq  . : 1
  Profile Id . . : MARYMI
  Profile Type . : R





  Command===> MIOPP,B,MARY,0,1,MARYMI,R
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

MIOPP – Operator Profile Authorization

The MIOPP is set up for this profile with Profile type of 'P'.

```
 MIOPP      ZERO            Operator Profile Authorization      0000  03-17-1999
                                                                      More:   +
                                                                      Delete  _

  Operator Id  . : MARY
  Operator's Inst: 0
  Profile Seq  . : 1
  Profile Id . . : MARYMI
  Profile Type . : P





  Command===> MIOPP,B,MARY,0,1,MARYMI,P
  F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
  F13=Select   F14=Copy   F15=Bottom
```

MIOPP – Operator Profile Authorization

This record is necessary for access to transactions. The MIPRD actually ties the profile to transactions. There is panel-level security available with MIPRD and is tied to the transaction whereas the field-level security is tied to the record.

Only the transactions would be displayed.

Multiple Field Security Mask

This feature is used only for the Financial Control System. Using this feature for any other system will not work. Refer to the Financial Control System *Procedures Guide* for further information.

The MIORA field level security mask may be used to check two field values at one time. This special mask is only processed if a plus sign (+) appears in the MIORA field name. When the field name contains a plus sign, the mask data must also contain a plus sign. The data that appears to the left of the plus sign is matched to the input value using the designated operation code. If the result of this test is true, a second test is performed using the data to the right of the plus sign. The result of this second test must also be true for the entire field to be authorized.

For example, assume an operator is only authorized for cost centers 10 – 13 within account numbers 1011 – 1021. The following two MIORA records would be established:

Record 1:

Field Name	GLACCT+CNTR
Operation Code	GE
Joiner	A
Mask Data	000000000001011+000000000000010

Record 2:

Filed Name	GLACCT+CNTR
Operation Code	LE
Joiner	
Mask Data	000000000001021+000000000000013

This multiple field definition causes both ranges to be checked at one time. The result would be different if a GLACCT rule and CNTR rule were established separately. In that case, the GLACCT test would pass if it fell within the mask data range regardless of the CNTR input data. The separate check on CNTR input data would also pass if it fell within the mask data range regardless of the GLACCT input data. When two fields depend on each other, the plus sign technique must be used to produce the desired result.

How to Restrict Access to MICM Records

By restricting all or part of the key with the Operator Record Authorization Profile Record (ORA), selected MICM records with the same record number can be restricted for view and/or update restrictions can be applied.

The following example allows update access to MICM Record 0301 for Account Analysis, which has an Application Code of 06. The user is able to update the System Option Flags set on this record.

Perform the following steps to set up application-specific security for MICM Record 0301.

1. Using MICM security function MIPRO, create a new profile.

2. Using MICM security function MIOPP, tie the desired operator to the new profile with a profile type of 'R'.

3. Enter **MIAMTTM** on the Command line and press [Enter].

```
MIAMTTMK  ZERO      Application Management Table Maintenance  0000  01-03-2003


 Record Code  . ___

 Appl Code  . . __

 Function . . . _    (Enter (N)ew (M)aintain (D)elete (C)opy)









 Command===> MIAMTTM,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIAMTTMK – Application Management Table Maintenance

4. Obtain the External Record Code for MICM Record 0301 from the API Records chapter in *Reference Guide 2.* On the Application Management Table Maintenance key panel enter the following information:

   Record Code = **M63**
   Appl Code = **M**

   Press [Enter]. The primary panel is displayed.

5. Press [F8] to find the field you want to restrict which in this example is the Application Code. Write down the API Internal Record Code of O63 and the Token Name of Appl_Code. You will need this information to set the restrictions.

```
MIAMTTM   ZERO              Application Management Table Maint  0000  01-03-2003
                                                                        More - +

  Record Code    M63          Record Name Application System Option Flags
  Appl Code  . . M            User Program              Number Of Cards 3
  API Appl Code  MI Rec O63 File DD Name    O63         Nbr Print Lines 6
  Data Base Type A            Log Appl Id . . MI        Log Appl Rec Id OAJ
  Valid Eff Date N            Valid Model . . N         Valid Region    N
  Record Number  0301         File Opt Sub    24  Mgr 00 Record Function Y OI-Ctl
  Field Number   6            Field Name  . . Application Nbr
  Entry Type . . K            Edit Format . . 1         Edit Code . . . 4
  Field Length   2            Default Value             Decimal Pos . . 0
  Edit Ctl Low                Edit Ctl High             Field Update    Y
  Date Format                 Help Name . . .           Non Default Cd  N
  Field Id . . .              User's Code . .
                              Token Name  . . APPL_CODE
  Record Disp    9            Record Length   2
  Card Number    0            Card Displace   13        Print Format    1
  Head Line  . . 3            Head Displace   1
  Print Line . . 3            Print Displace  17        Print Length    2

  Command====>
  F1=Help   F2=Begin   F3=Exit   F4=Next   F5=Refresh   F7=Backward
  F8=Forward   F11=Break   F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance

6. Using MICM security function MIORA, add the application-specific
   limitations to the desired Record ID. Enter MIORA on the Command line
   and press [Enter]. The following key panel is displayed:

```
MIORAK    ZERO              Operator Record Authorization      0000  01-03-2003


  Enter the following key parameters:


   Function  . . . . . . _                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

      Profile Id  . . . . . _____

      Record Id . . . . . . ___

      Amt Appl Id . . . . . _

      Field Name  . . . . . _____
      Record Seq  . . . . . _____

  Command===> MIORA
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIORAK – Operator Record Authorization

7.   Enter the following information:

Function = **N**
Profile Id = New profile created in step 1
Record Id = **O63** (MICM Record 0301)

Note: This ID can be obtained by using MICM transaction MIAMTTM for record M63. The Record IDs (External and Internal Record Codes) are listed in the API Records chapter of *Reference Guide 2*.

Amt Appl ID = Leave blank
Field Name = **APPL_CODE**

Note: This Field Name is the token name taken from the AMT for the field you want to restrict. You can also use MIAMTTM to obtain this information.

Record Sequence = **00001**

```
MIORAK    ZERO           Operator Record Authorization      0000  01-03-2003


 Enter the following key parameters:


  Function  . . . . . . N              B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)
  Profile Id  . . . . . ONLYAP06

  Record Id . . . . . . O63

  Amt Appl Id . . . . . _

  Field Name  . . . . . APPL_CODE
  Record Seq  . . . . . 00001

 Command===> MIORA
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIORAK – Operator Record Authorization

8. Press [Enter] and the following primary panel is displayed:

```
MIORA     ZERO           Operator Record Authorization        0000  01-03-2003

                                                                   Delete  _

 Profile Id . . . ONLYAP06             When adding a new record or deleting a
 Record Id  . . . O63                  record, perform transaction MIBMTABL to
 Amt Appl Id  . .                      refresh Temporary Storage Records
 Field Name . . . APPL_CODE            beginning with MIORA.
 Record Seq . . . 00001

 Add Indicator    _ Change Ind . . . _ Delete Ind . . . _ Inquiry Ind  . . _
 Misc Ind . . . . _ Report Ind . . . _

 Employee Add . . _ Employee Change  _ Employee Delete  _ Employee Inq . . _
 Dormant Add  . . _ Dormant Change   _ Dormant Delete   _ Dormant Inquire  _
 Escheat Add  . . _ Escheat Change   _ Escheat Delete   _ Escheat Inquire  _

 Operation Code    __
 Joiner Code  . . _
 Mask Data  . . . _____
 000116  At least 1 restriction field must be entered when the Joiner is blank.
 Command===> MIORA,N,ONLYAP06,O63,,APPL_CODE,00001
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
 F16=Sp
```

MIORA – Operator Record Authorization

9. Enter the appropriate indicator (Y, N) to the Add, Change, Delete and Inquiry fields. The other indicator fields may be left blank. At the bottom of the panel enter the following:

   Operation Code = **EQ**
   Joiner Code = Leave blank
   Mask Data = **06**

```
MIORA     ZERO           Operator Record Authorization        0000  01-03-2003
                                                                   More:   +
                                                                   Delete  _

 Profile Id . . : ONLYAP06             When adding a new record or deleting a
 Record Id  . . : O63                  record, perform transaction MIBMTABL to
 Amt Appl Id  . :                      refresh Temporary Storage Records
 Field Name . . : APPL_CODE            beginning with MIORA.
 Record Seq . . : 00001

 Add Indicator    Y Change Ind . . . Y Delete Ind . . . Y Inquiry Ind  . . Y
 Misc Ind . . . . _ Report Ind . . . _

 Employee Add . . _ Employee Change  _ Employee Delete  _ Employee Inq . . _
 Dormant Add  . . _ Dormant Change   _ Dormant Delete   _ Dormant Inquire  _
 Escheat Add  . . _ Escheat Change   _ Escheat Delete   _ Escheat Inquire  _

 Operation Code    EQ
 Joiner Code  . . _
 Mask Data  . . . 06

 Command===> MIORA,B,ONLYAP06,O63, ,APPL_CODE,00001
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom   F16=Sp
```

MIORA – Operator Record Authorization

10. Press [Enter] to return to the Main Menu. Execute the MIBMTABL,B transaction to rebuild the temporary storage tables for MICM. Ensure that all operators affected by this change are signed off and signed back on so temporary working storage is rebuilt. Once signed on, the operator will be able to see MICM Panel 0301 for other applications, but all the fields will be protected.

11. Enter **0301,B** on the Command line. In the following example, Applications 01 and 04 appear as you press [Enter] to page forward in the browse. You will not see any values for these applications nor be able to update. You can choose to go directly to the desired application by entering **0301,b,06** on the Command line or bring up the key panel and enter your information there.

```
0301      LEEANN        Application System Option Flags      0001  01-03-2003
                                                                      More:    +
                                                                      Delete _

 Application Nbr: 01

 Option Flags 01 - 100
 ============================================================================

 01      02      03      04      05      06      07      08      09      10
 11      12      13      14      15      16      17      18      19      20
 21      22      23      24      25      26      27      28      29      30
 31      32      33      34      35      36      37      38      39      40
 41      42      43      44      45      46      47      48      49      50
 51      52      53      54      55      56      57      58      59      60
 61      62      63      64      65      66      67      68      69      70
 71      72      73      74      75      76      77      78      79      80
 81      82      83      84      85      86      87      88      89      90
 91      92      93      94      95      96      97      98      99      100


 Command===> 0301,B,01
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom   F16=Sp
```

0301 – Application System Option Flags

```
0301       LEEANN      Application System Option Flags     0001  01-03-2003
                                                                 More: - +
                                                                 Delete _

   Application Nbr: 04

   Option Flags 01 - 100
   ==========================================================================

   01      02      03      04      05      06      07      08      09      10
   11      12      13      14      15      16      17      18      19      20
   21      22      23      24      25      26      27      28      29      30
   31      32      33      34      35      36      37      38      39      40
   41      42      43      44      45      46      47      48      49      50
   51      52      53      54      55      56      57      58      59      60
   61      62      63      64      65      66      67      68      69      70
   71      72      73      74      75      76      77      78      79      80
   81      82      83      84      85      86      87      88      89      90
   91      92      93      94      95      96      97      98      99      100


   Command===> 0301,B,04
   F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
   F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom   F16=Sp
```

0301 – Application System Option Flags

When Application 06 is displayed, the values are displayed and available for update.

```
0301       LEEANN      Application System Option Flags     0001  01-03-2003
                                                                 More: - +
                                                                 Delete _

   Application Nbr: 06

   Option Flags 01 - 100
   ==========================================================================

   01 Y    02 _    03 Y    04 N    05 _    06 S    07 _    08 Y    09 _    10 _
   11 N    12 _    13 _    14 _    15 _    16 Y    17 N    18 _    19 _    20 _
   21 _    22 _    23 _    24 _    25 _    26 _    27 _    28 _    29 _    30 _
   31 _    32 _    33 _    34 _    35 _    36 _    37 _    38 _    39 _    40 _
   41 _    42 _    43 _    44 _    45 _    46 _    47 _    48 _    49 _    50 _
   51 _    52 _    53 _    54 _    55 _    56 _    57 _    58 _    59 _    60 _
   61 _    62 _    63 _    64 _    65 _    66 _    67 _    68 _    69 _    70 _
   71 _    72 _    73 _    74 _    75 _    76 _    77 _    78 _    79 _    80 _
   81 _    82 _    83 _    84 _    85 _    86 _    87 _    88 _    89 _    90 _
   91 _    92 _    93 _    94 _    95 _    96 _    97 _    98 _    99 _    100 _


   Command===> 0301,B,06
   F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
   F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom   F16=Sp
```

0301 – Application System Option Flags

How to Restrict Access to Infopoint IQ Messages

Infopoint IQ provides inquiry and update access to application data from a distributed environment. A client application sends an IQ request message to the Infopoint CICS function modules. Since the Infopoint CICS panels (terminal screens) are not utilized under this environment, the MICM command line Transaction ID normally entered by the user must be provided within the IQ request message. This field in the IQ request message is referred to as the "Request Identifier". It can be set to an existing CICS panel Transaction ID or to an IQ specific Transaction ID. An IQ specific Transaction ID will be required in many cases since IQ supports cross panel and even cross application access within a single IQ request. For example, an IQ request can be formatted that includes access to information from both the RCIF and Deposits applications. If an RCIF panel Transaction ID were used as the IQ message request identifier, only RCIF data would be subject to MICM security rules. All Deposits information within that request would be exposed without applying any operator security rules set up for the Deposits application.

Note: Refer to the Infopoint IQ *Reference Guide* for more information on IQ.

An IQ request is made up of one or more messages defined by an IQ Application Management Table (AMT) definition. An IQ request can be built containing RCIF Customer Account Information (message Q00R AMT key) along with Deposits Account Master (message Q01D AMT key) data. In this case, an IQ specific Transaction ID must be established in order to properly secure the cross application information. The IQ specific Transaction ID must then be added to a new or existing security profile and that profile must be tied to the operator IDs authorized to use the IQ request.

Setting UP an IQ-specific Transaction ID

Perform the following steps to set up an IQ specific Transaction ID (i.e., request ID):

1. Enter **MIIRD** on the Command line and press [Enter].

```
MIIRDK    ZERO              IQ Request Definition          0000  05-01-2008


 Enter the following key parameters:


   Function  . . . . . . _                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)
   Request Id  . . . . . _____

   Amt Appl Id . . . . . _

   Record Id . . . . . . ___



 Command===> MIIRD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIIRDK – IQ Request Definition Maintenance

2. Determine an appropriate name for the IQ request. For this example, we will use an ID of **IQCUSTDP** since it will secure customer and deposits data. Enter the following information on the IQ Request Definition key panel:

   Function = **N**
   Request ID = **IQCUSTDP**
   Amt Appl Id = **R**
   Record Id = **Q00**

   Press [Enter]. The primary panel is displayed.

```
 MIIRD     ZERO               IQ Request Definition          0000  05-01-2008

                                                               Delete  _

 Request Id . . . IQCUSTDP
 Amt Appl Id  . . R
 Record Id  . . . Q00








 Command===> MIIRD,N,IQCUSTDP,R,Q00
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIIRD – IQ Request Definition Maintenance

3. Press [Enter] to add a new IQ Request Definition record indicating that the RCIF Q00 AMT key is an authorized IQ message AMT for this request ID.

4. Repeat steps 1 and 2 using the following information on the IQ Request Definition key panel:

   Function = **N**
   Request Id = **IQCUSTDP**
   Amt Appl Id = **D**
   Record Id = **Q01**

5. Repeat step 3 to add the Deposits Q01 AMT key as an authorized IQ message AMT for this request ID.

6. Using MICM security function MIPRO, create a new profile or determine whether an existing Profile ID can be used for this IQ request ID.

7. If a new profile was created in step 6, use MICM security function MIOPP to tie the desired operator(s) to the new profile with a profile type of 'P'.

8. Enter **MIPRD** on the Command line and press [Enter].

```
 MIPRDK    ZERO           Profile Resource Definition      0000  05-01-2008


 Enter the following key parameters:


   Function  . . . . . . _                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)
   Profile Id  . . . . . _____

   Trans Id  . . . . . . _____

   Appl Code . . . . . . __



 Command===> MIPRD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIPRD – Profile Resource Definition Maintenance

9. Attach the new IQ request ID to the Profile ID used in step 6. For this example, we will use a Profile ID of **IQPROF01**. Enter the following information on the Profile Resource Definition key panel:

Function = **N**
Profile ID = **IQPROF01**
Trans Id = **IQCUSTDP**
Appl Code = **blank**

Press [Enter]. The primary panel is displayed.

```
MIPRD     ZERO              Profile Resource Definition        0000  05-01-2008

                                                                Delete  _

Profile Id . . . IQPROF01 Trans Id . . . . IQCUSTDP
Appl Code  . . . 0

Add Ind  . . . . Y
Delete Ind . . . Y
Inquiry Ind  . . Y
Change Ind . . . Y
Misc Ind . . . . Y
Report Ind . . . Y
Employee Access  Y
Officer Access   Y
Director Access  Y
Dormant Code . . Y
Escheat Code . . Y
Foreclosure  . . Y
Charge Off . . . Y

Command===> MIPRD,N,IQPROF01,IQCUSTDP,0
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRD – Profile Resource Definition Maintenance

10. Change the access indicators from **Y** to **N** as desired for this Transaction ID
    (IQ request ID). Press [Enter] to add the IQ Request ID to the security
    profile.

11. Enter **MIBMTABL,B** on the Command line and press [Enter]. This will
    rebuild the temporary storage tables used by MICM.

Displaying IQ Request Definition Records and Corresponding IQ Message AMT Keys

Perform the following steps to display all IQ Request Definition records along with their corresponding IQ message AMT keys:

1. Enter **MIRDMLST** on the Command line and press [Enter].

```
MIRDMKEY  ZERO              IQ Request Definition List Key      0000  05-01-2008


Enter the following key parameters:

  Request ID  . . . . . . . _____

  AMT Appl Code . . . . . . __

  AMT Record Code . . . . . ___







Command====> MIRDMLST,,,
F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIRDMLST – IQ Request Definition List Key

2. Optionally, enter a Request ID, AMT Appl Code, and AMT Record Code to be used as a starting point for this display. If these key fields are left blank, the display will begin with the first record on file.

    Press [Enter]. The list panel is displayed.

```
MIRDMLST  ZERO              IQ Request Definition  Listing      0000 05-01-2008


-----------------------------------------------------------------------------------
Request    AMT      AMT
  ID       Appl-ID  Record-Code  AMT Description
-----------------------------------------------------------------------------------
IQCUSTDP   D        Q01          Infopoint IQ Dda Master
IQCUSTDP   R        Q00          Infopoint IQ Account Information








Command====> MIRDMLST,IQCUSTDP,,
F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F11=Break   F12=Cancel
```

MIRDMLST – IQ Request Definition Listing

Institution Zero

MICM is delivered with the first Infopoint product purchased and is designed to run as an institution. Institution Zero was selected to avoid any conflict with customer institution numbers. As an important component of processing, Institution Zero houses many different kinds of records. These records can relate to Institution Zero only, 1 or more applications, security issues or the tools delivered to help you tailor your online processing. The following table lists MICM-owned records by ID and name and where the record is to be set up. Most other records will be set up at conversion and will not be changed later. All necessary records will be delivered with MICM on the installation tape. These records must be reviewed and altered to fit your environment.   An entry under Institution Setup indicates control for institution setup.

Record ID	Record Name	Institution Setup
0020	Holding Company Information	
0021	Region Information	
0120	Super MICR II On-Us Institution Parameters	
0124	Super MICR II Application Sort Table	
0134	Super MICR II Transit Sort Table	
0211	Application Information	
0231	Application Edit Table	
0233	Regulation CC Institution Notice	
0234	Federal Withholding Information	
0236	Federal Holidays	
0237	Program Interface Parameters	
0239	Multisort Interface	
0242	Employee Information	
0245	General Ledger Interface	
0248	Cost Center Information	
0301	Application System Option Flags	
0307	Application System Report Flags	
0316	Source Code Description	
0320	Deposit Fund Name and Address	

Record ID	Record Name	Institution Setup
0322	Deposit Fund Sweeping Destination Information	
0323	Deposit Fund Sweeping Institution Information	
0324	Deposit Fund Sweeping Fund Information	
0390	Regulation CC Institution Parameters	
0391	EFAS Type Processing Parameters 1	
0392	EFAS Type Processing Parameters 2	
0393	EFAS Type Processing Parameters 3	
0395	EFAS Regulation CC Exception Description	
0404	Online Abort Messages	Institution Zero and Null File Set
0980	Customer Name and Address	
0982	Customer Alternate Name and Address	
0984	Application Alternate Name and Address	
0986	Customer Statistical Information	
0988	Customer Business Information	
1001	Institution Information	
1003	Type Information	
1004	Code Description	
1006	Error Message Information	Institution Zero Only
1007	POD On-Us Processing Parameters	
2000	Advertising Messages	
2001	Branch Information	
2002	Index Rate Record	
2005	Cycles Information	
2006	Account Verification Formulas	
2007	Application Schedule Report Options	

Record ID	Record Name	Institution Setup
2008	Address Mailing Parameters	Institution Zero Only
2009	Address Mailing Parameters Postal	Institution Zero Only
2011	Online and Batch Messages	Institution Zero and Null File Set
2012	Online Key Structures	Institution Zero and Null File Set
2013	Transaction Code Parameters	
2014	MICM Institution Parameters	
2015	Index Rate Record	
2016	Alternate Institution Information	
2017	Maintenance History Parameters	
2018	Currency Information	Institution Zero Only
2019	Currency Conversion Information	Institution Zero Only
2020	Currency Exchange Rate	Institution Zero Only
2021	Institution Holidays	
2022	Language Table	Institution Zero and Null File Set
2023	Product Code Information	Null File Set
2024	Institution Groups	Institution Zero and Null File Set
2025	Alert Code Information	
2026	TSQ Management	Institution Zero and Null File Set
4005	Mapper File Directory	Institution Zero and Null File Set
7000	RCIF Translation Field Table	Institution Zero and Null File Set
7001	Translation Tables	Institution Zero and Null File Set

Record ID	Record Name	Institution Setup
MIAMTTM	Application Management Table Maintenance	
MIASKINQ	Ask Infopoint Inquiry	
MIASKUPD	Ask Infopoint New or Maintenance	
MIBMTABL	Build MICM Temporary Storage Table	
MICFL	Field Language Table	Institution Zero and Null File Set
MICLD	Logical Database Table	Institution Zero and Null File Set
MICRL	Record Language Table	Institution Zero and Null File Set
MICSF	Field Definition Table	Institution Zero and Null File Set
MICSK	Key Definition Table	Institution Zero and Null File Set
MICSR	Record Definition Table	Institution Zero and Null File Set
MIFM	Form Number Key	
MIHSTM	Maintenance History Maintenance	
MIHS	Host Data Transfer Function Message Simulator	
MIHST	Maintenance History	
MIMMAPM	Merge Mapping File Maintenance	
MIMUD	Menu Definition	Institution Zero and Null File Set
MIOPA	Operator Authorization	Institution Zero and Null File Set
MIOPP	Operator Profile Authorization	Institution Zero and Null File Set
MIOPR	Operator Record	Institution Zero and Null File Set
MIORA	Operator Record Authorization	Institution Zero and Null File Set
MIORG	Organization Definition	Institution Zero and Null File Set

Record ID	Record Name	Institution Setup
MIPRD	Profile Resource	Institution Zero and Null File Set
MIPRO	Profile Definition	Institution Zero and Null File Set
MIRDC	Resource Definition	Institution Zero and Null File Set
MIRLN	Resource Definition Language	Institution Zero and Null File Set
MISOP	System and Security Options	Institution Zero and Null File Set
MITDF	Transaction Definition	Institution Zero and Null File Set
MIWKU	Work Unit Definition	Institution Zero and Null File Set

How to Change the Institution Being Viewed

This procedure allows you to change the institution being viewed while keeping the same operator ID and password. Authorization for processing on alternate institutions is controlled in the MICM MIOPA Record.

1. While signed on, type **CHNG** and press [Enter] to display the Change Institution panel.

2. Enter a value in the Institution field and press [Enter]. The system signs off from the current institution and signs on to the alternate institution.

   Note: An operator record must be established for each institution for which the operator is allowed access.

You can also enter **CHNG,9999** on the Command line and press [Enter]. By entering the Institution number following CHNG, you can change the institution in 1 step.

How to Research the Operator Security Profile

The transactions used in this procedure were created through the Merge Mapping facility provided within MICM.

This transaction was created to assist in the research of operator records and the transactions, profiles, and organizations tied to the operator. This is a cross-institution browse. You may start with 1 institution and continue to any subsequent institution selected within the browse. If a record does not exist, it is not displayed.

```
 MISECINQ  ZERO                Security Inquiry              0000  03-17-1999


  Enter the following key parameters:

      Starting Operator ID. . . . . . . . a_____

      Ending Operator   ID. . . . . . . . z_____       (Required if
                                                         searching by range)






 Command====> MIOPRINQ,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MISECINQ – Security Inquiry

```
  MIOPRLST  ZERO              List Operators             0000 03-17-1999
                                                                More:   +


  ----------------------------------------------------------------------------
                 (-----Institution/Menu Overrides-----)
  Operator Df-I Time D-S D-D T-D T-F U-C A-O Lg M-O D-M Dl-M Name
  ----------------------------------------------------------------------------
  AMY      1    800                                              AMY
  AMYSA1   0    800                                              AMY SANDERS
  AMYSA2   1    800                                              AMY TEST
  AMYSA3   1    800                                              AMY SAMPSON
  ANALYSIS 1    2400                                             Analysis Operator
  AN84FSJ  1    2400                                             Analysis Operator
  AN84FS1  1    2400                                             Analysis Operator
  AN84FS4  1    2400 3   /                                       Analysis Operator
  CUSTOMER 1    800                            EN                CUSTOMER ONE
  HINRO02  0    800                                              RON HINKLEY
  INFPOPR  1    2400                                             All Application Oper
  LAVERNE  0    800                                              LAVERNE
  MARY     0    800                                              MARY

  Command====> MILSTOPR,A,Z
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F11=Break   F12=Cancel
```

MIOPRLST – List Operators

1. Select the transaction MISECINQ from the menu. Enter the Starting and Ending Operator IDs.

2. Select the transaction MIOPRPRO from the menu. Starting and Ending Institutions are not required. If no institution is selected, the first record is displayed starting with Institution Zero.

   If there is a starting institution but no ending, only that institution's records are displayed. If both the Starting and Ending Institution fields are filled, the records displayed are within the range entered.

   This transaction can be used to quickly browse an operator's records across 1 or more institutions.

3. At the following key panel, enter the Operator ID of **ZERO**, Starting Institution of **0,** and Ending Institution of **2**. The system displays the first record matching these criteria.

```
MIOPRPRK   ZERO              Operator Security Profile         0000  03-17-1999



 Enter the following key parameters:

   Operator ID . . . . . . . zero

   Starting Institution  . . 0___

   Ending Institution  . . . 2___







 Command====> MIOPRPRK,,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIOPRPR – Operator Security Profile (Key Panel)

4. Press [Enter] to display the first record, the Operator Record (OPR). All required information for this record is displayed.

```
MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                 More:   +
  ZERO     Security Operator
 ------------------------------------------------------------------------------
 Operator                  **** Operator Record (OPR) ****
 ------------------------------------------------------------------------------
  ZERO     Operator Name . . : Security Operator
           Default Inst  . . : 0000          Time Limit . . . . : 2400
           Date Sequence . . :              Date Delimiter . . :
           Time Delimiter  . :              Time Format  . . . :
           Use Currency Code :              Currency Code  . . :
           Amount Option . . :              Language Code  . . :
           Menu Option . . . :              Display Menu . . . :
           Delayed Memu. . . :




  Command====> MIOPRPRO,ZERO,0,2
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

5. Press [Enter] to display the Operator Authorization (OPA) Record.

```
MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                 More: - +
  ZERO     Security Operator
 ------------------------------------------------------------------------------
  Inst-Nbr                  **** Operator Authorization (OPA) ****
 ------------------------------------------------------------------------------
  0000     Operator Id . . . : ZERO
           Menu Id . . . . . :
           Organization Id . :
           Pricing Region  . :






  Command====> MIOPRPRO,ZERO,0,2
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

6. Press [Enter] to display the Operator Profile Authorization (OPP) Record. Note that the Profile Sequence is **00** and the Profile ID is **SECURITY**. The profile for this operator is displayed first. Any transactions tied to this profile are displayed before the other profile transactions.

```
MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                    More: - +
 ZERO      Security Operator
 ------------------------------------------------------------------------------
 Inst-Nbr          *** Operator Profile Authorization (OPP) ***
 ------------------------------------------------------------------------------
 0000      Operator Id . . . : ZERO
           Profile Sequence. : 00
           Profile Id  . . . : SECURITY
           Profile Type  . . : P




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

7. Press [Enter] to display the next series of records, which are the Profile Resource Definition (PRD) records. These records are tied to the profile of 'Security'.

```
MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                    More: - +
 ZERO      Security Operator
                    *** Profile Resource Definition (PRD) ***
 ------------------------------------------------------------------------------
 Profile Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
 ------------------------------------------------------------------------------
 SECURITY MIAMT     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIBMTABL  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MILSTOPR  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIMICM    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIMUD     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPA     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPP     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPR     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPRINQ  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPRLST  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPRPRK  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPRPRL  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY MIOPRPRO  0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y

 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

8. Press [Enter] to display the next panel.

```
MIOPRPRL  ZERO            Operator Security Profile        0000 03-17-1999
                                                                More: - +
ZERO      Security Operator
                  *** Profile Resource Definition (PRD) ***
----------------------------------------------------------------------------
Profile Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
----------------------------------------------------------------------------
SECURITY MIORA    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIORG    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIPRD    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIPRO    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIRDC    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIRLN    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MISOP    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MITDF    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MITSS    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY MIWKU    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY M20041   0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY M20042   0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY SECURITM 0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y

Command====> MIOPRPRO,ZERO,0,2
F1=Help   F2=Begin   F3=Exit    F4=Next    F7=Backward   F8=Forward
F11=Break    F12=Cancel
```

MIOPRPRL – Operator Security Profile

9. Press [Enter] to display the next panel.

```
MIOPRPRL  ZERO            Operator Security Profile        0000 03-17-1999
                                                                More: - +
ZERO      Security Operator
                  *** Profile Resource Definition (PRD) ***
----------------------------------------------------------------------------
Profile Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
----------------------------------------------------------------------------
SECURITY SECURITY 0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 0233     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 0244     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 0404     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 1006     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2003     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2004     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2008     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2010     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2011     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2012     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2014     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
SECURITY 2022     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y

Command====> MIOPRPRO,ZERO,0,2
F1=Help   F2=Begin   F3=Exit    F4=Next    F7=Backward   F8=Forward
F11=Break    F12=Cancel
```

MIOPRPRL – Operator Security Profile

10. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO            Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO      Security Operator
                       *** Profile Resource Definition (PRD) ***
 ----------------------------------------------------------------------------
 Profile  Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
 ----------------------------------------------------------------------------
 SECURITY 2043      0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY 4005      0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

11. Press [Enter] to display the next transactions, which are the OPP and PRD records for the profile MIAMT. Note that the Profile Sequence is **05**. These transactions are displayed after Sequence 0.

```
 MIOPRPRL   ZERO            Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO      Security Operator
 ----------------------------------------------------------------------------
 Inst-Nbr         *** Operator Profile Authorization (OPP) ***
 ----------------------------------------------------------------------------
 0000      Operator Id . . . : ZERO
           Profile Sequence. : 05
           Profile Id  . . . : MIAMT
           Profile Type  . . : P




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

12. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO      Security Operator
                     *** Profile Resource Definition (PRD) ***
 ------------------------------------------------------------------------------
 Profile  Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
 ------------------------------------------------------------------------------
 MIAMT    MIAMTTM   0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIAMT    MICFL     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIAMT    MICLD     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIAMT    MICRL     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIAMT    MICSF     0    N   N   Y   Y   N   N   N   N   N   N   N   N   N
 MIAMT    MICSK     0    N   N   Y   N   N   N   N   N   N   N   N   N   N
 MIAMT    MICSR     0    N   N   Y   Y   N   N   N   N   N   N   N   N   N
 MIAMT    MIMMAPM   0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break    F12=Cancel
```

MIOPRPRL – Operator Security Profile

13. Press [Enter] to display the next transactions, which are the OPP and PRD records for the profile MIMICM. Note that the Profile Sequence is **05**. These transactions are displayed after Sequence 0.

```
 MIOPRPRL   ZERO              Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO      Security Operator
 ------------------------------------------------------------------------------
 Inst-Nbr          *** Operator Profile Authorization (OPP) ***
 ------------------------------------------------------------------------------
 0000      Operator Id . . . : ZERO
           Profile Sequence. : 05
           Profile Id  . . . : MIMICM
           Profile Type  . . : P








 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break    F12=Cancel
```

MIOPRPRL – Operator Security Profile

14. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO           Operator Security Profile         0000 03-17-1999
                                                                  More: - +
 ZERO      Security Operator
                    *** Profile Resource Definition (PRD) ***
 ---------------------------------------------------------------------------
 Profile  Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
 ---------------------------------------------------------------------------
 MIMICM   MIASKINQ 0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   MIASKUPD 0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   MIHST    0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   MIHSTM   0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   0307     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   1001     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   2016     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   2017     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MIMICM   2021     0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

15. Press [Enter] to display the next series of panels, which provide information
    for Institutions 0001 and 0002. OPA, OPP, and PRD are displayed,
    respectively.

```
 MIOPRPRL   ZERO           Operator Security Profile         0000 03-17-1999
                                                                  More: - +
 ZERO      Security Operator
 ---------------------------------------------------------------------------
 Inst-Nbr             **** Operator Authorization (OPA) ****
 ---------------------------------------------------------------------------
 0001      Operator Id . . . : ZERO
           Menu Id . . . . . :
           Organization Id . :
           Pricing Region  . :








 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

16. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO            Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO     Security Operator
 ------------------------------------------------------------------------------
 Inst-Nbr          *** Operator Profile Authorization (OPP) ***
 ------------------------------------------------------------------------------
 0001     Operator Id . . . : ZERO
          Profile Sequence. : 00
          Profile Id  . . . : SECURITI
          Profile Type  . . : P




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

17. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO            Operator Security Profile        0000 03-17-1999
                                                                   More: - +
 ZERO     Security Operator
                   *** Profile Resource Definition (PRD) ***
 ------------------------------------------------------------------------------
 Profile Trans-Id Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A E-C D-C Foc C-O
 ------------------------------------------------------------------------------
 SECURITI 2014      0   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

18. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO              Operator Security Profile          0000 03-17-1999
                                                                      More: - +
 ZERO     Security Operator
 -------------------------------------------------------------------------------
 Inst-Nbr              **** Operator Authorization (OPA) ****
 -------------------------------------------------------------------------------
 0002     Operator Id . . . : ZERO
          Menu Id . . . . . :
          Organization Id . :
          Pricing Region  . :




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

19. Press [Enter] to display the next panel.

```
 MIOPRPRL   ZERO              Operator Security Profile          0000 03-17-1999
                                                                      More: - +
 ZERO     Security Operator
 -------------------------------------------------------------------------------
 Inst-Nbr           *** Operator Profile Authorization (OPP) ***
 -------------------------------------------------------------------------------
 0002     Operator Id . . . : ZERO
          Profile Sequence. : 00
          Profile Id  . . . : SECURITI
          Profile Type  . . : P




 Command====> MIOPRPRO,ZERO,0,2
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIOPRPRL – Operator Security Profile

What Profiles Have Transaction

This panel is a merge map designed to display all the profiles in which the transaction ID was requested on the key panel. This transaction works in a Browse mode.

1. Enter all or part of the Transaction ID. The first record on the file matching the key entered is displayed.

2. Press [Enter] to continue to browse until you have reached the end of the records.

3. From the Menu, type **MIWHATHA** and press [Enter]. The following key panel is displayed.

```
 MIWHATK   ZERO           What Profiles have Transaction      0000  03-17-1999



 Enter the following key parameters:

   Transaction ID  . . . . . _____










 Command====> MIWHATHK,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIWHAT – What Profiles have Transaction

```
  MIWHATK   ZERO              What Profiles have Transaction       0000  03-17-1999


 Enter the following key parameters:

   Transaction ID  . . . . . miopr___







 Command====> MIWHATHK,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIWHAT – What Profiles have Transaction

4. Enter **MIOPR** in the Transaction ID field and press [Enter]. The following primary panel is displayed.

```
  MIWHATPR   ZERO          What Profiles have Transaction        0000 03-17-1999

                 MIOPR    Operator
 -------------------------------------------------------------------------------
 Profile-Id      Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A D-C E-C Foc C-O
 -------------------------------------------------------------------------------
 CLASS            0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MARYMI           0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 MULTI            0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
 SECURITY         0    Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y








 Command====> MIWHATHA,MIOPR
 F1=Help    F2=Begin   F3=Exit    F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIWHATPR – What Profiles have Transaction

5. Following the title of this transaction you can complete the question, What Profiles have Transaction MIOPR, named Operator? Each time a new Transaction ID is read, the Transaction ID and the name of the Transaction is displayed under What Profiles have Transaction.

Who Can Perform Transaction

This panel is a merge map designed to display all operators with access to the Transaction ID requested on the key panel. This transaction works in a Browse mode. The search can be performed by operator and institution.

1. Type all or part of the Transaction ID. The first record on the file matching the key entered is displayed.

2. Press [Enter] to continue to browse until you have reached the end of the records.

3. From the menu, type **MIWHOCAN** and press [Enter]. The following key panel is displayed.

```
 MIWHOCAN   ZERO           Who Can Perform Transaction        0000  03-17-1999



 Enter the following key parameters:

   Transaction ID  . . . . . _____

   Operator Id . . . . . . . _____

   Starting Institution  . . ____

   Ending Institution  . . . ____





 Command====> MIWHOCAN,,,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIWHOCAN – Who Can Perform Transaction

```
MIWHOCAN    ZERO            Who Can Perform Transaction           0000  03-17-1999


 Enter the following key parameters:

   Transaction ID  . . . . . miopr___

   Operator Id . . . . . . . _____

   Starting Institution  . . ____

   Ending Institution  . . . ____




 Command====> MIWHOCAN,,,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIWHOCAN – Who Can Perform Transaction

4. Enter **MIOPR** in the Transaction ID field and press [Enter]. The following primary panel is displayed.

```
MIWHOCAN   ZERO            Who Can Perform Transaction          0000 03-17-1999

                 MIOPR    Operator
--------------------------------------------------------------------------------
Operator Profile  Inst Appl A-I D-I I-I C-I M-I R-I E-A O-A D-A D-C E-C Foc C-O
--------------------------------------------------------------------------------
AAA       MULTI    0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
DALLAS    CLASS    0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
HINRO02   SECURITY 0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
INQUIRY   SECURITY 0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
MARY      MARYMI   0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
TEST      CLASS    0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y
ZERO      SECURITY 0000
                            Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y   Y

Command====> MIWHOCAN,MIOPR,,,
F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
F11=Break   F12=Cancel
```

MIWHOCAN – Who Can Perform Transaction

5. Following the title of the transaction you can complete the question, Who Can Perform Transaction MIOPR, named Operator? Each time a new Transaction ID is read, the Transaction ID and the name of the transaction is displayed under Who Can Perform Transaction.

   The Operator, Profile ID, Institution, Application Code, if applicable, and all indicators tied to the transaction through the MIPRD record are displayed.

Technical Processing

The information contained in this section helps data processing personnel with the day-to-day operation of MICM. The section provides suggestions for efficient use and answers to frequently asked questions concerning technical processing. The procedures are presented as how-to instructions, and can take the form of a brief helpful hint or a detailed step-by-step explanation of an important system-processing feature.

Refer to the MICM *Installation Guide* for specific installation procedures in accordance with the type of system you are using (MVS or VSE). Refer to the Conversion chapter in the MICM *Operations Guide* for specific conversion procedures.

How to Use Ask Infopoint

Ask Infopoint is an electronic bulletin board that financial institutions can use to communicate with their employees.

If you use this option when you sign on (**SGON**), a bulletin board appears. The text on this panel is user-defined, in free-form style (your choice of layout and content). If you would like to bypass this panel, the SGON BULLETIN field on MICM Record 2014 must be left blank.

Ask Infopoint allows MICM users to load reference data, through batch or online, onto 79-character by 24-line text files that can be accessed online and displayed in panel form whenever the information is needed. For maximum flexibility, CUA is not strictly enforced. An unlimited number of panels can be stored in Ask Infopoint, and menus can be built to organize and expedite the retrieval of this information.

Since there are no restrictions to the content or quantity of information stored in the system, Ask Infopoint can display a wide variety of data ranging from loan/deposit rates to personnel messages.

Note: The security measures established for Ask Infopoint are identical to those used in other Infopoint panels. The information contained in these panels is readily accessible, therefore, use caution when granting operator security.

Using Ask Infopoint

Ask Infopoint is comprised of 2 functions accessed by the following commands:

MIASKINQ   Controls the access and display of text and/or menu files. Operators with access to this transaction code can select and view the entire range of panels. However, MIASKINQ panels cannot be edited.

MIASKUPD   Used to create and maintain the text and/or menu information displayed on the MIASKINQ panels. Based on the operator's online security, access to this transaction code allows total file editing/updating capabilities for the institution to which the operator is signed on.

Accessing MIASKUPD

1. Access the MIASKUPD panel using 1 of the methods described in the section How to Access a Panel of this chapter. The following panel appears.

```
MIASKUPD  INFPOPR        Ask Infopoint New or Maintenance    001   08-12-1998


 Enter the following key parameters:


    Function . . . . . N           N: New
                                   M: Maintenance

    Keyword   . . . . . MICMTEST_____




 

 Command====> MIASKUPD,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIASKUPD – Ask Infopoint New or Maintenance (Key Panel)

2. At the key panel, specify the desired function. Valid entries are:
   M Maintenance of an existing record.
   N Create a new record.

3. Enter the keyword. Each keyword is a unique, user-defined description of the panel display it represents. Although a keyword can contain more than one word, only one keyword is allowed for each panel display. Keywords are limited to 20 alphanumeric characters, including spaces. See Creating Keywords in this chapter for more information.

```
&SYSTIME           * * *   A S K   I N F O P O I N T   * * *     &SYSDATE
           * * *   A S K   I N F O P O I N T   P R O C E D U R E S   * * *


          Keyword           Enter          Description

          ASKINFO1            1            Ask Infopoint Update Procedures

          ASKINFO2            2            Ask Infopoint Inquiry Procedures



      Ask Infopoint allows for the creation, Maintenance, deleting and
      inquiring of text files.

      Text files may be arranged as menus or used to describe a specific
      procedure.

      Two panel-IDs are used for Ask Infopoint.  The first (MIASKUPD), is
      used to create, maintain and delete text files.  The second (MIASKINQ), is
      used to inquire into the text files.


&SYSCOMMANDE MIASKINQ,U,ASKINFO
```

Ask Infopoint New or Maintenance (Primary Panel)

4. Press [Enter]. The MIASKUPD primary panel appears. This panel is blank and completely free form and must be user defined. The information in each panel is displayed in an area 79 characters wide and 24 lines deep, with the exception of line 24, position 13. The panel above is a sample of what can be entered.

Ask Infopoint Setup Options

MIASKUPD provides you with the ability to:

- Display the system date and time.
- Select which panels are to be displayed.
- Link panels together and display them sequentially.

Displaying Current Time

1. Move the cursor to Line 1, Position 1.
2. Type **&SYSTIME** to display the time whenever this panel appears.

Displaying Current Date

1. Move the cursor to Line 1, Position 73.
2. Type **&SYSDATE** to display the date whenever this panel appears.

Selecting Panels to Display or Creating a Menu

1. Move the cursor to Line 24, Position 1.

2. Type **&SYSCOMMANDE** followed by the first part of the next command to be displayed. Whatever you type on the Command line is concatenated to the command, and that keyword is retrieved. For example:

   &SYSCOMMANDE MIASKINQ,I

   This command looks for a keyword on the Command line. Use this command to move from one keyword to another.

Linking and Displaying Panels Sequentially

1. Move the cursor to Line 24, Position 1.

2. Type **&SYSCOMMANDN** followed by the next command (including keyword). This results in the command being executed whenever [Enter] is pressed. Using this method, individual panels can be linked together and displayed in a specified order automatically without additional prompting or input. This is useful when there is too much information to fit on a single panel or when panels must be displayed sequentially.

   &SYSCOMMANON MIASKINQ,I,ASKINF02

   This command forces the stringing of keywords together as a unit. Press [Enter] to move forward. This command expects a transaction to be entered on the Command line.

Exiting MIASKINQ and Invoking a Specified Transaction

1. Move the cursor to Line 24, Position 1.

2. Type **&SYSCOMMANDI** followed by the next command. Whatever you enter on the Command line is concatenated to the command, and that transaction is executed. (This functions like the [F4] in other Infopoint applications.) For example:

   &SYSCOMMANDI MIOPR, B

Editing and/or Processing a MIASKUPD Panel

1. Access the MIASKUPD panel using 1 of the methods described in the section How to Access a Panel of this chapter.

2. Place the cursor on whatever line an action is desired and press [F10]. An action panel appears superimposed over the primary panel.

```
&SYSTIME    ............................................... &SYSDATE
      * * * :                                              : * * * *
            :       Key Word: MICM                         :
            :                                              :
      KEYWO :    PLEASE SELECT THE DESIRED ACTION: 9       :
      ----- :                                              :
            :       1 : ADD NEW LINE                       :
      ASKIN :       2 : DELETE CURRENT LINE                :
            :       3 : INSERT LINE                        :
      SECUR :       4 : COPY LINE                          :
            :       5 : MOVE LINE                          :
            :                                              :
            :       6 : PURGE RECORD                       :
    ASK INF :       7 : REPLICATE RECORD                   : NG AND
    INQUIRI :       8 : UNDO CHANGES                       :
            :                                              :
    SECURIT :       9 : EXIT                               : ND MENUS
    VIA MIC :      10 : SAVE TEXT AND RETURN               :
            :      11 : QUIT PANEL DO NOT SAVE TEXT        :
            :                                              :
            :       Description . . MICM PROCEDURES        :
    ******* :                                              : *******
            :..............................................:
&SYSCOMMANDE MIASKINQ,U,
```

Ask Infopoint New or Maintenance (Action Panel)

3. Select the desired action from the action panel.

4. Press [Enter].

MIASKUPD
Transaction (F10)
Functionality

The MIASKUPD [F10] panel supports 11 functions that are invoked through a menu.

Function	Description
ADD NEW LINE	Adds a new line directly above the line on which the cursor is positioned at the time this function is invoked.
DELETE CURRENT LINE	Deletes the current line on which the cursor is positioned at the time this is invoked.
INSERT LINE	Inserts a line directly above the line the cursor is on at the time this function is invoked. Used in conjunction with the COPY LINE and MOVE LINE functions to insert copied and moved lines to the desired destination.
COPY LINE	Copies the current line to be inserted using the 'INSERT LINE' command. Select the 'COPY LINE' function first, then press [F10] again and select the 'INSERT LINE' function to insert the copied line.
MOVE LINE	Moves the current line to be inserted using the 'INSERT LINE' command. Select the 'MOVE LINE' function first, then press [F10] again and select the 'INSERT LINE' function to insert the line at the desired location.
PURGE RECORD	Deletes the current Ask Infopoint record and returns control to the MIASKUPD key panel.
REPLICATE RECORD	Produces a copy of the current Ask Infopoint record. Control returns to the MIASKUPD key panel where the name of the record copy must be entered. The new record copy appears on the panel.
UNDO CHANGES	Eliminates all changes made to the current panel using functions 1-5. Displays all record data on the panel as it was before any revisions were made.
EXIT	Exits from the action panel back to the primary panel.

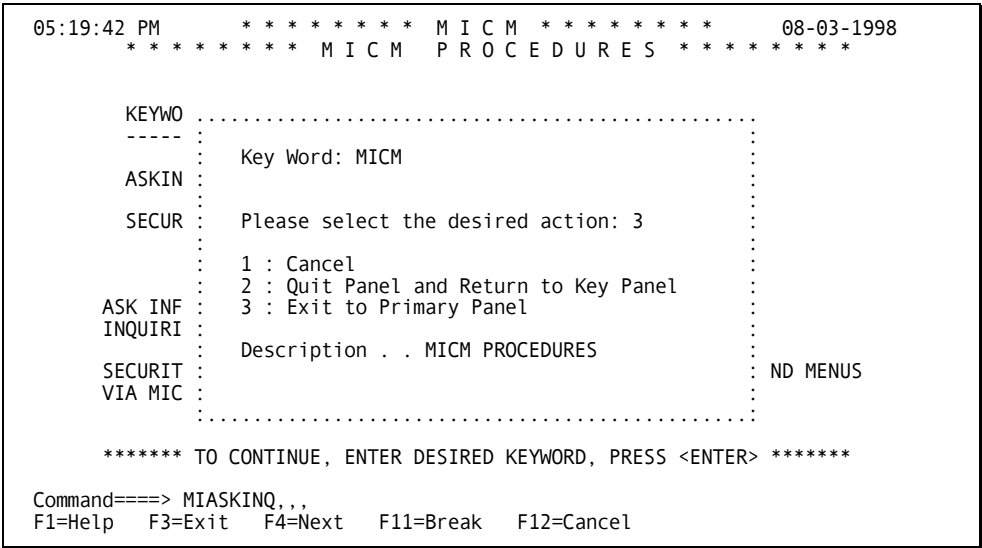| Function	Description
SAVE TEXT AND RETURN	Saves the current Ask Infopoint record text and returns to the MIASKUPD key panel.
QUIT PANEL. DO NOT SAVE TEXT	Exits the current panel and returns control to the MIASKUPD key panel. Text entered during the current session is not saved.

Editing the MIASKUPD Description Field

A Description field is located on the action panels of the MIASKUPD transactions. It displays the description of the MICM Ask Infopoint member defined by the corresponding keyword. Edit this field by doing the following.

1. Move the cursor to the area to be edited.
2. Enter the new information over the existing data.
3. Press [Enter].

Note: This field cannot be edited with [F10].

Accessing MIASKINQ

1. Access the MIASKINQ panel using one of the methods described in he section How to Access a Panel in this chapter.

2. Place the cursor on the action line desired and press [F10]. An action panel appears superimposed over the primary panel.

```
 05:19:42 PM     * * * * * * *  M I C M  * * * * * * *    08-03-1998
                * * * * * * * *  M I C M   P R O C E D U R E S  * * * * * * * *


          KEYWO ..............................................
          ----- :                                            :
                :   Key Word: MICM                            :
          ASKIN :                                            :
                :                                            :
          SECUR :   Please select the desired action: 3      :
                :                                            :
                :   1 : Cancel                                :
                :   2 : Quit Panel and Return to Key Panel    :
          ASK INF :   3 : Exit to Primary Panel               :
          INQUIRI :                                            :
                :   Description . . MICM PROCEDURES           :
          SECURIT :                                            : ND MENUS
          VIA MIC :                                            :
                :..............................................:

          ******* TO CONTINUE, ENTER DESIRED KEYWORD, PRESS <ENTER> *******

 Command====> MIASKINQ,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

Ask Infopoint Inquiry (Action Panel)

3. Select the desired action from the action panel.

4. Press [Enter].

MIASKINQ Transaction
(F10) Functionality

The MIASKINQ [F10] panel supports 3 functions.

Function	Description
CANCEL	Cancels the inquiry and returns to the Infopoint Selection Menu panel.
QUIT PANEL AND RETURN TO KEY PANEL	Cancels the inquiry and returns control to the MIASKINQ key panel.
EXIT TO PRIMARY PANEL	Exits the action panel and returns to the primary panel.

Uploading Card Data

Card data can be uploaded offline to the Ask Infopoint file by using program MIR400. See the Batch Programs chapter of MICM *Reference Guide 1* for more information.

Creating Keywords

Each panel display is identified by a unique, user-defined 'keyword' (maximum: 20 alphanumeric characters, including spaces). A keyword can be a multiple word description of the panel display it represents. Only one keyword is allowed for each panel display.

Two types of keywords are used with Ask Infopoint: Universal (U) and Institution-specific (I). Universal keywords are created by the control institution (Institution Zero) and can be accessed by any operator with appropriate panel security. Institution-specific keywords can be accessed only by individuals authorized for transactions on that institution. This feature provides for complete institution-dependent data integrity when processing in a multi-institution environment.

Establishing a Bulletin Board with Ask Infopoint

MICM Record 2014 can be set to display an Ask Infopoint message whenever you sign on.

1. Create an Ask Infopoint record using an MIASKUPD panel (as described earlier in this section).

2. Access MICM Record 2014 using the direct or indirect method described in the Panels chapter of this guide.

3. Enter a value in the SGON Bulletin field. This field must contain the keyword for the panel that appears during signon.

4. Enter a value in the SGON BULL Type field. This contains security information. Valid entries are:

    I   Institution-specific. Panel is displayed only for secured operators from the institution that originated the information.

    U   Universal. Panel is displayed for secured operators from any institution.

Note: During signon, Ask Infopoint messages display only when values are present in both Ask fields. When this field information does not exist, the MIASKINQ Selection Panel appears with an error message. If this occurs, press [Clear] to cancel the error and display the Operator's Main Menu.

In addition to displaying messages at signon, Ask Infopoint panels can be retrieved at any time by typing **MIASKINQ** and entering the Keyword and Keyword Type that belong to the Ask Infopoint panel to be retrieved.

Ask Infopoint Examples

```
&SYSTIME          **** TEST EXERCISE FOR MICM 5.1 WORKSHOP ****        &SYSDATE

THIS IS A TEST TO STRING TWO KEYWORDS TOGETHER.  WE WILL DISPLAY THE TIME IN
THE UPPER LEFT HAND CORNER AND THE DATE IN THE UPPER RIGHT HAND CORNER.  THE
&SYSTIME COMMAND IS IN THE FIRST LINE FIRST COLUMN, THE &SYSDATE COMMAND IS IN
THE 73RD COLUMN ON THE FIRST LINE.  THE &SYSCOMMAND ALLOWS YOU TO EXECUTE
ANOTHER KEYWORD OR ANOTHER TRANSACTION. THE &SYSCOMMAND HAS THREE OPTIONS:


        E - YOU ARE STRINGING KEYWORDS TOGETHER.  A COMMAND LINE WILL
            WILL APPEAR.  YOU WILL ENTER THE KEYWORD DESIRED ON THIS
            LINE AND PRESS ENTER.  THE &SYSCOMMAND LINE WILL APPEAR AS
            &SYSCOMMANDE MIASKINQ,U (I) IF THE KEY WORK IS INSTITUTIONAL.
        N - YOU ARE FORCING ENTER FROM THE FIRST PANEL TO TAKE YOU TO
            ANOTHER PANEL.  THE &SYSCOMMAND LINE WILL APPEAR AS
            &SYSCOMMAND MIASKINQ,U,TEST1 (I) FOR THE KEY WORD TYPE IF THE
            KEY WORD IS INSTITUTIONAL.
        I - YOU ARE ALLOWING THE OPERATOR TO INVOKE A KEY WORD AND THEN
            KEY A TRANSACTION ON THE COMMAND LINE, PRESS ENTER AND GO
            DIRECTLY TO THAT TRANSACTION.  THE &SYSCOMMAND LINE WILL
            APPEAR AS &SYSCOMMAND MIOPR,B (MIOPR BEING THE NEXT TRANS-
            ACTION.

&SYSCOMMANDE MIASKINQ,U,
```

```
&SYSTIME   **** CONTINUING TEST EXERCISE FOR MICM 5.1 WORKSHOP ****    &SYSDATE

THIS IS THE SECOND PANEL WITHIN THIS TEST.  YOU CAN CONTINUE TO STRING
PAGES TOGETHER BY USING THE &SYSCOMMAND.
```

```
 &SYSTIME      **** TEST EXERCISE TWO FOR MICM 5.1 WORKSHOP  ****        &SYSDATE

THIS IS AN EXERCISE TO FIRST INVOKE A KEYWORD AND THEN GO ON THE A TRANSACTIONN
OUTSIDE OF ASKINFOPOINT.

THE &SYSCOMMAND LINE IS WHAT WILL DEFINE THE NEXT TRANSAACTION.

WHEN THE KEYWORD OF TEST2 IS BROUGHT UP UNDER MIASKINQ, KEY MIOPR ON THE
COMMAND LINE AND THAT TRANSCTION WILL BE DISPLAYED.








 &SYSCOMMANDI MIOPR,B
```

```
MIASKINQ  ZERO           Ask Infopoint Inquiry              0000  03-17-1999


Enter the following key parameters:


    Keyword Type . . . u          U: Universal Keyword
                                  I: Institution Keyword

    Keyword  . . . . . test2_____




Command====> MIASKINQ,,,
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

```
03:31:10 PM  **** TEST EXERCISE TWO FOR MICM 5.1 WORKSHOP  ****     03-17-1999

THIS IS AN EXERCISE TO FIRST INVOKE A KEYWORD AND THEN GO ON THE A TRANSACTIONN
OUTSIDE OF ASKINFOPOINT.

THE &SYSCOMMAND LINE IS WHAT WILL DEFINE THE NEXT TRANSAACTION.

WHEN THE KEYWORD OF TEST2 IS BROUGHT UP UNDER MIASKINQ, KEY MIOPR ON THE
COMMAND LINE AND THAT TRANSCTION WILL BE DISPLAYED.












COMMAND====> miopr
```

```
MIOPR    ZERO               Operator Record           0000 03-17-1999
                                                            More:   +
                                                            Delete _
Operator Id   : ANALYSIS

Name . . . . . . Analysis Operator
Password . . . .
Default Inst     0001     Time Limit . . . 2400

                    (Institution Parameters Overrides)

Date Sequence    _        Date Delimiter   _        Time Delimiter   _
Time Format  . . _        Use Currency Cd  _        Currency Code    ____
Amount Option             Language Code    __

                    (Menu Options Overrides)
Menu Option  . . _        Display Menu . . _        Delayed Menu     _

Application Security Codes: (1) __ (2) __ (3) __ (4) __ (5) __


Command====> MIOPR,B,ANALYSIS
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F14=Copy
```

How to Process Groups

Multiple institutions can be grouped together on a physical database, or stored separately. However, before records can be retrieved, an appropriate database table must be opened. The physical database (where processing is to take place) is determined by the institution used to open the database table. For online programs, the database is tied to the institution to which the operator is signed on. For batch programming, an institution number on a parameter card identifies a specific institution that resides on the intended database. This flexibility allows users to perform simultaneous postings to multiple groups of institutions. These groups of institutions are referred to as processing groups. SRP093, File Organization Retrieval, is used in this process.

Example   Processing Group 1 might contain the following:

Institution 01
Institution 04
Institution 12

Processing Group 2 might contain the following:

Institution 03

Running Batch Jobs   To run a batch job against Processing Group 1, enter a parameter specifying Institution '01', '04', or '12'. If sequential processing was specified, the first record returned belongs to Institution 01. An End of File does not occur until Institution 12 is processed.

To run a batch job against Processing Group 2, specify Institution 03 in the parameter card.

The parameter card is not used when there is only 1 processing group. The format of the parameter string for MVS is:

```
//STEPxx EXEC PGM=MIxxxx,PARM='ORG=(n)'
```

The format of the parameter string for VSE is:

```
// EXECxx PGM=MIxxxx,SIZE=MIxxxx,parname='ORG=(n)'
```

Note: The organization (ORG) can range from 1 to 4 digits in length.

How to Normalize the Structure

Normalization reduces redundancy of data and fulfills the first normal form requirement for the AMT. Therefore, redefinitions, OCCURS DEPENDING ON dynamic tables, and record type indicators that are not part of the key must be normalized. To normalize a record, follow these steps for its structure.

1. Remove all redefinitions that do not redefine single fields. Each element of the record you create within the AMT must have a unique definition. Only fields that redefine one another for type purposes are acceptable. For example the description FIELD9 REDEFINES FIELDX PIC 9(5) is acceptable because FIELDX is a PIC X(5); only the type is being redefined.

    When a structure has several redefinitions where the redefinitions of large sections are dependent on an indicator within the record, create 2 AMT records in place of 1. Each record will reference each of the record redefinitions.

2. Ensure that no fields have data greater than 80 bytes in length. This constraint is not for normalization purposes, but rather for the online utilities that reference the field.

    When fields are greater than 80 bytes, break them up into several 80-byte fields. You can re-assemble these fields with Merge Mapping or Application Management where they might display as 1 or more separate lines.

    When a structure is extremely large, break sections into 80-byte blocks, thus eliminating definitions of unused fields.

How to Use Application Management

This procedure allows you to set up and maintain the Application Management Table (AMT) and accompanying SSFILEs. The AMT process involves the following:

- Understanding the AMT parameters

- Creating a record and defining it to the AMT

- Updating the record online and printing the new file and/or card output

- Understanding the SSFILE layout and parameters (short name constants and variables)

- Creating and compiling the SSFILEs

- Updating the transaction to MICM and defining security parameters

You can create an AMT record using either an online (MIAMTTM) or batch (MIR730) method. In this procedure, we will define a file to the AMT using the batch process. Some modifications must be done after the basic record has been created; we will do these changes online.

Transactions are created by building API panel SSFILEs and setting up transactions on MICM. Program MIL710 uses the Application Management Table File to place data into, and retrieve data from panel API SSFILEs. In addition, this program (with use of the Application Management Table File) retrieves, updates, copies, and adds records to the database through the Application Program Interface or to any keyed sequential VSAM file.

Understanding AMT Parameters

The Application Management Table is a data dictionary that houses field data information of files and records defined on the table. Data from a file or record is related to the AMT by a field identification number.

Every field on an API record is numbered so that a one-to-one correlation exists between the field in the record and the field in the AMT. In other words, every field in the API record has its match in the AMT.

Because the AMT identifies fields by number, attributes assigned to a field can be easily accessed for viewing or editing. If you know the record code, application code, and field ID, you can access all the information you need to know about a field, as long as it has been pre-defined to the AMT.

A field defined in the AMT can be used in the following ways:

Batch Edits Determines the editing criteria for a specific field – how the field is to be edited

Batch Reporting Determines the layout or format of how the field appears on a report and/or panel

Merge Mapping Determines how information appears on an inquiry panel

Host Data Transfer (Non-3270 Message) Maps information to and from function modules

Creating an AMT Record

To create a new record, you may define it with a batch program or an online transaction by copying an existing record or defining a new record.

Note: The record you intend to use must not be greater than 2000 bytes in length and must first be normalized. For information on normalizing the record, see the Normalized Data section in this chapter.

1. For batch creation, choose the copybook for which you want to make an AMT record and create the following control card information:

    ```
    00CTLOPXM    YY
    ```

    In this example:

    - *OPX* is the record code assigned

    - *M* is the application code (for MICM)

    - *Y* sets the AMT field name to initial caps (for example, OPERATOR appears as Operator)

    - *Y* uses the token name for the AMT field name

    Place the copybook following the control card.

2. Run program MIR730 using the following input. This program is used to create the Application Management Table cards.

    Note: Program MIR730 does not handle all variances of the COBOL data division. Modifications may have to be made to the copybook for this program to successfully create the AMT table.

```
000080*01  MIOPR-RECORD.
000090**********************************************************************
000100*    MICM OPERATOR RECORD                                  -OA10-
000110**********************************************************************
000120    03  MIOPR-GRP-KEY.
000130*$ OA1-GRP-KEY      GRPKEY          GROUP KEY
000140        05  MIOPR-INST       PIC 9(04).
000150*$ INST-NBR        INSTNBR          INSTITUTION NUMBER
000160        05  MIOPR-OPERATOR-ID  PIC X(08).
000170*$ OPERATOR-ID     OPERID           OPERATOR ID
000180*--------------------------------------------------------------
000190    03  MIOPR-AUDIT-STAMP.
000200*$ AUDIT-GRP       AUDITGRP         AUDIT STAMP
000210        05  MIOPR-UPD-DATE   PIC S9(09)      COMP-3.
000220*$ AUDIT-DATE      AUDDATE          AUDIT UPDATE DATE
000230        05  MIOPR-UPD-TIME   PIC S9(09)      COMP-3.
000240*$ AUDIT-TIME      AUDTIME          AUDIT UPDATE TIME
000250        05  MIOPR-UPD-USER   PIC X(08).
000260*$ AUDIT-USER      AUDUSER          AUDIT UPDATE USER
000270        05  MIOPR-UPD-ORG    PIC X(06).
000280*$ AUDIT-ORG       AUDORG           AUDIT UPDATE ORGANIZATION
000290*--------------------------------------------------------------
000300    03  MIOPR-GRPAREA.
000310*$ RECORD-GRP      RECGRP           RECORD GROUP
000320        05  MIOPR-NAME       PIC X(40).
000330*$ OPERATOR        OPRNAME          OPERATOR NAME
000340        05  MIOPR-PASSWD     PIC X(08).
000350*$ OPER-PASSWORD   OPRPSWD          OPERATOR PASSWORD
000360        05  MIOPR-DFAULT-INST  PIC 9(04).
000370*$ DEFAULT-INST    DEFINST          OPERATOR DEFAULT INST
000380        05  MIOPR-TIME       PIC 9(04).
000390*$ OPER-TIME-LIMIT OPRTIME          OPERATOR TIME LIMIT
000400        05  MIOPR-APPLSECGRP.
000410*$ APPL-SCTY-GRP   APPSECG          APPLICATION SECURITY GROUP
000420            07  MIOPR-APPLSEC1 PIC X(02).
000430*$ APPL-SCRTY-1    APPSEC1          APPLICATION SECURITY 1
000440            07  MIOPR-APPLSEC2 PIC X(02).
000450*$ APPL-SCRTY-2    APPSEC2          APPLICATION SECURITY 2
000460            07  MIOPR-APPLSEC3 PIC X(02).
000470*$ APPL-SCRTY-3    APPSEC3          APPLICATION SECURITY 3
000480            07  MIOPR-APPLSEC4 PIC X(02).
000490*$ APPL-SCRTY-4    APPSEC4          APPLICATION SECURITY 4
000500            07  MIOPR-APPLSEC5 PIC X(02).
000510*$ APPL-SCRTY-5    APPSEC5          APPLICATION SECURITY 5
000520        05  MIOPR-APPLSECRDF
000530                        REDEFINES MIOPR-APPLSECGRP.
000540*$ APPL-SCRTY-REDF APPSECR          APPLICATION SECURITY REDEF
000550            07  MIOPR-APPLSECS PIC X(02)        OCCURS 5 TIMES.
000560*$ APPL-SCRTY-OCUR APPSECO          APPLICATION SECURITY OCCURS
000570        05  MIOPR-DATE-SEQ   PIC X(01).
000580*$ DATE-SEQ        DATESEQ          DATE SEQUENCE
000590        05  MIOPR-DATE-DELIM  PIC X(01).
000600*$ DATE-DELIM      DATEDELM         DATE DELIMITER
000610        05  MIOPR-TIME-DELIM  PIC X(01).
000620*$ TIME-DELIM      TIMEDELM         TIME DELIMITER
000630        05  MIOPR-TIME-FORMAT  PIC X(01).
000640*$ TIME-FORMAT     TIMEFMT          TIME FORMAT
000650        05  MIOPR-USE-CURNCODE PIC X(01).
000660*$ USER-CURN-CODE  USECURN          USE CURN CODE
000670        05  MIOPR-CURN-CODE  PIC X(04).
000680*$ CURRENCY-CODE   CURNCODE         CURRENCY CODE
000690        05  MIOPR-AMOUNT-OPT  PIC X(01).
000700*$ AMT-OPTION      AMTOPT           AMOUNT OPTION
000710        05  MIOPR-LANG       PIC X(02).
000720*$ LANG-CODE       LANG             LANGUAGE
000730        05  MIOPR-MENU-OPTION  PIC X(01).
000740*$ MENU-OPTION     MENUOPT          MENU OPTION
000750        05  MIOPR-DISPLAY-MENU PIC X(01).
000760*$ DISPLAY-MENU    DSPYMENU         DISPLAY MENU
000770        05  MIOPR-DELAYED-MENU PIC X(01).
000780*$ DELAYED-MENU    DELAMENU         DELAYED MENU
000790        05  MIOPR-RESERVED   PIC X(08).
000800*$ RESERVE         RESERV           RESERVED
```

3.   This is the table that is created.

```
OPX    M  0           V       010100
OPX    M 10    N99NNN
OPX003M  1Institution Num   I0     600404N                    N
OPX003M  20001040000910010000000101000
OPX004M  1Operator Id       N0     100108N                    N
OPX004M  20005080000901010000000101000
OPX006M  1Audit Update Da   D0     300409N                    N
OPX006M  20013050000910010000000101000
OPX007M  1Audit Update Ti   T0     300409N                    N
OPX007M  20018050000910010000000101000
OPX008M  1Audit Update Us   U0     100108N                    N
OPX008M  20023080000901010000000101000
OPX009M  1Audit Update Or   N0     100106N                    N
OPX009M  20031060000901010000000101000
OPX011M  1Operator Name     N0     100140N                    N
OPX011M  20037400000901010000000101000
OPX012M  1Operator Passwo   N0     100108N                    N
OPX012M  20077080000901010000000101000
OPX013M  1Operator Defaul   N0     600404N                    N
OPX013M  20085040000910010000000101000
OPX014M  1Operator Time L   N0     600404N                    N
OPX014M  20089040000910010000000101000
OPX016M  1Application Sec   N0     100102N                    N
OPX016M  20093020000901010000000101000
OPX017M  1Application Sec   N0     100102N                    N
OPX017M  20095020000901010000000101000
OPX018M  1Application Sec   N0     100102N                    N
OPX018M  20097020000901010000000101000
OPX019M  1Application Sec   N0     100102N                    N
OPX019M  20099020000901010000000101000
OPX020M  1Application Sec   N0     100102N                    N
OPX020M  20101020000901010000000101000
OPX021M  1Date Sequence     N0     100101N                    N
OPX021M  20103010000901010000000101000
OPX022M  1Date Delimiter    N0     100101N                    N
OPX022M  20104010000901010000000101000
OPX023M  1Time Delimiter    N0     100101N                    N
OPX023M  20105010000901010000000101000
OPX024M  1Time Format       N0     100101N                    N
OPX024M  20106010000901010000000101000
OPX025M  1Use Curn Code     N0     100101N                    N
OPX025M  20107010000901010000000101000
OPX026M  1Currency Code     N0     100104N                    N
OPX026M  20108040000901010000000101000
OPX027M  1Amount Option     N0     100101N                    N
OPX027M  20112010000901010000000101000
OPX028M  1Language          N0     100102N                    N
OPX028M  20113020000901010000000101000
OPX029M  1Menu Option       N0     100101N                    N
OPX029M  20115010000901010000000101000
OPX030M  1Display Menu      N0     100101N                    N
OPX030M  20116010000901010000000101000
OPX031M  1Delayed Menu      N0     100101N                    N
OPX031M  20117010000901010000000101000
OPX032M  1Reserved          N0     100108N                    N
OPX032M  20118080000901010000000101000
```

Defining the Record to the AMT

Run program MIR700 to load the new record to the AMT. The cards that were created in MIR730 are used as input to MIR700.

Note: The MIAMTT and MIFCSR files must be closed during this process.

You are now ready to modify the record online using MIMAMTTM.

Modifying the Record Online

1. Type **MIAMTTM** on the Command line of the Main Menu and press [Enter] to display the key panel.

2. Type a record code of **OPX** (the code you defined during the create process), an application code of **M** (for MICM), and a function code of **M** (for Maintenance).

```
MIAMTTMK  ZERO      Application Management Table Maintenance  0000  03-17-1999


 Record Code  . OPX __

 Appl Code  . . M _

 Function . . . M_   (Enter (N)ew (M)aintain (D)elete (C)opy)













 Command===> MIAMTTM,,,
 F1=Help  F3=Exit  F4=Next  F11=Break  F12=Cancel
```

MIAMTTM – Application Management Table Maintenance (Key Panel)

3. Press [Enter] and the main panel appears. Fill in the necessary data to maintenance the record.

```
 MIAMTTM   ZERO            Application Management Table Maint  0000  03-17-1999
                                                                More   +

 Record Code    OPX        Record Name
 Appl Code  . . M          User Program              Number Of Cards 1
 API Appl Code     Rec     File DD Name              Nbr Print Lines 1
 Data Base Type V          Log Appl Id . .           Log Appl Rec Id
 Valid Eff Date N          Valid Model . . N         Valid Region    N
 Record Number  ____       File Opt Sub    0  Mgr 99 Record Function N OI-Ctl
 Field Number   3          Field Name  . . Institution Num
 Entry Type . . I          Edit Format . . 6         Edit Code . . . 4
 Field Length   4          Default Value             Decimal Pos . . 0
 Edit Ctl Low              Edit Ctl High             Field Update    N
 Date Format               Help Name . . .           Non Default Cd  N
 Field Id . . .            User's Code . .
                           Token Name  . .
 Record Disp    1          Record Length   4
 Card Number    0          Card Displace   9         Print Format    10
 Head Line  . . 1          Head Displace   0
 Print Line . . 1          Print Displace  0         Print Length    1

 Command====>
 F1=Help   F3=Exit   F4=Next   F5=Refresh   F8=Forward   F11=Break
 F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance (Primary Panel)

4. Press [Enter]. The first field is displayed. Press [F8] to continue through the whole record.

```
 MIAMTTM   ZERO            Application Management Table Maint  0000  03-17-1999
                                                                More   +

 Record Code    OPX        Record Name OPERATOR TEST
 Appl Code  . . M          User Program              Number Of Cards 1
 API Appl Code     Rec     File DD Name              Nbr Print Lines 1
 Data Base Type A          Log Appl Id . . MI        Log Appl Rec Id OAJ
 Valid Eff Date N          Valid Model . . N         Valid Region    N
 Record Number  ____       File Opt Sub    0  Mgr 99 Record Function N OI-Ctl
 Field Number   3          Field Name  . . Institution Nbr
 Entry Type . . I          Edit Format . . 6         Edit Code . . . 4
 Field Length   4          Default Value             Decimal Pos . . 0
 Edit Ctl Low              Edit Ctl High             Field Update    N
 Date Format               Help Name . . .           Non Default Cd  N
 Field Id . . .            User's Code . .
                           Token Name  . .
 Record Disp    1          Record Length   4
 Card Number    0          Card Displace   9         Print Format    10
 Head Line  . . 1          Head Displace   0
 Print Line . . 1          Print Displace  0         Print Length    1

 Command====>
 F1=Help   F3=Exit    F4=Next   F5=Refresh   F8=Forward   F11=Break
 F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance (Primary Panel)

5. Press [Enter] to accept the changes.

6. After you have completed entering the data, type **SAVE** on the command line and press [Enter].

A message `Record has been saved` indicates that the record is saved and it is safe to exit.

Adding a New Field Online

While the following instructions allow you to add a new field to an existing AMT Record online, *we strongly recommend that you modify the AMT member and update the record using program MIR700.*

1. Type **MIAMTTM** on the Command line of the Main Menu and press [Enter] to display the key panel.

2. Type a record code, an application code and a function code of **M** (for Maintenance).

3. Press [Enter} and the main panel appears.

4. Scroll through the field panel until you find a field similar to the new field you want to add.

5. Type **C** (Copy) on the command line and press [Enter].

6. Scroll forward to the last field panel and type **I** (Insert) on the command line and press [Enter].

7. A copy of the field panel you copied will appear. Make your changes and press [Enter].

8. Type **SAVE** on the command line and press [Enter].

Printing the Updated AMT File

After updating the record online, run program MIR710 (Application Management Table File Master List) to print the updated AMT file and/or reproduce the card image input to MIR700 from the Table File.

Creating an SSFILE

Each panel layout must have 2 SSFILEs: a key panel and a data (primary) panel. Use the following examples as a guide to create the SSFILEs for the new (OPX) record you just created and defined to the AMT.

Key Panel SSFILE

```
*---------------------------------------------------------------------*
*    Panel ID . . . . MIOP                                            *
*    Description . . Key screen for the Operator Record               *
*    Product  . . . . MICM                                            *
*    Release  . . . . 5.1                                             *
*---------------------------------------------------------------------*
SIZE=(24, 80), ORIENT=(1, 1)
EASEL ON
 MIOP        _____              Operator Record           _____



  Enter the following key parameters:


      Function . . . . . _          N: New
                                    M: Maintenance
                                    B: Browse

      Operator ID. . . . _____









    _____
    Command====>  _____
    _____
    _____
EASEL OFF
FIELD=OPERID,   PIC='X(08)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX001M
LABEL=(LABEL,IMPORTANT)
FIELD=INST,     PIC='X(04)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX002M
FIELD=CURDATE,  PIC='X(10)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX003M
FIELD=FUNCTION, PIC='X(01)', ATTR=(INPUT,OPTIONAL) ,HELP=HXXX016M
FIELD=OPX004M,  PIC='X(08)', ATTR=(INPUT,OPTIONAL) ,HELP=HOPR003M
FIELD=MESSAGE,PIC='X(78)',ATTR=(DISPLAY,IMPORTANT),CASE=M,HELP=HXXX023M
FIELD=COMMAND,  PIC='X(65)', ATTR=(INPUT,OPTIONAL)
FIELD=PFLINE1,  PIC='X(78)', ATTR=(DISPLAY,NORMAL),CASE=M
FIELD=PFLINE2,  PIC='X(78)', ATTR=(DISPLAY,NORMAL),CASE=M
```

Data Panel SSFILE

```
*----------------------------------------------------------------------*
*    Panel ID . . . . MIOP                                             *
*    Description  . . Operator Record                                  *
*    Product  . . . . MICM                                             *
*    Release  . . . . 5.1                                              *
*----------------------------------------------------------------------*
SIZE=(24, 80), ORIENT=(1, 1)
EASEL ON
 MIOPE        _____              Operator Record             ____
_____

                                                           _____ _ _
                                                            Delete _

   Operator Id    : _____

   Name . . . . . . _____


_____
 Command====>
_____

_____

_____
EASEL OFF
FIELD=OPERID,   PIC='X(08)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX001M
LABEL=(LABEL,IMPORTANT)
FIELD=INST,     PIC='X(04)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX002M
FIELD=CURDATE,  PIC='X(10)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX003M
FIELD=MORE,     PIC='X(05)', ATTR=(DISPLAY,NORMAL),CASE=M ,HELP=HXXX004M
FIELD=MINUS,    PIC='X(01)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX004M
FIELD=PLUS,     PIC='X(01)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX004M
FIELD=DELETE,   PIC='X(01)', ATTR=(DISPLAY,NORMAL) ,HELP=HXXX005M
FIELD=OPX004M,  PIC='X(08)', ATTR=(DISPLAY,NORMAL) ,HELP=HOPR003M
FIELD=OPX011M,  PIC='X(40)', ATTR=(INPUT,OPTIONAL),CASE=M, HELP=HOPR011M
FIELD=MESSAGE,PIC='X(78)',ATTR=(DISPLAY,IMPORTANT),CASE=M,HELP=HXXX023M
FIELD=COMMAND,  PIC='X(65)', ATTR=(INPUT,OPTIONAL)
FIELD=PFLINE1,  PIC='X(78)', ATTR=(DISPLAY,NORMAL),CASE=M
FIELD=PFLINE2,  PIC='X(78)', ATTR=(DISPLAY,NORMAL),CASE=M
```

Procedure

1. Name the SSFILEs. The name assigned to the data and key panels are identical, except the key panel has a 'K' appended to the file name to identify it with the data panel. In the example shown, the names chosen are **MIOPXK** and **MIOPX**.

2. Customize the SSFILE format to create the new panel.

    The SSFILE format contains 3 sections: Header, Easel, and Field.

    Header   The header section contains the default panel sizes and orientation parameters provided. No changes have been made.

    Easel   The "picture" area has been laid out with the fields added to the AMT, according to the pre-defined standards and formatting guidelines.

    Field   The field section contains short name constants and short name variables (the fields we defined on the API records).

Short Name Constants

Short name constants are pre-defined fields used by program MIL710. Short name constants are optional, but if they are not present, the function they provide is not performed. For example, if the constant MSGLINE is not present in the field section, no messages are displayed on the panel.

Short Name	Data Length	Description
PANLID	8 positions	Panel Identification. This constant may be left off and a literal may be used. If the constant is used the name will be taken from the communication area field COM-EXTERNALID, which comes from Tran Code field of MICM Record MIRDC.
OPERID	8 positions	Operator Identification. Data for this field is taken from the communication area field COM-OPERID and contains the ID the operator used to sign on.
PANNAME	40 positions	Panel Name. The name of the panel will be taken from the AMT itself and centered on the panel if this option is used.
INST	4 positions	Institution Number. Data for this field is taken from the communication area field COM-INST and is the institution number that the operator is signed on to.
CURDATE	10 positions	Current Date. Data for this field is taken from the communication area field COM-DATE which comes from the MIB-CURDT field defined in the MICM Institution Control Record.

Short Name	Data Length	Description
FUNC	1 position	Function Code. The Function Code constant is optional. If excluded, MIL710 defaults to display only. If the operator does not enter a Function Code, the default is display only. Be aware that if an SSFILE is processing more than 1 record, the function requested is performed on all records. Valid entries are:
		B Browse record.
		C Copy and create a new record from an existing record.
		D Delete record.
		M Maintenance, change record.
		N Create new record.
MSGLINE	78 positions	Message Line. The Message Line is the area that the program communicates instructions or error conditions to the operator.
COMMAND	65 positions	Command Line. The command line is the area that the operator communicates instructions to the program. Its usage is limited to entering new transaction information to be processed by the [F4]- Next Transaction and [F11] - Breakaway functions.
PFLINE1	78 positions	Function Key Display Line One. This is the area that the first group of Function Keys is displayed.
PFLINE2	78 positions	Function Key Display Line Two. This is the area that the second group of Function Keys is displayed.
CUSTID	40 positions	Customer Key Name. This data area must be present when processing the customer key for the Infopoint Relationship CIF record. This panel area is used for entering the customer's name.
CUSTTB	3 positions	Customer Key Tie Breaker. This data area must be present when processing the customer key for the Infopoint Relationship CIF record. This panel area is used for entering the customer key tie breaker number.
CUSTTY	1 position	Customer Key Customer Type Code. This data area must be present when processing the customer key for the Infopoint Relationship CIF record. This panel area is used for entering the customer type code.

Short Name	Data Length	Description
MORELIT	4 positions	More Literal. This data area must be present on the primary (data) panel for a panel to have browse capabilities.
MOREPLS	1 position	More Plus. This data area must be present on the primary (data) panel for a panel to have browse capabilities.
MOREMIN	1 position	More Minus. This data area must be present on the primary (data) panel for a panel to have browse capabilities.
DELETE	1 position	Delete. This data area must be present for a panel to be used to delete records.
CUROPT	1 position	Placing this field on the SSFILE will cause the cursor to always be placed on the command line, except when there is a field error or returning from help. Attributes are set to (DISPLAY,HIDDEN). Place this field anywhere on the SSFILE.
RECCNT	6 positions	Used with program MIL750 to limit the number of records to process.

Short Name
Variables

Short name variables are made up of the record code, the field number and the application. **OPX012MN** is an example of the fields described below.

> **OPX** is the Record Code.
> **012** is the Field Number.
> **M** is the Application Code.
> **N** is the Attribute Code.

Positions	Description
1 – 3	Record Code. The Application Management Table Record Code.
4 – 6	Field Number. Must match the field number defined in the Application Management Table.
7 – 7	Application Code. Valid entries are:

A	Customer Profitability.
B	Combined Statements.
C	Tracker.
D	Deposits.
E	Expedited Funds.
F	FCS.
G	Cash Tran (Reserved)
H	Not used.

Positions	Description
	I Time Investment.
	J Account Analysis.
	K Not used.
	L Installment Loans.
	M MICM.
	N Exception Administrator.
	O Mortgage Loans.
	P SuperMICR II.
	Q Commercial Loans.
	R Relationship CIF.
	S Not used.
	T Teller.
	U Not used.
	V Lines of Commitment.
	W Not used.
	X Not used.
	Y Combined Interest.
	Z Not used.
8 – 8	Attribute Code. Valid entries are:
	A Add value in this field to the record field.
	C Translate from the 0211 records.
	F From panel. Take data from this Key panel field.
	K Key fields to limit browse operations.
	N AMT name. Insert the name from the Application Management Table field name.
	S Subtract value in this field from the record field.
	T To panel. Place data into this Key panel field from the 'From' field.

Note: The From panel and To panel attributes are paired and must be used back to back and in sequence with the 'From' panel followed by the 'To' panel. Example:

> 'AMR003C' – Application code.
> 'AMR003CF' – From panel, application code in the key panel.
> 'ATC004CT' – To panel, application code in the key panel.

The use of this procedure is so that the terminal operator enters the application code only once when the SSFILE has been built in order to retrieve more than 1 record that has like key information.

Help Panel

Help panels describe the function of a data panel. When creating help panels, be sure the header section of the SSFILE format coincides with the number of lines you define in your help panel. The depth should not exceed 19 lines, the width 67 positions.

```
*----------------------------------------------------------------------*
*    Panel ID . . . . MIOPR                                            *
*    Description  . . Operator Name         (Panel Level Help)         *
*    Product   . . . . MICM                                            *
*    Release  . . . . 5.1                                              *
*----------------------------------------------------------------------*
SIZE=(24,79), ORIENT=(01,01)
WINDOW BOX
EASEL ON

    MIOPR                  Operator Name - Help

    The name of the operator.  This is used for reporting purposes.

                                                              _
      F12=Cancel                                          OPR011M

EASEL OFF
LABEL=(LABEL,IMPORTANT)
LABEL=(LABEL,IMPORTANT)
FIELD=PFKEY,   PIC='X(01)', ATTR=(DISPLAY,HIDDEN), HELP=HNOHELPM,
               DEFAULT='-'
LABEL=(LABEL,IMPORTANT)
```

Compiling an SSFILE

The following procedures are available to compile an SSFILE, generate the COBOL or Assembler copybooks, and load panels to the ENCAMAP File.

Note: The procedure used depends on the type of SSFILE.

■   If the SSFILE is *not* a Help file and is *not* used by the MICM Application Management Table (AMT), the B$COBSSF procedure should be used for COBOL and B$ASSSSF for Assembler.

■   If the SSFILE is a Help file, the BIPVSG step is not executed since working storage copybooks are not required. Help SSFILEs should be compiled using the B$GENHLP procedure.

■   If the SS file is used with MICM 5.1 or above Application Management Table (AMT), the BIPVSG step is not executed since working storage copybooks are not required. MICM 5.1 or above AMT SSFILEs should be compiled using the B$GENHLP procedure.

■   If the SSFILE is used with MICM 5.0.7 or below Application Management Table (AMT), the assembler copybook generated by BIPVSG must be assembled and link edited. MICM 5.0.7 or below AMT SSFILEs must be compiled using the B$ASSAMP procedure.

Updating the Transaction

The online transaction must be defined in MICM by updating the transaction and setting up the security parameters.

Updating MICM Transactions

Use the following transactions to define the SS Files to MICM:

- MITDF – Transaction Definition
- MIRLN – Resource Description Language
- MIRDC – Resource Description

Refer to the How to Define Online Transactions section in this chapter for details.

Updating MICM Security

Create access to this transaction. See the How to Set Up Security section in this chapter for details.

Access the new transaction as you would any other transaction/work unit in the system.

How to Establish External Security

This procedure enables financial institutions to interface with external security packages.

The steps necessary for establishing the MICM interface to external security are outlined as follows.

Note: Establishing external security requires setting up MISOP found in MICM. The following procedure covers a portion of this record.

```
MISOP     ZERO              System and Security Options      0000  03-17-1999

                                                               Delete  _

  Extl Scty Opt    N
  Signon Option    N
  Auto Signon  . . N
  Delayed Menu . . N
  Menu in Main . . M
  TS User  . . . . N
  Operator Exit    N
  Operate System   M




Command===> MISOP,N
 F1=Help   F3=Exit   F4=Next  F9=Edit   F11=Break  F12=Cancel  F13=Select
F14=Copy
```

MISOP – System and Security Options

Fields	Description
Extl Scty Opt	External Security Option. This option indicates if external security is to be used for transaction authorization in place of the Profile Resource Definition (PRD) records. If this option is set to **I** or **Y,** the Signon Option is forced to be 'Y'. Valid entries are: **I** External security is being used with this institution. **N** External security is not being used. **Y** External security is being used without institution.
Signon Option	Signon Option. The option used for signing on from the MISOP. The Auto Signon option works in conjunction with the signon option. Indicates if Automatic Signon is allowed. If Automatic Signon is set on, it is not required to perform the SGON transaction. Valid entries are: **C** Use the user ID obtained from CICS. User must sign on to CICS with CESN transaction. **N** Enter operator ID and password. Password is verified with the Operator Record (OPR). **O** Enter operator ID only and verify with external security. **Y** Use the user ID obtained from external security. (The CGSISEC MIC,SECU=EXT must set in program CGSIALST).
Auto Signon	Automatic Signon. This option indicates if Automatic Signon is allowed. If Automatic Signon is set 'on', it is not required to perform the SGON transaction. Valid entries are: **N** Automatic Signon is not being used. **Y** Automatic Signon is being used. (The Signon option must be set to 'Y' or 'C'.)

To set up external security, set the:

1. Ext Scty Opt to **N**.

2. Signon Opt to **C**.

3. Auto Signon to **Y**.

How to Create Mapper Files

The following information describes how to create different mapper files for an institution, a transaction, and a user. This allows text and panel layouts to differ within an institution, as well as between institutions. For example, the text on a transaction can be in English in one institution and Spanish in another. This process is achieved by passing data set names to the Panel Application Program interface.

Note: MICM Record MITDF and MICM Record 4005 are used during this procedure; therefore, we recommend you review these forms before you begin.

1. Create a Mapper VSAM file.

    a. Change the name of job MIENMPJ to the name you desire. (The BNKCAV.IN0.MI50.MIENMP file is delivered with 2 records needed by Mapper.)

    b. Copy BNKCAV.IN0.MI50.MIENMP to your file using the IDCAMS **REPRO** function.

2. Create the MICM Record 4005. For example:

    The following online form sample indicates which fields should contain data to set up help panel files for *all panels*.

```
 MIFM,X,4005,X                                                         99
 999  X---------BANK NAME---------------------X XXXXXXXX  XXXX   99-9 9-9999
                              ** MAPPER FILE DIRECTORY       - FORM 4005 **
                                                                 DELETE
  INST NUMBER  0001               APPL CODE
 OPERATOR ID

  SS DATA SET  MIENMP       SS HELP SET  MIENHP












  X------------------------------Message Area----------------------------*
 PF: 1=Edt 3=Sel 4=Nxt 5=Brw 10=Cpy
```

4005 – Mapper File Directory

The next online form sample indicates which fields should contain data to setup help panel files for selected panels.

```
MIFM,X,4005,X                                                           99
999  X---------BANK NAME--------------------X XXXXXXX  XXXX   99-9 9-9999
                          ** MAPPER FILE DIRECTORY        - FORM 4005 **
                                                          DELETE   X
 INST NUMBER  0000            APPL CODE   MI
 OPERATOR ID

 SS DATA SET  MIENMP       SS HELP SET








 X-------------------------------Message Area----------------------------*
 PF: 1=Edt 3=Sel 4=Nxt 5=Brw 10=Cpy
```

4005 – Mapper File Directory

Note: The names used in the directory and help directory must be the data set names on the CICS File Control Table.

3. Set up the CICS File Control Table with the new files.

4. Modify the sample JCL delivered with Tools to accommodate the new file(s).

   – B$GENHLP is used to generate help panels. It can also be used to generate panel maps.

   – B$COBSSF is used to generate panel maps and copybooks.

5. Load the new Mapper files with the map generating jobs, B$GENHLP or B$COBSSF. To load Mapper files by application, use CAU$LOAD (delivered with Tools).

6. Load the files sent by the applications.

7. Establish a temporary storage Mapper look-up table using transaction MIMBTABL.

   Note: Subsequently, the temporary storage build program (MIL040) is invoked automatically; however, if you make changes to the Mapper Directory records, the Mapper Temporary Storage Record *must* be refreshed using MIMBTABL.

How to Add a New Institution to MICM

This procedure describes how to add a new institution to MICM. The Institution Control File is updated through control card input into MID020. The date information entered must represent actual dates that the institution is open for processing.

The daily job stream is used and additional control cards are added into MID020 to include the new Institution(s). MID020 is the daily job to roll the dates for MICM. This procedure is based on adding an Institution to an Institution Control File that already exits. The dates used for this job are from your current file. If you are in test, the current date of the test file is the first date in the control card. The last processing date is yesterday, if you processed or a Friday date if the current date is a Monday. The next scheduled and next actual dates are tomorrow, or the date you want to process next.

When you are in test and the date of the MICM Institution File does not equal today's date, you must use control card '04' which is an override. The date on this card is the date you want to process and must be equal to the next scheduled and next actual dates.

Institutions cannot be added online therefore, this procedure must be performed in batch mode.

1. Prepare the Institution Control File Input Form 00 with the appropriate information as outlined in the Batch Forms chapter of this guide. These are the control cards necessary to execute MID020. When entering the dates, be sure the end result reflects the current date as Today's Date. Remember, the dates you enter are automatically updated (rolled forward), so the actual dates entered should be backdated 1 day. For example:

   If today's date is March 11, 1999, the dates to be entered are as follows:

Current date:	March 10, 1999
Last process date:	March 09, 1999
Next scheduled process date:	March 11, 1999
Next actual process date:	March 11, 1999

   This example assumes that the dates entered are not holidays or non-working days. If your files are not in sync with the current processing date, be sure to use an override card '04' with the processing date you want to run. In this step, the override date would be 03111999.

   An example of the control card follows:

   ```
   000000          040003111999
   000000          0100031009990309199910311999903111999C        CB6
   000001          0100031019990309199910311999903111999C        CB6
   000002          0100031019990309199910311999903111999C        CB6
   008989          0000031019990309199910311999903111999C        CB6
   ```

The example is adding Institution 8989 to the Institution file. The current date of the file is not the current machine processing date so an override card would be necessary.

2. Run the Institution Control File maintenance program (MID020) with the input created in Step 1. Be sure the Institution Control File is closed while executing MID020. Refer to the Batch Programs chapter of *Reference Guide 1* for information related to the execution of this program.

3. Upon successful completion of Steps 1 and 2, back up the Institution Control File and the MICM Master File.

4. Once the Institution has been added, you will need security to access this new institution. Operator, (MIOPR, MIOPA, and MIOPP) records need to be established or maintained to provide access to these new institutions. Once access has been granted, sign on to the individual institutions and complete MICM Record 1001 with the Institution Name and Address information.

5. To add all of the necessary records needed for a new institution, you can either add the records online or use MIR100 to punch down an existing institution, changing the institution number at the same time. This process takes a functioning institution and copies it. The deck of cards created could be massaged in batch format or online. Institution name and address, branch name and addresses, etc. Most of the records that are set up only once are included with this deck. If your application records are standard there should not be much massaging.

    Note: If the new institution is to reside on a new file set, continue to Step 6, otherwise, this is complete.

6. A new ORG record needs to be added to MICM to define the new file set. All current operators that will have access to this new file set will need to have an additional ORA record pointing to the new file set. If you are performing group processing, all groups needing access to the new file set need an additional ORA record as well.

7. Use the following example to add additional file sets to the MIPR3A2 table.

```
MIFASK   BIMD2TAB TYPE=LDB,DDNAME=MIFASK
         BIMD2TAB TYPE=ORG,ORGID=1,DDNAME=MIFASK1
         BIMD2TAB TYPE=ORG,ORGID=2,DDNAME=MIFASK2
         BIMD2TAB TYPE=ORG,ORGID=3,DDNAME=MIFASK3
         BIMD2TAB TYPE=ORG,ORGID=4,DDNAME=MIFASK4
         BIMD2TAB TYPE=ORG,ORGID=5,DDNAME=MIFASK5
MIFBNK   BIMD2TAB TYPE=LDB,DDNAME=MIFBNK
         BIMD2TAB TYPE=ORG,ORGID=1,DDNAME=MIFBNK1
         BIMD2TAB TYPE=ORG,ORGID=2,DDNAME=MIFBNK2
         BIMD2TAB TYPE=ORG,ORGID=3,DDNAME=MIFBNK3
         BIMD2TAB TYPE=ORG,ORGID=4,DDNAME=MIFBNK4
         BIMD2TAB TYPE=ORG,ORGID=5,DDNAME=MIFBNK5
MIFCSR   BIMD2TAB TYPE=LDB,DDNAME=MIFCSR
MIFHST   BIMD2TAB TYPE=LDB,DDNAME=MIFHST
         BIMD2TAB TYPE=ORG,ORGID=1,DDNAME=MIFHST1
         BIMD2TAB TYPE=ORG,ORGID=2,DDNAME=MIFHST2
         BIMD2TAB TYPE=ORG,ORGID=3,DDNAME=MIFHST3
         BIMD2TAB TYPE=ORG,ORGID=4,DDNAME=MIFHST4
         BIMD2TAB TYPE=ORG,ORGID=5,DDNAME=MIFHST5
```

```
MIFLOG    BIMD2TAB TYPE=LDB,DDNAME=MIFLOG
          BIMD2TAB TYPE=ORG,ORGID=1,DDNAME=MIFLOG1
          BIMD2TAB TYPE=ORG,ORGID=2,DDNAME=MIFLOG2
          BIMD2TAB TYPE=ORG,ORGID=3,DDNAME=MIFLOG3
          BIMD2TAB TYPE=ORG,ORGID=4,DDNAME=MIFLOG4
          BIMD2TAB TYPE=ORG,ORGID=5,DDNAME=MIFLOG5
MIFMST    BIMD2TAB TYPE=LDB,DDNAME=MIFMST
          BIMD2TAB TYPE=ORG,ORGID=1,DDNAME=MIFMST1
          BIMD2TAB TYPE=ORG,ORGID=2,DDNAME=MIFMST2
          BIMD2TAB TYPE=ORG,ORGID=3,DDNAME=MIFMST3
          BIMD2TAB TYPE=ORG,ORGID=4,DDNAME=MIFMST4
          BIMD2TAB TYPE=ORG,ORGID=5,DDNAME=MIFMST5
MIFSEC    BIMD2TAB TYPE=LDB,DDNAME=MIFSEC
MIFODR    BIMD2TAB TYPE=LDB,DDNAME=MIFODR
MIFMMP    BIMD2TAB TYPE=LDB,DDNAME=MIFMMP
```

8. Update all of the related application A2 table as well adding the new file set. For example, the Deposits application uses DPPR3A2.

How to Delete an Institution from MICM

This procedure describes how to delete an institution from MICM. An institution must be deleted from the Institution Control File first, then from the MICM Files. This requires 2 separate Input formats that use 2 different maintenance programs. Although Batch input must be used to delete institutions from the Institution Control File, institutions can be deleted from the MICM files through either online or batch processing. When deleting an institution from the MICM Files, all records tied to that institution are either deleted or flagged for deletion automatically (MIMAST only).

The steps required to delete an institution are listed below.

1. Prepare the Institution Control File Input Form 00 using the System, Institution Number, and Card Number (02). For additional information, refer to Form 00 in the Panels chapter of this guide.

2. Run the Institution Control File maintenance program (MID020) with the input created in Step 1. Refer to the Batch Programs chapter of MICM *Reference Guide 1* for additional information. When deleting an institution, remember that the dates for all of the other institutions are automatically updated (rolled forward). It might be easier to delete institutions at the end of the day's processing when you are normally ready to roll your dates ahead.

3. Delete the institution from the MICM Master File through either online or batch processing.

    a. To delete institutions online, use MICM Panel 1001, entering **D** in the Delete field. This removes not only the institution, but also any records tied to that institution. When deleting online, skip Step 4 and proceed to Step 5 (MIMAST only).

    b. To delete institutions through batch, prepare the MICM Institution Information Form 1001 using the information provided below.

        Card 00:

Pos 01 – 02	**00**
Pos 03 – 06	**0000**
Pos 07 – 08	**00**
Pos 09 – 11	Institution number to be deleted.

        Card 99:

Pos 01 – 02	**00**
Pos 03 – 06	**0000**
Pos 07 – 08	**99**
Pos 09 – 11	**007**
Pos 12 – 12	**D**

For additional information, refer to the Panels chapter of this guide.

4. Run the MICM Master File normal daily processing programs (MID090, MID100, and MID200) with the input created from Step 3b. Refer to the Batch Programs chapter of MICM *Reference Guide 1* for additional information.

5. Back the MICM Master File by running program MID800 (MICM Master File Backup). Refer to the Batch Programs chapter of MICM *Reference Guide 1* for additional information. Back up all other files using MIUSMBKU.

How to Update the Institution File

This procedure describes how to update the Institution File within MICM. Updating could require the use of an override function depending upon the time of day when the dates are rolled ahead (in relation to the system date). The steps required to update the Institution File are listed below.

1. Determine whether the Institution File should be updated to the next working day at the beginning or end of the day's processing.

   a. If you update the Institution File at the beginning of the working day: Do not use the override feature. Proceed to Step 2.

   b. If you update to the next working day at the end of the days processing: you might be required to use the override feature depending on whether you complete your updating prior to midnight or after midnight.

   c. If you complete your updating after midnight, Monday through Thursday, do not use the override feature. Proceed to Step 2.

   d. On Fridays (regardless of the time of day when you update) and on all days when you update prior to midnight, you must exercise the override feature.

   When the Institution File is updated (using program MID020), the Next Actual Processing Date in Institution Zero is compared to the system date. An unequal condition creates an abort. See the Batch Programs chapter in MICM *Reference Guide 1* for Abort Message information. Therefore, whenever an actual date does not match the system date, you must prepare maintenance input containing date information that overrides the system date. The following information is required as maintenance input:

Pos 01 – 02	**00**
Pos 03 – 05	**000**
Pos 22 – 23	**04**
Pos 24 – 25	**00**
Pos 26 – 31	The date currently contained in the Next Actual Processing Date of Institution Zero. Format is MMDDYY.

2. Run the Institution Control File Update program (MID020). Use maintenance input created in Step 1 (if applicable). This program must be executed even if no maintenance input exists. Refer to the Batch Programs chapter of MICM *Reference Guide 1* for additional information.

How to Maintain the Institution File

This procedure describes how to backdate the Institution File in MICM. Backdating requires using the override feature which, in turn, requires maintenance input. All date information entered must be dates that the institution is open for processing. The open and closed dates are defined in the Process Week field. Remember, dates are rolled ahead for all institutions even if they are not maintained for backdating. In order to stay synchronized, you might want to maintain all institutions with the same dates even though only one is to be processed. The steps necessary for backdating the Institution File are as follows.

1. Prepare the override information using the Institution Control File input form as outlined in the Application Forms chapter of this guide. The override input must precede any other maintenance input and is created in the following manner:

    Pos 01 – 02   **00**
    Pos 03 – 05   **000**
    Pos 22 – 23   **04**
    Pos 24 – 25   **00**
    Pos 26 – 33   Date to be processed. Format is MMDDYYYY.

2. Prepare the Institution Control File input form 0001 for each institution to be backdated for processing, including Institution Zero, with the appropriate information as outlined in the Application Forms chapter of this guide. The dates to be entered in the maintenance input are as follows.

    Pos 01 – 02   **00**
    Pos 03 – 06   Institution number
    Pos 22 – 23   **01**
    Pos 24 – 25   **00**
    Pos 26 – 33   Date to be processed minus 1 work day
    Pos 34 – 41   Date to be processed minus 2 work days
    Pos 42 – 49   Date to be processed
    Pos 50 – 57   Date to be processed. This date must match the date in the override input (04).

3. Run the Institution Control File maintenance program (MID020) with the input created from Steps 1 and 2. Refer to the Batch Programs chapter of MICM *Reference Guide 1* for information related to the execution of this program. Remember, the dates are rolled ahead for the other institutions as well as the institutions being backdated.

How to Change Conflicting MICM Transaction Codes

1. Change the values in copybook SLW003 to the codes you want to use.

```
000010*01  SLW003-AREAS.
000020*********************************************************************
000030*    BEGINNING OF STANDARD TRANSACTION CODE WORK AREA          *
000040*********************************************************************
000050    03  WS-SIGNONTRN           PIC X(04)      VALUE 'SGON'.
000060    03  WS-SIGNOFFTRN          PIC X(04)      VALUE 'SGOF'.
000070*   03  WS-MENUTRN             PIC X(04)      VALUE 'MENU'.
          03  WS-MENUTRN             PIC X(04)      VALUE 'WMMU'.
000080    03  WS-CHGBNKTRN           PIC X(04)      VALUE 'CHNG'.
000090    03  WS-INFOPOINT           PIC X(04)      VALUE 'INPT'.
000100    03  WS-MENUINT-ID          PIC X(04)      VALUE 'MI00'.
000110*********************************************************************
000120*    END    TRANSACTION CODE WORK AREA                         *
000130*********************************************************************
```

2. Compile programs SSL100, SSL110, SSL140, SSL900, and SSL020.

3. Set up a new transaction by copying the existing Resource Description Language Record (MIRLN), Resource Description Record (MIRDC), and Transaction Definition Record (MITDF). These records are shipped in member MITRN51 and are used to define transactions to MICM in an 80-card format. The following example shows how you would replace **MENU** with **WMMU**. To update these records in a batch mode use programs MID090, MID100, and MID200. To update the records online, sign on as Operator Zero under the MICM Security Menu to use transactions MIRDC, MIRLN and MITDF. Use the copy function for these entries changing the key from **MENU** to what you determined would be your corresponding transaction.

```
00RDCM000000WMMU
00RDCM01MMIVS20H

00RLNM000000WMMU    EN
00RLNM01Menu Selection

00TDFM000000WMMU
00TDFM01SSL100  MI00000N99            00
```

4. Delete the old transaction by deleting the Resource Description Language Record, Resource Description Record, and Transaction Definition Record.

```
00RDCM000000MENU
00RDCM99048

00RLNM000000MENU    EN
00RLNM99048

00TDFM000000MENU
00TDFM99048
```

5. Add the new transaction code to your CICS transaction definition.

```
DEFINE TRANSACTION(WMMU) GROUP(MI51AOR)
        DESCRIPTION(INFOPOINT APPLICATION)
        PROGRAM(SSL002I) TWASIZE(1024) PROFILE(MI51AOR) STATUS(ENABLED)
        DYNAMIC(NO) PRIORITY(1) DTIMOUT(1000) INDOUBT(BACKOUT)
        RESTART(NO) SPURGE(YES) TPURGE(YES) DUMP(YES) TRACE(YES)
        RESSEC(NO) CMDSEC(NO) ALIAS(menu)
```

6. If the CICS region that contains the Temporary Storage records is not recycled, execute MICM transaction MIBMTABL.

How to Handle System Aborts

This process outlines the steps to follow when an abort condition occurs during processing. Abort information is displayed whenever the system encounters a condition that prevents the system from processing normally.

1. Note the abort information displayed on the screen and the key of the aborted transaction, and respond according to the abort message. Some Abort Messages give instruction on how to handle a particular abort; others refer you to the data center for assistance.

2. Press [Clear] to display the menu panel.

   Note: The display of the menu panel is controlled through the Menu Flag on MICM Record 2014.

How to Ready Trace Debugging Procedures

MICM delivers 2 procedure copybooks (SRP095 and SRP096) to assist customers in debugging a program. These provide a 'ready trace' capability for online programs. COBOL II eliminated this facility.

The following information describes how to use these copybooks and where to place them in a program.

Format for SRP05:

```
000010 SOURCE-COMPUTER. IBM-370 WITH DEBUGGING MODE.
```

It is to be placed after the CONFIGURATION SECTION within the program. You may copy this 1 statement in or place a "COPY SRP095" Statement after the section name.

Format for SRP096:

```
000010 DECLARATIVES.
000020   COBOL-DEBUG SECTION.
000030     USE FOR DEBUGGING ON ALL PROCEDURES.
000040   COBOL-DEBUG-PARA.
000050     IF WS-ABTRACE-ON IS EQUAL TO 'Y'
000060         DISPLAY DEBUG-NAME
000070     END-IF.
000080 END DECLARATIVES.
```

It is to be placed after the PROCEDURE DIVISION as either a COPY SPR096. Statement or you may copy the code in. The WS-ABTRACE-ON is defined in SRW028 for compile purposes. When you want to start a trace, place the following line within the program.

```
MOVE 'Y' TO WS-ABTRACE-ON.
```

Place the following line within the program where you want to stop the trace.

```
MOVE 'N' TO WS-ABTRACE-ON.
```

You can turn this trace on and off all throughout a program.

Note: Include SRW028 if not in program.

How to Clean Up the Temporary Storage Queue

A Temporary Storage Record is used online to table information needed during execution of different transaction types. An example would be the menu assigned to a user. When signing on, the menu is built and kept in a Temporary Storage Queue for reference during online execution. When this menu is needed for a future task, it need not be rebuilt.

When a user signs on to the system there are many Temporary Storage Records built. When the user is complete, a signoff procedure should take place. After the signoff procedure is performed, all the Temporary Storage Records are deleted at the same time. This keeps the Temporary Storage Queue cleaned up and allows efficient processing.

Occasionally, a user may leave a terminal without signing off. The external security used onsite logs off the user from CICS. When this occurs, the Temporary Storage Record is not deleted. If this continues, the queue can become full and CICS will hang up. This procedure allows a timely way to keep the TSQ cleaned up. The SSL125 or SSL126 (Delete Orphaned Temporary Storage Driver) programs can be used in three different ways to accomplish the cleanup task.

During CICS startup, SSL125 or SSL126 should be included in the Program Load Table (PLT). SSL125 must run in the region where the Temporary Storage Queues are maintained. SSL126 can run in the Application Owing Region.

When a user signs on to CICS, an entry is made in the TCT for the terminal being used. When a user signs on to MICM, an Operator Signon Record is built. The key format is MIOPtttt, where:

> tttt is the terminal ID taken from the TCT.

There are two conditions that are checked for during the execution of SSL125.

1. The MIOPtttt is used to find a matching entry in the TCT. If one is not found, all the Temporary Storage Queue Records are deleted by invoking the signoff procedure using program SSL120.

2. If a matching entry is found in the TCT, the Operator Record is checked for the time limit set. If the time limit has been exceeded, the signoff procedure using program SSL120 is used.

The three ways to execute this procedure are as follows.

1. Execute transaction MIDQ. This is a driver program that calls SSL125 or SSL126. To execute the transaction for program SSL126, type **MIDQ,SSL126**. This operation would be for a one-time cleanup of the TSQ.

2. Load SSL125 or SSL126 into the PLT when bringing CICS up daily. This results in the cleanup to occur many times during the day based on the time frame specified in the program. The field WS-START-INTERVAL is delivered with the value of 001500. This value executes the program SSL125 or SSL126 every 15 minutes.

3. Execute MITT or MIQD for program SSL126 manually, then automatically re-execute during the day based on the time frame specified in the program. The field WS-START-INTERVAL is delivered with the value of 001500. This value executes the program SSL125 or SSL126 every 15 minutes.

Within SSL125 and SSL126 there is a working storage section, WS-APITSQ-NAMES. MICM delivers SSL125 and SSL126 with all the Temporary Storage Queue entries for MICM. All other Infopoint applications deliver their own Temporary Storage Queues within their own application-specific MICM 5.1 security data deck. If it becomes necessary to clean up additional TSQ entries from these applications, they can be added using MICM Record 2026 (TSQ Management).

Program SSL126 is an alternative program when SSL125 cannot be used due to installation standards issues or CICSPLex problems.

The program reads the MITRMID file which contains a 4-position record with the terminal ID as the key. The records are added to this file by program SSL110 during signon, and deleted by program SSL120 during signoff. The Terminal ID Option on the System and Security Options Record must be set to 'Y'. Run job MITRMIDJ to create the MITRMID file. This file is defined as a CICS maintained table.

Temporary Storage Record Names Table

Queue 12345678	Description	Program/ Copybook	Life of Record
MIrriiEN	MICM Record 7001 - Translation Tables Record. Positions 3 and 4 (rr) contain the value of 7001 in binary. Positions 5 and 6(ii) contain the institution number in binary. Positions 7 and 8 (EN) contain the language code.	MIL040	Permanent
MIORA	MICM Record ORA – Operator Record Authorization Profile Record (field/record security). This temporary storage record contains the keys to the ORA record.	MIL040	Permanent
MIORAF	MICM Record ORA – Operator Record Authorization Profile Record (field/record security). This temporary record is specifically created for the Financial Control System. This temporary storage record contains the keys to the ORA record.	MIL040	Permanent
MIORAS	MICM Record ORA – Operator Record Authorization Profile Record (field/record security). This temporary storage record contains keys to the ORA record for records that have spaces in the Record ID and AMT Application ID.	MIL040	Permanent
MIORGxxx	MICM Record ORG – Organization Definition Record. Positions 6, 7 and 8 (xxx) contain the Organization ID from the ORG record key.	MIL040	Permanent
MIRDC	MICM Record RDC – Resource Description Record.	MIL040	Permanent
MIRLNEN	MICM Record RLN - Resource Description Language Record. Positions 7 and 8 contain the language code.	MIL040	Permanent
MITCT	Module MIA030 – MICM Record Transparency Control Table.	MIL040	Permanent
MI0211ii	MICM Record 0211 – Application Information Record. Positions 7 and 8 (ii) contain the institution number in binary.	MIL040	Permanent
MI2023ii	MICM Record 2023 – Product Code Information Record. Positions 7 and 8 (ii) contain the institution number in binary.	MIL040	Permanent

Queue 12345678	Description	Program/ Copybook	Life of Record
MI4005	MICM Record 4005 – Mapper File Directory. This record controls all other records created by program MIL040. If this record is not found during transaction authorization and/or operator sign, program MIL040 is invoked and all temporary storage records created by MIL040 are created or recreated.	MIL040	Permanent
MI7000	MICM Record 7000 – Relationship CIF Translation Field Table.	MIL040	Permanent
SSMR7000	MICM Record 7000 – Relationship CIF Translation Table Record.	MIL040	Permanent
MIOBtttt	Transaction breakaway. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Record is created when a breakaway is invoked to a transaction outside of MICM. Record is deleted when returning to MICM or during signoff (program SSL120).	SSL100	Temporary until operator signs off
MIOHttttoooooooo	Operator terminal signon. Positions 5 through 8 (tttt) contain the terminal ID from EIBTRNID and positions 9 through 16 (oooooooo) contain the Operator ID. The record is created during the operator signon process when a program has linked to SSL140 to perform security using copybook SLS140. If transaction was not invoked by a terminal, the (tttt) will contain hex zeros.	SSL140	Temporary until operator signs off
MIOPtttt	Operator terminal signon. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Record is created during the operator sign on process. Record is deleted during signoff (program SSL120).	SSL110	Temporary until operator signs off
MIMNtttt	Menu directory. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Record is created during the operator sign on process and is deleted during signoff (program SSL120). This record contains 99 8-position fields with the menu name as the value. For each no-blank entry, there will be a MInn temporary storage record created. The value for nn is the subscript number of the menu name.	SSL110	Temporary until operator signs off

Queue 12345678	Description	Program/ Copybook	Life of Record
MI01tttt through MI99tttt	Menu. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Record is created during the operator signon process and is deleted during signoff (program SSL120). MI01 is the main menu and MI02 – MI99 are sub-menus.	SSL110	Temporary until operator signs off
MIR1tttt	Breakaway. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Contains the current transaction communication area.	SRP075 SRP0752 MIL720	Temporary until returning from breakaway
MIR2tttt	Breakaway. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Contains the current transaction function program link area. For program MIL720, it is the Q named in COM-TSQWKKEY.	SRO075 SRP0752 MIL720	Temporary until returning from breakaway
MIR3tttt	Breakaway. Positions 5, 6, 7 and 8(tttt) contain the terminal ID from EIBTRNID. Contains the current transaction work unit TS records from Q named in COM-TSQWKKEY2.	MIL720	Temporary until returning from breakaway
MIAMtttt	Work area. Positions 5, 6, 7 and 8(tttt) contain the terminal ID from EIBTRNID.	MIL700	Temporary until end of transaction
MIAStttt	Work area. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID.	MIL100 MIL110	Temporary until end of transaction
MIORtttt	Work area. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. The Q created by MIL140 is deleted by MIL720.	MIL130 MIL140	Temporary until end of transaction
MIHItttt	Work area. Positions 5,6,7 and 8 (tttt) contain the terminal ID from EIBTRNID. Deleted by MIL720 and/or MIL010 by user request.	MIL150 MIL010	Temporary until end of transaction
MIHOttttt	Work area. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Deleted by MIL010.	MIL010	Temporary until user request
MIPDtttt	Work area. Positions 5, 6, 7 and 8 contain the terminal ID from EIBTRNID. Deleted by MIL720.	MIL170	Temporary until end of transaction
MIPDtttt	Work area. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Deleted by MIL720.	MIL171 MIL172	Temporary until end of transaction

Queue 12345678	Description	Program/ Copybook	Life of Record
MIMDtttt	Work area. Positions 5, 6, 7 and 8 (tttt) contain the terminal ID from EIBTRNID. Deleted by MIL720.	MIL750	Temporary until end of transaction
MIttttpp	Work area. Positions 3, 4, 5 and 6 (tttt) contain the terminal ID from EIBTRNID. Position 7 and 8 (pp) contain the screen page number.	MID2000	Temporary until end of transaction

How to Invoke the MICM Temporary Storage Table Build

Certain highly-used Infopoint transactions are stored in temporary storage queues to reduce the I/O processing needs of CICS. MIBMTABL is the online transaction used to build and delete these queues. This transaction is used by the security administrator while signed on to Institution Zero.

The transaction will table the information housed on these key Infopoint MICM parameters into the TSQ area of CICS. Therefore, if any information on these parameters is changed, or any new parameters are added or deleted, these TSQ areas would need to be refreshed in order to reflect these changes. These key MICM parameters are:

- 0211 – Application Information
- 2023 – Product Code Information
- 4005 – Mapper File Directory
- 7000 – RCIF Translation Field Table
- 7001 – Translation Tables
- MIRDC – Resource Description
- MIRLN - Resource Description Language
- MIORG – Organization Definition
- MIORA – Operator Record Authorization

Only changes to the parameters mentioned above will impact the storage queues of MIBMTABL. If other MICM parameters are changed, it is not necessary to rebuild these storage queues.

The MICM Table Build transaction can be resource intensive, and access to the transaction should be limited to administrators, and should only be invoked when a refresh of the queues is necessary.

1. To invoke this transaction, enter **MIBMTABL** on the Command line, or select it from the menu. Press [Enter].

```
MENU     OPERABC  INFOPOINT                          0000 11-01-2002
 Infopoint Applications Main Menu
              Panel ID           Panel Name
         1   MIMICMA    Master Information and Control (All)
         2   SECURITM   Infopoint Security Main Menu
         3   TLMENU     Teller Menu




 Command====> MIBMTABL
 F1=Help   F3=Exit   F5=Refresh   F12=Cancel
```

Infopoint Applications Main Menu

2. The Build MICM Temporary Storage Table key panel is displayed. To rebuild the queues, enter **B** in the Function field.

```
MIBMTABL  OPERABC      Build MICM Temporary Storage Table    0000  11-01-2002

 FUNCTION . . . B    (Enter (B)uild (D)elete)







 Command===> MIBMTABL,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

Build MICM Temporary Storage Table

3. Press [Enter]. A message indicating the process is complete is displayed.

```
MIBMTABL  OPERABC       Build MICM Temporary Storage Table     0000  11-01-2002




















000078  MICM table build completed
Command===> MIBMTABL,B
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

Build MICM Temporary Storage Table

Another way to invoke the transaction is to use direct access, and type
MIBMTABL,B on the Command line. This bypasses the key panel, and executes
the transaction immediately. The completion message panel is still displayed
upon the completion of the transaction.

How to Use Merge Mapping

Merge mapping allows you to create an inquiry panel. Panel lines consisting of literal and data fields are defined individually. To access the data in the field, indicate the API record ID and the field number from the Application Management Table. This process is only for those records that are under the Application Management Table format. You may use Infopoint records or create your own.

The position and format of the field on the panel can also be defined. Fields can only be read from the record; they cannot be updated or deleted with this function. The parts of the merge map are: the work unit, the driver transaction, and the actual merge map itself. You will need to determine the names of these 3 transactions and map out the merge map layouts. There are several steps that must be completed before a merge map can be created. Following is an overview of the steps required in the merge mapping process.

Merge Mapping Overview

Programs MIL140 and MIL150 are delivered with the system to assist you in the development of a driver program. Driver programs create a Temporary Storage record containing the record keys that are to be retrieved for display. The basic function of a driver is to provide a key panel and a merge map record key. Use program MIL150 as an example when writing your own. You must have a driver for each record included in the merge map process. The driver program is tied to the first transaction in your work unit. MIL720 is tied to the merge map itself with its name being the generic panel. The steps used to process merge mapping are as follows:

1. MIR710 prints the AMT record needed to create your merge map. You can also display the record online using MIAMTTM. Screen print the fields you want to use.

2. Use the online transaction, MIMMAPM, to create your merge maps. You can then define the work unit, driver, and merge map as transactions using MITDF, MIRDC, and MIRLN.

3. Set up your work unit using MIWKU. Tie the driver and merge map to a work unit name. The work unit name is the transaction you enter to get to the merge maps. You must also tie the transactions to a profile to allow online access using MIPRD.

4. Finally, rebuild the temporary storage queue, using MIBMTABL.

Merge Mapping Example

The following example allows you to create a merge map using the driver MIL140 for operator record access.

1. Access the operator record online using MIAMTTM. (This record is accessed to obtain the field name, number and length of the entry needed for your merge map.)

    Note: MIAMTTM is an online display of the API record.

2. Press [Enter]. The key panel is displayed.

```
MIAMTTMK  ZERO      Application Management Table Maintenance  0000  03-17-1999


 Record Code  . opr

 Appl Code   . . m_

 Function . . . m    (Enter (N)ew (M)aintain (D)elete (C)opy)








 Command===> MIAMTTM,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIAMTTM – Application Management Table Maintenance

3. Type the appropriate key data and press [Enter]. The Application
    Management Table primary panel is displayed.

```
 MIAMTTM    ZERO             Application Management Table Maint  0000  03-17-1999
                                                                         More - +

  Record Code    OPR         Record Name Operator Record
  Appl Code  . . M           User Program              Number Of Cards 3
  API Appl Code  MI Rec OA1 File DD Name    OA1        Nbr Print Lines 6
  Data Base Type A           Log Appl Id . . MI        Log Appl Rec Id OAJ
  Valid Eff Date N           Valid Model . . N         Valid Region    N
  Record Number              File Opt Sub    00  Mgr 00 Record Function Y OI-Ctl B
  Field Number   3           Field Name  . . Operator Id
  Entry Type . . K           Edit Format . . 1         Edit Code . . . 40
  Field Length   8           Default Value             Decimal Pos . . 0
  Edit Ctl Low               Edit Ctl High             Field Update    Y
  Date Format                Help Name . . .           Non Default Cd  N
  Field Id . . .             User's Code . .
                             Token Name  . . OPERATOR_ID
  Record Disp    5           Record Length   8
  Card Number    99          Card Displace   13        Print Format    1
  Head Line  . . 1           Head Displace   1
  Print Line . . 1           Print Displace  17        Print Length    8

  Command====>
  F1=Help   F2=Begin   F3=Exit   F4=Next   F5=Refresh   F7=Backward
  F8=Forward   F11=Break   F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance

```
 MIAMTTM    ZERO             Application Management Table Maint  0000  03-17-1999
                                                                         More - +

  Record Code    OPR         Record Name Operator Record
  Appl Code  . . M           User Program              Number Of Cards 3
  API Appl Code  MI Rec OA1 File DD Name    OA1        Nbr Print Lines 6
  Data Base Type A           Log Appl Id . . MI        Log Appl Rec Id OAJ
  Valid Eff Date N           Valid Model . . N         Valid Region    N
  Record Number              File Opt Sub    00  Mgr 00 Record Function Y OI-Ctl B
  Field Number   11          Field Name  . . Operator Name
  Entry Type . . N           Edit Format . . 1         Edit Code . . . 1
  Field Length   40          Default Value             Decimal Pos . . 0
  Edit Ctl Low               Edit Ctl High             Field Update    Y
  Date Format                Help Name . . .           Non Default Cd  N
  Field Id . . .             User's Code . .
                             Token Name  . . OPERATOR
  Record Disp    37          Record Length   40
  Card Number    99          Card Displace   9         Print Format    1
  Head Line  . . 1           Head Displace   32
  Print Line . . 1           Print Displace  48        Print Length    40

  Command====>
  F1=Help   F2=Begin   F3=Exit   F4=Next   F5=Refresh   F7=Backward
  F8=Forward   F11=Break   F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance

4. Select the fields you want to display. Be sure to note the field number and its
    length.   For the example used later in this section, the fields Operator Name
    and ID were used.

5. Design what you want your panel to look like. For example:

    Operator Name: 40 positions ID: 8 positions

6. Create the merge map using the names OPERATOR for the work unit, OPERINQ for the driver and, OPERLST for the merge map.

7. Select **MIMMAPM** from the menu. The key panel is displayed.

```
MIMMAPM    ZERO                  Merge Mapping              0000  03-17-1999

 Function . . . . n      Enter (N)ew (M)aintain (D)elete (C)opy () Inquiry
                                (B)rowse
 Language . . . . en
 Line Number  . . 01
 Panel Name . . . oprlst_
 Record Code  . . opr__
 Appl Code  . . . _m_
 Map Type Code    _




 Command===> MIMMAPM
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIMMAPM – Merge Mapping

8. Type **N**, indicating New function. Enter all pertinent information on the panel.

```
MIMMAPM    ZERO                   Merge Mapping              0000  03-17-1999
                                                                  Delete _
 Language . . . : EN     Panel Name . . . OPRLST   Record Code  . . opr
 Appl Code  . . . _m     Line Number  . . 01         Map Type Code    _

 Line Attribute N                Line Layout
 ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
 KEY THE LITERALS HERE IN THE FORMAT THAT YOU WANT THE MAP TO DISPLAY
 ------------------------------------------------------------------------------
 Fld Ps Lt Pf A AA GA        Fld Ps Lt Pf A AA GA        Fld Ps Lt Pf A AA GA
 ------------------------------------------------------------------------------
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0         0   0  0  0  _ 0  0         0   0  0  0  _ 0  0

 Command===> MIMMAPM,N,EN,1,OPRLST,M,,
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIMMAPM – Merge Mapping

```
MIMMAPM    ZERO                  Merge Mapping              0000  03-17-1999

                                                                    Delete
   Language . . . . EN        Panel Name . . . OPRLST     Record Code  . . OPR
   Appl Code  . . . M         Line Number  . . 01         Map Type Code    _

   Line Attribute N                     Line Layout
   ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
   OPERATOR NAME:                                               ID:
   ----------------------------------------------------------------------------
   Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA
   ----------------------------------------------------------------------------
   11  16 40 0  _ 0  0         3  65 8  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0
   0   0  0  0  _ 0  0         0   0  0  0  _ 0  0          0   0  0 0  _ 0  0

   Command===> MIMMAPM,N,EN,1,OPRLST,OPR,M,
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIMMAPM – Merge Mapping

9. Once the literals are in place, address the Fld, Ps and Lt fields below the literals.

```
   ----------------------------------------------------------------------------
   Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA
   ----------------------------------------------------------------------------
   11  16 40 0  _ 0  0         3  65 8  0  _ 0  0          0   0  0 0  _ 0  0
```

a. The first field being displayed is the Operator Name. It is field number 11 for 40 positions.

b. The second field is the Operator ID which is field number 3 for 8 positions. The starting position identifies where the 400 positions for the Operator Name and the 8 positions for the ID start.

c. Use Online Help (F1) to determine the values for the fields.

10. Press [Enter] after the required fields have been addressed. The menu is displayed.

11. You can now define the three transactions. The following examples show the OPERATOR, OPRINQ and OPRLST transactions. Three online transactions are necessary to define a transaction: MITDF, MIRLN, and MIRDC.

```
MITDF     ZERO              Transaction Definition       0000  03-17-1999
                                                               More:   +
                                                               Delete

 Transaction Id   OPERATOR

 Program Id . . . SSL100
 Internal Id  . . MI00
 Key Parm . . . . 50
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____




 000001  Enter key data
 Command===> MITDF,C,MIHST
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
MITDF     ZERO              Transaction Definition       0000  03-17-1999
                                                               More:    +
                                                               Delete   _

 Transaction Id   OPRINQ

 Program Id . . . MIL140
 Internal Id  . . MI00
 Key Parm . . . . 0
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____



 000001  Enter key data
 Command===> MITDF,C,MIHSTINQ
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
 MITDF    ZERO              Transaction Definition        0000  03-17-1999
                                                                More:    +
                                                                Delete   _

 Transaction Id   OPRLST

 Program Id . . . MIL720
 Internal Id  . . MI00
 Key Parm . . . . 50
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    OPRLST
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ____
 Appl Mgr Panel   0
 Generic Program  _____



 000001  Enter key data
 Command===> MITDF,C,MIHSTLST
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

```
 MIRLN    ZERO          Resource Description Language     0000  03-17-1999
                                                                More:    +
                                                                Delete   _

 Resource Id  . . OPERATOR
 Language . . . . EN

 Tran Name  . . . OPERATOR MERGE MAP TEST









 000001  Enter key data
 Command===> MIRLN,C,MIHSTINQ,EN
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN     ZERO            Resource Description Language    0000  03-17-1999
                                                                More:   +
                                                                Delete  _

Resource Id  . . OPRINQ
Language . . . . EN

Tran Name  . . . OPERATOR MERGE MAP INQUIRY






000001  Enter key data
Command===> MIRLN,C,MIHSTINQ,EN
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRLN     ZERO            Resource Description Language    0000  03-17-1999
                                                                More:    +
                                                                Delete   _

Resource Id  . . OPRLST
Language . . . . EN

Tran Name  . . . OPERATOR MERGE MAP LIST






000001  Enter key data
Command===> MIRLN,C,MIHSTLST,EN
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

```
MIRDC     ZERO              Resource Description       0000  03-17-1999
                                                             More:    +
                                                             Delete   _

Resource Id  . . OPERATOR

Resource Type    W
Help Panel . . .
Next Tran  . . . _____
Object Id  . . . _____




000001  Enter key data
Command===> MIRDC,C,MIHST
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC     ZERO              Resource Description       0000  03-17-1999
                                                             More:    +
                                                             Delete   _

Resource Id  . . OPRINQ

Resource Type    G
Help Panel . . .
Next Tran  . . . _____
Object Id  . . . _____




000001  Enter key data
Command===> MIRDC,C,MIHSTINQ
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

```
MIRDC     ZERO                   Resource Description        0000  03-17-1999
                                                                   More:    +
                                                                   Delete  _

Resource Id  . . OPRLST

Resource Type    G
Help Panel . . .
Next Tran  . . . _____
Object Id  . . . _____




000001  Enter key data
Command===> MIRDC,C,MIHSTINQ
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIRDC – Resource Description

12. The next step is to define the work unit. The work unit is necessary to string the driver and the merge map together. The following is an example of a work unit transaction.

```
MIWKU     ZERO                   Work Unit Definition        0000  03-17-1999
                                                                   More:     +
                                                                   Delete  _

 Work Unit Id . . OPERATOR
 Work Unit Seq    1
 Trans Id . . . . OPRINQ

 Default Func . . _
 Restart Flag . . _
 Appl Router  . . __
 Dialogue Router  __




000001  Enter key data
Command===> MIWKU,C,MIHST,1,MIHSTINQ
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIWKU – Work Unit Definition

```
MIWKU     ZERO              Work Unit Definition      0000  03-17-1999
                                                            More:    +
                                                            Delete   _

     Work Unit Id . . OPERATOR
     Work Unit Seq    2
     Trans Id . . . . OPRLST

     Default Func . . _
     Restart Flag . . _
     Appl Router  . . __
     Dialogue Router  __




     000001  Enter key data
     Command===> MIWKU,C,MIHST,2,MIHSTLST
     F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
     F13=Select   F14=Copy   F15=Bottom
```

MIWKU – Work Unit Definition

13. You can now tie the transactions to a profile for online access. Operator Zero
    has a profile of MIMICM. Set up your transactions for access.

```
MIPRD     ZERO           Profile Resource Definition   0000  03-17-1999

                                                            Delete  _

     Profile Id . . . MIMICM    Trans Id . . . . OPERATOR
     Appl Code  . . . 0

     Add Ind  . . . . Y
     Delete Ind . . . Y
     Inquiry Ind  . . Y
     Change Ind . . . Y
     Misc Ind . . . . Y
     Report Ind . . . Y
     Employee Access  Y
     Officer Access   Y
     Director Access  Y
     Dormant Code . . Y
     Escheat Code . . Y
     Foreclose . . .  Y
     Charge Off . . . Y

     Command===> MIPRD,N,MIMICM,OPERATOR,0
     F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRD – Profile Resource Definition

```
MIPRD     ZERO            Profile Resource Definition      0000  03-17-1999

                                                        Delete  _

Profile Id . . . MIMICM    Trans Id . . . . OPRINQ
Appl Code  . . . 0

Add Ind  . . . . Y
Delete Ind . . . Y
Inquiry Ind  . . Y
Change Ind . . . Y
Misc Ind . . . . Y
Report Ind . . . Y
Employee Access  Y
Officer Access   Y
Director Access  Y
Dormant Code . . Y
Escheat Code . . Y
Foreclose . . .  Y
Charge Off . . . Y

Command===> MIPRD,N,MIMICM,OPRINQ,0
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRD – Profile Resource Definition

```
MIPRD     ZERO            Profile Resource Definition      0000  03-17-1999

                                                        Delete  _

 Profile Id . . . MIMICM    Trans Id . . . . OPRLST
 Appl Code  . . . 0

 Add Ind  . . . . Y
 Delete Ind . . . Y
 Inquiry Ind  . . Y
 Change Ind . . . Y
 Misc Ind . . . . Y
 Report Ind . . . Y
 Employee Access  Y
 Officer Access   Y
 Director Access  Y
 Dormant Code . . Y
 Escheat Code . . Y
 Foreclose . . .  Y
 Charge Off . . . Y

 Command===> MIPRD,N,MIMICM,OPRLST,0
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRD – Profile Resource Definition

14. Access the work unit to rebuild the Temporary Storage Tables. Use MIBMTABL as the following example shows.

```
MIBMTABL  ZERO          Build MICM Temporary Storage Table    0000  03-17-1999

 FUNCTION . . . b    (Enter (B)uild (D)elete)












 Command===> MIBMTABL,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIBMTABL – Build MICM Temporary Storage Table

```
MIBMTABL  ZERO          Build MICM Temporary Storage Table    0000  03-17-1999














 000078  MICM table build completed
 Command===> MIBMTABL,B

```

MIBMTABL – Build MICM Temporary Storage Table

```
MISECINQ  ZERO                 Security Inquiry              0000  03-17-1999


  Enter the following key parameters:

      Starting Operator ID. . . . . . . . a_____

      Ending Operator   ID. . . . . . . . z_____      (Required if
                                                        searching by range)








  Command====> OPRINQ,,
  F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MISECINQ – Security Inquiry

```
OPRLST    ZERO             OPERATOR MERGE MAP LIST            0000 03-17-1999
                                                                  More:   +
  OPERATOR NAME: AAA                                   D:   AAA
  OPERATOR NAME: AMY                                   D:   AMY
  OPERATOR NAME: AMY SANDERS                           D:   AMYSA1
  OPERATOR NAME: AMY TEST                              D:   AMYSA2
  OPERATOR NAME: AMY SAMPSON                           D:   AMYSA3
  OPERATOR NAME: Analysis Operator                     D:   ANALYSIS
  OPERATOR NAME: Analysis Operator                     D:   AN84FSJ
  OPERATOR NAME: Analysis Operator                     D:   AN84FS1
  OPERATOR NAME: Analysis Operator                     D:   AN84FS4
  OPERATOR NAME: CUSTOMER ONE                          D:   CUSTOMER
  OPERATOR NAME: RON HINKLEY                           D:   HINRO02
  OPERATOR NAME: All Application Operator              D:   INFPOPR
  OPERATOR NAME: LAVERNE                               D:   LAVERNE
  OPERATOR NAME: MARY                                  D:   MARY
  OPERATOR NAME: MMMM                                  D:   MARYMI
  OPERATOR NAME: OOPER                                 D:   MARY1
  OPERATOR NAME: TEST FOR CLASS                        D:   TEST

  Command====> OPERATOR,A,Z
  F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
  F11=Break    F12=Cancel
```

OPRLST – Operator Merge Map List

How to Perform the Transparency Process

MICM 5.1 can be used by all products, regardless of the release of MICM they are currently using. MICM 3.0, 4.0, or 5.0 formats are transparent to MICM 5.1. There are no changes to the records used. Recompile the online programs and re-link the batch programs. If you are dynamic, point to the new loadlib for MICM 5.1.

The transparency process is performed through a new table, MIA030 and is loaded using MIA040. Batch programs load this table once, while online loads the table into a temporary storage record MTTCT. If a record is not found in the new table, the old VSAM read is performed.

MIA030, an assembler module, is comprised of all the new API MICM records. MIA030 source is generated with program MIR710. The data stored for each record has the following information:

Record Number – This is a new record number. For example, the Index record is 2002, therefore, **2002** is in this field.

Record ID – This is the API record ID. The API record ID for the Index record is O02, therefore **O02** is in this field.

Key Type – This is the key type from the old table file entry. Valid entries are:
1   All 36 blanks. Use if form contains no variable keys.
2   First 8 alphanumeric, next 2 binary, last 26 blanks.
3   All 36 alphanumeric. This is the typical entry for most forms that contain key fields.
4   First 8 binary, next 2 alphanumeric, last 26 blanks.
5   First 8 binary, next 2 alphanumeric, last 26 blanks.
6   First 4 binary, next 2 alphanumeric, last 26 blanks.
7   First 8 binary, next 4 binary, last 26 blanks.

For this example, a **3** would be in this field.

Key/Audit Length – This field contains the key plus the audit length. The audit length is always 24 bytes. This field contains 0043 for the Index record. This includes the 24 bytes of the audit length.

Region Displacement – If the region field exists in the key of this record, the displacement is in this field. There is no region in the key for the Index record. This field contains **0000**.

Effective Date Displacement – If the effective date field exists in the key of this record the displacement is in this field. The effective date is part of the key for the Index record, therefore **0012** is in this field.

Model Displacement – If the model field exists in the key of this record, the displacement is in this field. There is no model in the key for the Index record. This field contains **000**.

Byte Occurs – This is the length of the data portion of this record. For the Index record this field has **0097**.

Using the Index record as an example, Deposits 8.2 calls MICM looking for an Index record. This call is in the old key and record format. MICM uses this table to find the MICM Record 2022. The old key is fixed format; the new key is variable. The new API key is built using the table. This then enables MICM 5.1 to find the record, retrieve the data and reformat it to pass it back to Deposits 8.2. The format passed back to Deposits 8.2 is the old format.

Because of the standardization of the records, many records have changed. Keys have changed as well as data. All these changes must be addressed before sending the information back to the product in the old format. If we added a postal code to a MICM record under MICM 5.1, we cannot send it to a product where the format does not include this new field. This process is accomplished through the use of the MIPTRNP routines. Each of these routines recognizes which records have been changed and what must be done to allow the product to get just what it asked for in the correct format.

How to Restrict Access to MICM Records During Batch Updates

The Batch Organization Control Record, commonly known as file sets, is a facility that can restrict access to MICM records when a batch run is in progress. It can either restrict access to MICM records or limit the access to MICM records for organizations. This is done by setting the batch status for an organization in the Batch Organization Control record to indicate that the organization is a logical read only or closed state. Optionally, records for different applications in the same organization can be set separately so that a single application can have some restrictions while other MICM records for other applications can still have complete access. Program MIR430 is used to set the state for the organization. Refer to program MIR430 in MICM *Reference Guide 1* for details.

Note: This facility is optional and not initially on. Use the following procedures to turn it on. It is possible to use DB2 instead of VSAM even when using VSAM for all other files.

BOC Setup Procedures – VSAM

1. Edit MICM API table MIPR3A1 and uncomment the BIMD1TAB for entry OA6.

```
*    MICM BATCH ORGANIZATION CONTROL (BOC)
*OA6     BIMD1TAB TYPE=RECORD,LDBNAME=MIFBOC,ACCESS=F,ORGFM=N,        *
*              AUDITFM=2,LOGUPD=N,RECLEN=32,KEYLEN=07
```

2. Edit MICM API table MIPR3A2 and uncomment the BIMD2TAB for entry MIFBOC.

```
*MIFBOC   BIMD2TAB TYPE=LDB,DDNAME=MIFBOC
```

3. Edit MICM API table MIPR3DV1 and uncomment the BIMDVTAB for entry MIFBOC.

```
*MIFBOC   BIMDVTAB TYPE=FILE,KEYLEN=11,RECLEN=0036,DTB=YES,LSR=YES,   *
*               STRNO=2
```

4. Submit the Runtime BIASMDV procedure to assemble and link edit the Runtime Components members BNKBIPA1, BNKBIPA2, and BNKBIPDV.

5. Run MICM job MIFBOCJ to create the MIFBOC VSAM file.

6. Edit member MI51AOR5 and remove the comments for the file definition for MIFBOC.

```
*DEFINE FILE(MIFBOC) GROUP(MI51AOR)
*      DESCRIPTION(InfoPoint MICM Batch Organization Control)
*      DSNAME(BNKCAV.IN0.MI51.MIFBOC)
*      RLSACCESS(NO) LSRPOOLID(1) READINTEG(UNCOMMITTED)
*      DSNSHARING(ALLREQS) STRINGS(3) STATUS(ENABLED)
*      OPENTIME(FIRSTREF) DISPOSITION(SHARE) DATABUFFERS(4)
*      INDEXBUFFERS(3) TABLE(CICS) MAXNUMRECS(NOLIMIT)
*      UPDATEMODEL(LOCKING)  LOAD(NO)  RECORDFORMAT(F)  ADD(NO)
*      BROWSE(YES)  DELETE(NO)  READ(YES)  UPDATE(NO)  JOURNAL(NO)
*      JNLREAD(NONE)  JNLSYNCREAD(NO)  JNLUPDATE(NO)  JNLADD(NONE)
*      JNLSYNCWRITE(YES)  RECOVERY(NONE)  FWDRECOVLOG(NO)
*      BACKUPTYPE(STATIC)
```

7. Run CICS Batch program DFHCSDUP to add the new file definition.

8. Run MICM job MIR430 to set the state of the organizations. The last step in the job is MIR050 that will first set the MIFBOC file to close and then reopen the file. This is used to force CICS to refresh the buffer for the MIFBOC file. This JCL should be added to the daily batch cycle to set the state of the organizations at the beginning of the run and to reset the state of the organizations at the end of the run.

BOC Setup Procedures – DB2

1. Edit MICM API table MIPR3C1 and uncomment the BIMD1TAB for entry OA6.

```
*    MICM BATCH ORGANIZATION CONTROL (BOC)
*OA6     BIMD1TAB TYPE=RECORD,LDBNAME=BKMI1,ACCESS=D,ORGFM=N,       *
*             AUDITFM=2,LOGUPD=N,RECLEN=32,KEYLEN=07
```

2. Submit the Runtime job BIASMDB procedure to assemble and link edit the Runtime Components member BNKBIPC1.

3. Run MICM job MIR430 to set the state of the organizations.

Jobstreams

How to Process Start of Day Batch for MICM

Note: The following start of day batch for MICM is for the MVS Operating System. For VSE procedures, refer to the MICM *Installation Guide* (VSE).

The JCL to process start of day batch for MICM is MISODAYJ (VSAM) and MISODAYD for DB2.

[   ] – Perform the following required JCL steps to run start of day for MICM.

Step 1s   **Execute IEFBR14 to scratch PRINTK.**

Step 1   **Execute MID020 to roll dates.**

Step 2l   **Execute an IDCAMS to delete and define the MICM Log File (MILOGG).**

This file logs all the SGON, SGOF, and security violations.

Step 2   **Execute MID010 to create the Log File (MILOGG).**

This step writes a blank log record in the form of a signon to initialize the file.

Step 3   **Execute an IDCAMS to delete and define the MIFLOG file.**

This is the API log file.

Note: This step is not needed for DB2 JCL.

Step 4   **Execute program BIS869B to initialize MIFLOG.**

The following control cards should be included:

```
IPMI BNK MISODAYJ   EN                    0
OAJ 000000
END
```

Note: Execute BIS864B to delete the HST records for DB2. The control cards are slightly different.

Step 5l   **Execute an IDCAMS to delete and define the MIHD01 file.**

Step 5   **Execute MID030 to initialize the Maintenance History Daily Transaction File.**

[   ] – Check for a return code of '8' or less.

How to Process the CICS Translator

This section includes the translator procedure for MICM CICS copybooks.

Overview

The following is an overview of the translator process to MICM 5.1. Detailed steps follow this overview.

- Execute DFHECI1$.
- Execute S0C020.
- Execute IEBUPDTE.

CICS Translator Steps

The following steps are required for running the CICS translation for MICM.

Note: The steps for running end of day are taken directly from the JCL, MICOTRNJ.

Step 1

Execute DFHEC1$.

Step 2

Execute S0C020 to take MIP7XX module and break apart the members into individual copybooks, set up JCL and catalog them to a PDS.

Step 3

Execute IEBUPDTE.

Note: During the PTF process that may take place on one of these translated copybooks, the individual copybook cannot be addressed in the normal PTF Manner. The MIP7Xx module must be addressed and the translate step redone. This can be accomplished by redoing the MIP7XX entirely or pulling the copybook out and running just it through the translate step.

How to Process End of Day Batch for MICM

Note: The following end of day batch for MICM is for the MVS Operating System. For VSE procedures, refer to the MICM *Installation Guide* (VSE).

The JCL to process end of day batch for MICM is MIEODAYJ for VSAM and MIEODAYD for DB2.

[ ] – Perform the following required JCL steps to run end of day for MICM.

Step 1s

Execute IEFBR14 to scratch PRINTK and MIBKUP files.

Step 1

Execute MID800 to back up MIMAST, MITABL and MIAMTT.

The following control card should be included:

```
00 M T A
```

Step 2s

Execute IEFBR14 to scratch PRINTK and MILGBU files.

Step 2

Execute MID830 to back up MILOGG created in startup JCL, where MID010 is executed.

Step 3S	**Execute IEFBR14 to scratch MIVSBKP file.**
Step 3	**Execute BIS861B to back up the API records.**

Execute BIS861B, to back up MIASK, MIFMST, MIFBNK, MIFSEC, MIFCSR, MIFMMP, MIFHST and MIFLOG to disk.

The following control cards should be included:

```
IPMI BNK MIDAILYJ EN BIS861B  0
END
MIFASK
MIFMST
MIFBNK
MIFSEC
MIFCSR
MIFMMP
MIFHST
MIFLOG
END
```

The following control cards are included in the MIEODAYD JCL for DB2:

```
IPMI BNK MIEODAYD EN BNK861B 0
END
BKMI1
END
END
```

Step 4s	**Execute IEFBR14 to scratch the MIRPTJ file.**
Step 4	**Execute program MID340, Report Sort, to print the daily reports.**
Step 5s	**Execute IEFBR14 to scratch PRINTK file.**
Step 5	**Execute program MID350, Report Print, to print the daily reports.**

The following control card should be included:

```
0001410142
```

Step 6s	**Execute IEFBR14 to scratch the PRINTK file.**
Step 6	**Execute program MID360 to print the API Log records.**

The following control card should be included:

```
00bbbbbbbbbbbbbbbbbbbbbbbbbbbbbbb101
```

Step 7s	**Execute IEFBR14 to scratch the PRINTK and MIHSTS files.**
Step 7	**Execute program MID400 to create a sequential file from yesterday's history file.**

Step 8   **Delete all records from the history file. Execute an IDCAMS to delete and define the MIFHST file if using VSAM.**

                Execute BIS864B to delete history records if using DB2.

                The following control card should be included.

```
IPMI BNK INFOPNT EN BIS864B  0
END
OAL
END
```

Step 9   **Execute program MID410 to merge today's and yesterday's history file.**

                The following control card should be included:

                00ƀ01ƀ01ƀ1ƀƀƀV – For VSAM

                00ƀ01ƀ01ƀ1ƀƀƀN – For DB2

                [   ] – Check for a return code of '0'.

Panels

MICM panels are designed to allow easy data entry. In many cases, you can enter new information and maintain existing information using the same panel. If the panel is for inquiry only, all fields are protected.

There are 3 types of online panels in MICM:

Key Panels   Used to access a primary panel.

Primary Panels   Used to enter new data, maintain existing data, or display existing data.

Help Panels   Gives further information about the field or panel selected.

This chapter describes each type of panel. The panels are described in alphabetical order, according to the panel IDs. (A list of panel IDs can be found on the Primary Panel ID Table provided in this chapter.) For easy reference, field descriptions are listed in panel order according to the sample provided. Each primary panel contains the following information.

Purpose   Describes the purpose of the panel.

Sample   Shows a sample of each key panel and primary panel.

Field Descriptions   Contains a listing of all data fields that includes descriptions, values, protected fields, field level security numbers, and Token names.

In addition, this chapter includes information on the following.

■ Accessing Primary Panels
■ Function Keys
■ Format for Primary Panels
■ Format for Field Descriptions
■ Panel ID Table

Key Panels

Key panels prompt you to enter key parameter information. Entries in the key panel determine what is displayed on the primary panel. For example, the key panel for MICM Record 0020 has Function and Holding Company Number fields. These fields determine which Holding Company is displayed on the primary panel that follows. After entering data on the key panel, the primary panel returns with these key fields protected.

```
0020K    INFPOPR         Holding Company Information      0001  08-12-1998


 Enter the following key parameters:


  Function  . . . . . . n             B (Browse)
                                      C (Copy)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)
  Holding Co Nbr  . . . 0009




 Command===> 20
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

Sample Key Panel

Note: The key data information is included on the Primary Panel ID Table under Key Fields. The key panel varies depending on the online parameters required for the panel ID entered.

All key fields are required except in the browse mode. Type in the correct values and press [Enter].

The information you enter in the key panel displays in protected fields on the (primary) panel. Entries in the key panel determine what will display on the primary panel. For example, the key panel for a panel used for establishing or maintaining information has a Function field with a choice of **N** (new) or **M** (maintenance). Your entry of **N** or **M** determines which fields are required.

Enter **B** (browse) to browse an entire record beginning with the first record for the institution. Enter **B** (browse) *and* a holding company number to begin browsing a specific record or the record with the next highest value.

Primary Panels

Primary panels are used for adding new information or maintaining and/or inquiring on existing information. A sample of each primary panel and a description of each field on the panel are included in this chapter. In addition, refer to the Primary Panel ID Table in this chapter for a list of the panel IDs.

```
 0020      INFPOPR          Holding Company Information      0001  08-12-1998

                                                               Delete _

  Holding Co Nbr : 9


  Holding Co Name   SOUTH WESTON COMPANY
  Address One   . . 2600 MAITAND CENTER PARKWAY
  Address Two   . . SUITE 360
  Zip Code . . . . 32751 0260
  Postal Code   . . 1234567890






  Command===> 0020,N,9
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
  F14=Copy
```

Sample Primary Panel

Help Panels

MICM offers help panels at two levels:

- Panel-level help
- Field-level help

Panel-level Help

You can display panel-level help by pressing [F1] while the cursor is anywhere on the panel *except* on a field. For example, when a primary inquiry panel appears, the cursor is in the command line of the panel and you can press [F1] immediately. However, when a primary maintenance panel appears, the cursor is in the first enterable field. In this case, be sure to move the cursor out of the field before you press [F1]. Press [F12] or any key to exit the panel-level help.

A 6- or 7-character identification is displayed in the lower right corner of each help panel. This identification is also the Help SSFILE name.

Numeric Panel Names

In the following sample panel, the panel name is numeric. The identification displayed, *M2014H*, is made up of the following three areas:

- The first position indicates letter assignment for the application – *M* for MICM.

- The next 4 positions indicate the external name of the record – *2014* for MICM Record 2014.

- The last position is *H* for Help.

```
................................................................................
:               MICM Institution Parameters - Help                            :
:                                                                             :
: Record 2014.  MICM institution parameters contains information related to   :
: institution level online options.  These options pertain to sign-on,        :
: menu and logo display, and user-defined field literals.                     :
:                                                                             :
:                                                                             :
:                                                                             :
:                                                                             :
:   Key requirements.                                                         :
:                                                                             :
:     Function              1 Position                                        :
:                                                                             :
:                                                                             :
:                                                                             :
:                                                                             :
:                                                                             :
:                                                                             :
:                                                                             :
:     F12=Cancel                                              M2014H          :
................................................................................
```

Panel-level Help - Numeric

Non-numeric Panel
Names

If the panel name is not numeric as in MICM Panel MISOP, the identification
displayed, *MIVSOPH*, is made up of the following areas:

- The first 2 positions indicate the application letter assignment – *MI* for
  MICM.

- The third position is *V* for Map.

- The next 3 positions indicate the Application Management Table (AMT)
  record identification for the panel – *SOP* for MICM Record MISOP.

- The last position is *H* for Help.

```
:.........................................................................................:
:                          System and Security Options - Help                             :
: This panel is used to define and maintain the System and Security Options               :
: Record.                                                                                 :
:                                                                                         :
:                                                                                         :
:    Key requirements.                                                                    :
:                                                                                         :
:      Function             1 Position                                                     :
:                                                                                         :
:                                                                                         :
:                                                                                         :
:                                                                                         :
:                                                                                         :
:                                                                                         :
:                                                                                         :
:    F12=Cancel                                               MIVSOPH                      :
:.........................................................................................:
```

Panel-level Help – Non-numeric

Field-level Help

You can display field-level help by placing the cursor *on* the field value you want explained and pressing [F1]. The field-level help panel appears with a description of the field, and, if applicable, the valid entries for the field. Press [F12] or any key to exit the field-level help.

A 7-character identification is displayed in the lower right corner of each field-level help panel. In the following sample panel, the identification displayed is *M14050M*. It is made up of the following 3 areas:

■ The first 3 positions indicate the Application Management Table (AMT) record identification for the data in this field – *M14* for MICM Record 2014.

If the first 3 positions are *XXX*, this indicates a common field that does not have a corresponding field in the API records and is not defined in the AMT.

■ The next 3 positions indicate the field number assignment for the record – *050* for the SGON Bulletin field.

■ The last position is the letter assignment for the application – *M* for MICM.

Note: The SSFILE name for this field-level help is the identification prefixed with 'H': HM14050M.

```
 2014       ZERO            MICM Institution Parameters       0000  08-12-1998
          ...............................................................
          :                    Sign-on Bulletin Help                    : e _
          :                                                             :
  SGON    :  This is the key to an ASK INFOPOINT record.  This record is :
  SGON    :  displayed as a bulletin when signing-on.                   :
          :                                                             :
  Logo    :                                                             :
  Menu    :                                                             :
  Date    :                                                             :
  211 R   :                                                             :
  AMT F   :  F12=Cancel                                        M14050M  :
          ...............................................................




   Command===> 2014,M
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

Field-level Help

Accessing Primary Panels

There are three ways to access primary panels: menu access, command line access using the key panel, and command line access bypassing the key panel.

Menu Access

The following is an example of accessing a primary panel using the MICM Menu.

```
MENU      INFPOPR  Infopoint 5.1 Institution One (DEVA)        0001 08-12-1998

 Infopoint Applications Main Menu
            Panel ID          Panel Name
         1  ANMENU     Analysis Menu
         2  MIMICMA    Master Information and Control (All)

















 Command====> 2
 F1=Help  F3=Exit   F5=Refresh   F12=Cancel
```

MICM Menu

1. At the MICM Menu, tab to the panel you want to access and press [Enter], or type the panel number or panel ID (such as **MIAMTMM)** on the command line and press [Enter]. The MICM Master Menu appears.

```
MENU      INFPOPR  Infopoint 5.1 Institution One (DEVA)        0001 08-12-1998
                                                                       More:   +
Master Information and Control (All)
            Panel ID          Panel Name
         1  MIAMTTM    Application Management Maintenance
         2  MIASKINQ   MICM Ask Infopoint Inquiry
         3  MIASKUPD   MICM Ask Infopoint Update
         4  MICFL      Client/Server Field Language Table
         5  MICLD      Client/Server Logical Database Table
         6  MICRL      Client/Server Record Language Table
         7  MICSF      Client/Server Field Definition Table
         8  MICSK      Client/Server Key Definition Table
         9  MICSR      Client/Server Record Definition Table
        10  MIHST      Maintenance History
        11  MIHSTM     Maintenance History Maint
        12  MIMMAPM    Merge Mapping File Maintenance
        13  M10081     APPL Transaction code Information (Old)
        14  M10082     APPL Transaction code Information (Old)
        15  0020       Holding Company Information
        16  0021       Region Information

 Command====> MIAMTTM
 F1=Help  F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

MICM Master Menu

2. Tab to the appropriate panel and press [Enter], or type the panel number or panel ID (such as **MIAMTTM**) on the command line and press [Enter]. The key panel appears.

```
MIAMTTMK  INFPOPR   Application Management Table Maintenance  0001  08-12-1998


Record Code  . M00

Appl Code  . . M_

Function . . . M   (Enter (N)ew (M)aintain (D)elete (C)opy)









Command===> MIAMTTM,,,
F1=Help  F3=Exit  F4=Next  F11=Break  F12=Cancel
```

MIAMTTM Key Panel

3. Enter applicable key data on the key panel and press [Enter]. The primary panel appears.

```
MIAMTTM   INFPOPR         Application Management Table Maint  0001  08-12-1998
                                                                       More  +
Record Code    M00        Record Name Advertising Messages
Appl Code  . . M          User Program              Number Of Cards 11
API Appl Code  MI Rec O00 File DD Name    O00       Nbr Print Lines 10
Data Base Type A          Log Appl Id . . MI        Log Appl Rec Id OAJ
Valid Eff Date Y          Valid Model . . N         Valid Region    Y
Record Number  2000       File Opt Sub    24  Mgr 0 Record Function Y OI-Ctl
Field Number   2          Field Name  . . Institution Nbr
Entry Type . . I          Edit Format . . 6         Edit Code . . . 4
Field Length   4          Default Value             Decimal Pos . . 0
Edit Ctl Low              Edit Ctl High             Field Update    Y
Date Format               Help Name . . . HXXX002M  Non Default Cd  N
Field Id . . .            User's Code . .
                          Token Name  . . INST_NBR
Record Disp    1          Record Length   4
Card Number    0          Card Displace   9         Print Format    11
Head Line  . . 1          Head Displace   0
Print Line . . 1          Print Displace  0         Print Length    4

Command====>
F1=Help   F3=Exit  F4=Next  F5=Refresh  F8=Forward  F11=Break
F12=Cancel   F13=Select
```

MIAMTTM Primary Panel

Command Line
Access Using Key
Panel

1. Type **MIAMTTM** on the command line and press [Enter]. The key panel appears. (Refer to the sample provided above.)

2. Enter applicable key data on the key panel and press [Enter]. The primary panel appears. (Refer to the previous sample.)

Command Line
Access Bypassing Key
Panel

1. Type **MIAMTTM**, followed by the applicable key data on the command line. For example:

   MIAMTTM,M00,M,M

2. Press [Enter]. The primary panel appears. (Refer to the previous sample.)

Function Keys

MICM allows you to use function keys (PF keys, if present) to assist you in moving from panel to panel. Function keys can be used from most panels within the application. The function keys available for a panel display at the bottom of each panel.

You can enter either a function key or an alphanumeric value (word listed next to the key). Because the function keys that are standard for MICM could already be designated for some other purpose in your system, they can be customized to meet your needs.

The following alphanumeric values are defined for MICM. A standard MICM COBOL copybook (SRW710) is provided for you to change these alphanumeric values.

(F1) – Help   Display online help information for the current field or panel (determined by the cursor location).

(F2) – Begin   Update and return to the originating transaction. If a work unit name is present, load the work unit name into the next key area and return.

(F3) – Exit   Update and return to the MICM Menu. If the breakaway function is invoked, return to the original session.

(F4) – Next   Update and invoke the transaction specified from the command line. A change must be made on the command line to invoke the transaction.

(F5) – Refresh   Restore panel to original values prior to maintenance; retrieve previous command on the command line.

(F7) – Backward   Update and move back to the previous panel.

(F8) – Forward   Update and move ahead to the next panel.

(F9) – Edit   Edit the panel without updating and redisplay the panel.

(F10) – Actions   Display transactions authorized for operator.

(F11) – Break   Invoke the breakaway function.

(F12) – Cancel   Do not update; return to menu panel. From online help, return to the original panel.

(F12) – Break-Rtrn   If the breakaway function is invoked, return to the original session.

(F13) – Select   Return to selection panel or select a specific item based on cursor position.

(F14) – Copy   Update and copy current record. Use that record to create a new record. Can only use this function in the Browse mode or in a maintenance function on the key panel.

(F15) – Bottom   Do not update; display the last panel of the last record.

(F16) – Sp   AMT field display is based on MICM Record 2014 option.

(F17) – (F24) - Transaction- defined   Function determined by the application. Refer to specific transaction for usage.

PA1 – PA2   Function determined by user.

(Enter) – Enter   Update and go to the next panel.

(Clear) – Exit   *Do not* update; return to the menu panel, or if at the menu panel, clear to a blank screen.

Format for Primary Panels

Most panels consist of 4 areas:

1. The first area of the panel contains the panel ID, operator ID, panel title, institution number, and current date. The second line may contain the indicator **MORE - +** at the right side of the panel. When there are additional panels of information to view, a plus (+) appears after the word MORE. Use either [Enter] or [F8] to page forward. Likewise, a minus (-) next to the MORE indicates there are no further panels to view. Use [F7] to page backward.

2. The second area consists of key information required by the application.

3. The third area consists of the remaining field headings and associated data. The area is unprotected, except on inquiry panels. Some fields are required, while others are optional. Most optional numeric fields default to zeros; optional alphanumeric fields default to spaces.

4. The fourth area consists of the message line, command line, and function keys generated by the application.

When the application finds an error, it highlights the associated field, the cursor moves to the first field containing an error, and an error message appears on the message line. For example, a field is incorrect if it is defined as numeric but was entered as a nonnumeric character, or if the input data does not correspond to the information in the table used for verification. A key field returns an error if you attempt to create a transaction for an existing record or if you try to update a transaction for a record that does not exist. Refer to the individual key field descriptions for other error possibilities.

Format for Field Descriptions

The documentation associated with each panel shows field names in panel order along with descriptions and valid entries. Field requirements, shown in italics after each field description, provide the following information:

■   Whether the field is alphanumeric or numeric

■   The maximum number of positions of the field

■   Whether the field is protected

Note: All fields can be edited with the exception of protected fields which are displayed with a colon following the field name. A protected field indicates an entry is supplied by the application.

The default values can be changed through the Application Management Table (AMT). If you would like a list of the default values supplied with the application, refer to the AMT for the record.

■   The field level security (FLS) identification.

Note: The information following the *FLS* on the field requirements line is part of the key necessary to adjust security. For more information about field level security, see the section Establishing Field Level Security in the Procedures chapter of this guide. The FLS identification is made up of the following 2 areas:

Record ID   The first 3 characters indicate the source or destination record of the data in that field.

Token Name   The following characters are the token name for that field. This is the name used by the data management system that controls the record.

Primary Panel ID Table

The table below lists the primary panel IDs and key fields that allow you to access the panels for MICM. Online transactions are listed alphabetically according to the panel ID. If your data center has changed the panel IDs, write them in the (user-defined) space provided.

Note: The internal transaction code for all primary panels is MI00.

Panel ID	Panel Name	Key Fields	User-defined
0020	Holding Company Information	Holding Company Number	
0021	Region Information	Region Number	
0120	SuperMICR II On-us Institution Parameters	None	
0124	SuperMICR II Application Sort Table	MICR Type, Routing-transit Number	
0134	SuperMICR II Transit Sort Table	MICR Type, Routing-transit Number	
0211	Application Information	Internal Application Number	
0231	Application Edit Table	Application Number, Table Number, Account Type, Extension Number	
0233	Regulation CC Institution Notice	Process Manager, Application Number, Report Number, Language Code	
0234	Federal Withholding Information	Application Number	
0236	Federal Holidays	Federal Year	
0237	Program Interface Parameters	Process Manager, Internal Application Number	
0239	Multisort Interface	Cycle Manager, Cycle Number	
0242	Employee Information	Officer Identification	

Panel ID	Panel Name	Key Fields	User-defined
0244	General Ledger Interface	Application Number, Accumulator Number, Branch Number, Account Type	
0245	General Ledger Interface	Processing Manager, Application Number, Accumulator Number, Branch Number, Account Type	
0248	Cost Center Information	Cost Center, Language Code	
0301	Application System Option Flags	Application Number	
0307	Application System Report Flags	Application Number, Record Number	
0316	Source Code Description	Source Code, Language Code	
0320	Deposits Fund Name and Address	Fund Number	
0322	Deposits Fund Sweeping Destination Information	Destination Number	
0323	Deposits Fund Sweeping Institution Information	None	
0324	Deposits Fund Sweeping Fund Information	Fund Number	
0390	Regulation CC Institution Parameters	None	
0391	EFAS Type Processing Parameters 1	Application Number, Account Type	
0392	EFAS Type Processing Parameters 2	Application Number, Account Type	

Panel ID	Panel Name	Key Fields	User-defined
0393	EFAS Type Processing Parameters 3	Application Number, Account Type	
0394	EFAS Type Processing Parameters 4	Application Number, Account Type	
0395	Regulation CC Exception Description	Reason Code	
0404	Online Abort Messages	Abort Code, Language Code	
0980	Customer Name and Address	Last Name, First Initial, Middle Initial, Tie Breaker	
0982	Customer Alternate Name and Address	Last Name, First Initial, Middle Initial, Tie Breaker	
0984	Application Alternate Name and Address	Application Number, Account Number	
0986	Customer Statistical Information	Last Name, First Initial, Middle Initial, Tie Breaker	
0988	Customer Business Information	Last Name, First Initial, Middle Initial, Tie Breaker	
1001	Institution Information	None	
1003	Type Information	Application Number, Account Type, Language Code	
1004	Code Description	Application Number, Key/Browse Code, Language Code	
1005	Table Information	Table Number, Extension	
1006	Error Message Information	Application Number, Form Number, Error Number, Language Code	
1007	POD On-us Processing Parameters	None	

Panel ID	Panel Name	Key Fields	User-defined
1008	Application Transaction Code Information	Application Number	
2000	Advertising Messages	Region Number, Application Number, Account Type, Language Code, Effective Date	
2001	Branch Information	Branch Number	
2002	Index Rate Record	Index Number, Effective Date	
2005	Cycles Information	System Number, Month Number	
2006	Account Verification Formulas	Routine Number	
2007	Application Scheduled Report Options	Application Number, Report Number, Version, Effective Date, Model Number	
2008	Address Mailing Parameters	ZIP Code Number, ZIP Code Extension	
2009	Address Mailing Parameters Postal	Postal Code	
2011	Online and Batch Messages	Manager Number, Message Number, Language Code	
2012	Online Key Structures	Key Parameter Number	
2013	Transaction Code Parameters	Application Number, Transaction Code	
2014	MICM Institution Parameters	None	
2015	Index Rate Record	Index Number, Effective Date	
2016	Alternate Institution Information	Alternate Identification, Effective Date	
2017	Maintenance History Parameters	Manager Number, Application Record	
2018	Currency Information	Currency Code	

Panel ID	Panel Name	Key Fields	User-defined
2019	Currency Conversion Information	Table Code, Currency Code	
2020	Currency Exchange Rate	Table Code, Currency To, Currency From, Effective Date	
2021	Institution Holidays	Holiday Year	
2022	Language Table	Language Code	
2023	Product Code Information	Function, Product Code	
2024	Institution Groups	Function, Application Number, Group Institution Number, Access Institution Number	
2025	Alert Code Information	Function, Alert Code, Language	
2026	TSQ Management	Function, Application TSQ	
4005	Mapper File Directory	Institution Number, Application Code, Operator Identification	
7000	Relationship CIF Translation Field Table	None	
7001	Translation Tables	Application Code, Record Identification, Field Number, Language Code, Sequence Number	
MIAMTTM	Application Management Table Maintenance	Record Code, Application Code	
MIASKINQ	Ask Infopoint Inquiry	Keyword Type, Keyword	
MIASKUPD	Ask Infopoint New or Maintenance	Keyword	
MIBMTABL	Build MICM Temporary Storage Table	Function	
MICFL	Field Language Table	Record Identification, Amount Application Identification, Field Name, Language Code	

Panel ID	Panel Name	Key Fields	User-defined
MICLD	Logical Database Table	Logical Database Name, Organization ID	
MICRL	Record Language Table	Record Identification, Amount Application Identification, Language Code	
MICSF	Field Definition Table	Record Identification, Amount Application Identification, Token Name	
MICSK	Key Definition Table	Record Identification, Amount Application Code, Key Type, Token Name, Key Field Order	
MICSR	Record Definition Table	Record Identification, Amount Application Identification	
MIHISTM	Maintenance History Maintenance	Manager Number, Application Record, Record Key, Maintenance Date, Maintenance Time, Tie Breaker, Record Code	
MIHST	Maintenance History	Manager Name, Application Record, Starting Record Key, Ending Record Key	
MIIRD	IQ Request Definition	Function, Request ID, AMT Application ID, Record ID	
MIMMAPM	Merge Mapping File Maintenance	Language Code, Line Number, Panel Name, Record Code, Application Code, Map Type Code	
MIMUD	Menu Definition	Menu ID, Transaction Identification Sequence, Transaction Identification	
MIOPA	Operator Authorization	Operator Identification, Operator Institution	
MIOPP	Operator Profile Authorization	Operator Identification, Operator Institution, Profile Sequence, Profile Identification, Profile Type	

Panel ID	Panel Name	Key Fields	User-defined
MIOPR	Operator Record	Operator Identification	
MIORA	Operator Record Authorization	Profile Identification, Record Identification, Amount Application Identification, Field Name, Record Sequence	
MIORG	Organization Definition	Organization Identification, Product Code	
MIPRD	Profile Resource Definition	Profile Identification, Transaction Identification, Application Code	
MIPRO	Profile Definition	Profile Identification	
MIRDC	Resource Description	Resource Identification	
MIRDMLST	IQ Request Definition Listing	Request ID, AMT Application Code, AMT Record Code	
MIRLN	Resource Description Language	Resource Identification, Language Code	
MISOP	System and Security Options	None	
MITDF	Transaction Definition	Transaction Identification	
MIWKU	Work Unit Definition	Work Unit Identification, Work Unit Sequence, Transaction Identification	

The table below lists the primary panel IDs', descriptions, internal transaction codes and preset key parameter number.

Panel ID	Panel Name	Internal Tran Code	Key Fields	User-defined
CHNG	Change Institution	SL110	Alternate Institution	
MENU	Menu	MI00	None	
MIFM	Form Number Key	MI00	None	
MIHS	Host Data Transfer Function Message Simulator	MIHS	None	

Panel ID	Panel Name	Internal Tran Code	Key Fields	User-defined
SGOF	Signoff	MI00	None	
SGON	Infopoint Sign On/Change	MI00	Operator Identification, Password	

Note: Transaction IDs SGON, SGOF, MENU, CMNG, INPT and MIFM are restricted for MICM use only. If it is necessary to modify, use MIPRO as well as SLW003.

Online Access Menus

During online access you are required to enter information on several menus. These menus use four external transaction codes: SGON, MENU, CHNG, and SGOF.

SGON – Infopoint Sign On Institution

Purpose

This panel appears immediately after the signon external transaction code is entered. The information entered to this panel is required to sign on an operator to the system.

```
SGON                      Infopoint Sign On/Change Institution


 Operator ID . . . . . . . . _____
 Password  . . . . . . . . .
 Institution . . . . . . . . ____      (Optional)








 Command====>
 F1=Help   F3=Exit   F12=Cancel
```

SGON – Infopoint Sign On Institution

Field Descriptions

Operator ID

Operator Identification Code. This ID is used as the Primary Key for the Operator, Operator Authorization, Operator Profile Authorization and Operator Record Authorization Records.
Alphanumeric, 8 positions.

Password

Operator Password. This is a user defined password used by the system to verify an operator ID before being allowed to continue using the system.

Note: For security reasons, entry made to this field does not appear on the panel.

Alphanumeric, 8 positions.

Institution

Alternate Institution Number. If not signing on to your primary institution, enter a different institution number.
Numeric, 4 positions.

MENU – Infopoint 5.1 Institution One

Purpose

This panel is displayed upon selecting Security from the main menu submenu immediately after the signon is completed. This panel can be bypassed by using the [F4] option. To terminate the menu panel, sign off, press [F12] or press [Clear] while the menu panel is displayed.

Note: The display of this panel can be eliminated by the institution or operator, if necessary. For further information on how to eliminate menus, refer to the description of MICM Record 2014 (Menu Flag) or the Operator Record (MIOPR).

This panel is used to set up the Operator Transaction Selection Menus. The data displayed on these menus appears exactly as entered on this panel. Up to 16 separate Panel IDs can be entered on this panel.

```
MENU      INFPOPR  Infopoint 5.1 Institution One           0001 10-17-1999
                                                                  More:   +
  Master Information and Control (All)
              Panel ID           Panel Name
           1  MIAMTTM    Application Management Maintenance
           2  MIASKINQ   MICM Ask Infopoint Inquiry
           3  MIASKUPD   MICM Ask Infopoint Update
           4  MICFL      Field Language Table
           5  MICLD      Logical Database Table
           6  MICRL      Record Language Table
           7  MICSF      Field Definition Table
           8  MICSK      Key Definition Table
           9  MICSR      Record Definition Table
          10  MIHST      Maintenance History
          11  MIHSTM     Maintenance History Maint
          12  MIMMAPM    Merge Mapping
          13  0020       Holding Company Information
          14  0021       Region Information
          15  0120       POD On-Us Processing Parameters
          16  0124       POD On-Us Appl Rt Sort Table

  Command====>
  F1=Help   F3=Exit   F5=Refresh   F8=Forward   F12=Cancel
```

MENU – Infopoint 5.1 Institution One

CHNG – Infopoint Change Institution

Purpose
This panel is used to designate an alternate institution.

```
SGON                    Infopoint Sign On/Change Institution



 Institution . . . . . . . . ____











 000099  Please enter new institution number.
 Command====>
 F1=Help   F3=Exit   F12=Cancel
```

CHNG – Infopoint Change Institution

Note: To bypass this panel and go directly to the new institution, enter **CHNG** and the institution number (e.g., CHNG,2).

Field Descriptions

Institution
Alternate Institution Number. If not signing on to your primary institution, enter a different institution number.

Note: An operator must have security to access an alternate institution. This security is established through the MIOPR panel by specifying an alternate institution for the operator.

Numeric, 4 positions.

SGOF – Sign Off

1. At either the command line of the menu panel or a native CICS screen, type **SGOF** and press [Enter]. The logo panel appears with the message SIGN OFF COMPLETED displayed at the top.

2. Press [Clear] to return to native CICS.

Panel Descriptions

This section describes the key and primary panels in numeric and alphabetical order, according to the panel ID. In addition, a sample of each panel is provided.

0020 – Holding Company Information

Purpose

This panel is used for adding new or maintaining existing holding company information. This information is then used to generate reports for the holding company.

Key Panel

```
0020K     INFPOPR        Holding Company Information        0001  08-12-1998

 Enter the following key parameters:


   Function  . . . . . . n               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Holding Co Nbr  . . . 0009





 Command===> 20
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0020 – Holding Company Information

Field Descriptions

Function

Function Code. Valid entries are:

- **ƀ** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Holding Co Nbr

Holding Company Number. Number assigned to the holding company. Must be greater than zero.
Numeric, 4 positions, FLS O50 HOLDING_CO_NBR.

Primary Panel

```
  0020      INFPOPR          Holding Company Information      0001  08-12-1998

                                                                  Delete _

          Holding Co Nbr : 9


          Holding Co Name   SOUTH WESTON COMPANY
          Address One  . .  2600 MAITAND CENTER PARKWAY
          Address Two  . .  SUITE 360
          Zip Code . . . .  32751 0260
          Postal Code  . .  1234567890






          Command===> 0020,N,9
          F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0020 – Holding Company Information

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                          file. Valid entries are:
                          ҍ   Keep this record.
                          D   Delete this record.
                          Alphanumeric, 1 position, FLS O50.

Holding Co Name   Holding Company Name. Complete name as it appears on the correspondence.
                          Alphanumeric, 45 positions, 1 time, FLS O50 NAME.

Address One   Holding Company Address 1. Address line one.
                          Alphanumeric, 40 positions, 1 time, FLS O50 ADDRESS_1.

Address Two   Holding Company Address 2. Address line two.
                          Alphanumeric, 40 positions, 1 time, FLS O50 ADDRESS_2.

Zip Code   ZIP Code. This field is left-justified. Zeros must be entered in unused positions.
                          Numeric, 5 positions, FLS O50 ZIP_CODE.

(Zip Code Extension)   ZIP Code Extension. This field is left-justified and zeros must be entered in
                          unused positions.
                          Numeric, 4 positions, FLS O50 ZIP_EXTN.

Postal Code   Holding Company Postal Code. Postal code, if foreign, can be any value,
                          including spaces. Refer to the U.S. Postal ZIP Code Directory for the proper
                          format of Canadian postal codes.
                          Alphanumeric, 10 positions, FLS O50 POSTAL_CODE.

0021 – Region Information

Purpose

This panel is used for adding new or maintaining existing region information. This information is used when reports are sorted by regions.

Key Panel

```
0021K    INFPOPR            Region Information          0001  08-12-1998



    Enter the following key parameters:


      Function  . . . . . . n              B (Browse)
                                           C (Copy)
                                           D (Delete)
                                           M (Maintenance)
                                           N (New)
                                           Space (Inquiry only)

      Region  . . . . . . . 009            (000 - 999)




    Command===> 21
    F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0021 – Region Information

Field Descriptions

Function

Function Code. Valid entries are:
   b   Inquiry only.
   B   Browse.
   C   Copy.
   D   Delete.
   M   Maintenance.
   N   New.
Alphanumeric, 1 position.

Region

Region. Number assigned to this region. Must be greater than zero.
Numeric, 3 positions, FLS O51 REGION_NBR.

Primary Panel

```
┌─────────────────────────────────────────────────────────────────────┐
│  0021      INFPOPR              Region Information       0001  08-12-1998 │
│                                                           Delete _     │
│                                                                       │
│         Region . . . . . 9                                            │
│                                                                       │
│         Region Name  . . South Side Region_____ │
│         Address One  . . 123 South Street_____ │
│         Address Two  . . Building 123_____ │
│         Zip Code . . . . 12345 1234                                   │
│         Postal Code      2345678901                                   │
│                                                                       │
│                                                                       │
│                                                                       │
│                                                                       │
│                                                                       │
│                                                                       │
│         Command===> 0021,N,9                                          │
│         F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select │
│                                                                       │
└─────────────────────────────────────────────────────────────────────┘
```

0021 – Region Information

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
    b Keep this record.
    D Delete this record.
Alphanumeric, 1 position, FLS O51.

Region Name   Region Name. Complete name as it appears on correspondence.
Alphanumeric, 45 positions, FLS O51 NAME.

Address One   Region Address 1. Address line one.
Alphanumeric, 40 positions, FLS O51 ADDRESS_1.

Address Two   Region Address 2. Address line two.
Alphanumeric, 40 positions, FLS O51 ADDRESS_2.

Zip Code   ZIP Code. This field is left-justified and zeros must be entered in unused positions.
Numeric, 5 positions, FLS O51 ZIP_CODE.

(Zip Code Extension)   ZIP Code Extension. This field is left-justified and zeros must be entered in unused positions.
Numeric, 4 positions, FLS O51 ZIP_EXTN.

Postal Code   Region Postal Code. Postal code, if foreign, can be any value, including spaces.
                            Refer to the U.S. Postal Service ZIP Code Directory for the proper format of
                            Canadian postal codes.
                            Alphanumeric, 10 positions, FLS O51 POSTAL_CODE.

0120 – SuperMICR II On-us Institution Parameters

Purpose   This panel is used for adding new or maintaining existing SuperMICR II on-us institution parameter information. Only one record per institution is created for this panel. This information controls the handling of the institution's on-us items and establishes certain system wide parameters used by SuperMICR II. This panel is also used by other applications for capturing monetary transactions.

Key Panel

```
0120K     INFPOPR   SuperMICR On-us Institution Parameters     0001  08-12-1998


Enter the following key parameters:


  Function  . . . . . . n                   B (Browse)
                                            D (Delete)
                                            M (Maintenance)
                                            N (New)
                                            Space (Inquiry only)








Command===> 120
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0120 – SuperMICR II On-us Institution Parameters

Field Descriptions

Function   Function Code. Valid entries are:
                         ƀ   Inquiry only.
                         B   Browse.
                         D   Delete.
                         M   Maintenance.
                         N   New.
                       Alphanumeric, 1 position.

Primary Panel

```
 0120 INFPOPR    SuperMICR II On-us Institution Parameters 0001     08-12-1998


                                                           Delete
 Dr or Cr First   C        Commingle Bank   N         Generic Bank . . 0
 Default R/T . . 5555-5555 Sightdraft R/T   1111-1111
 Canadian R/T . . 9999-9999 Item Reject Adj  .000
 Hi-Order Option  N        Hi Zero Digits   01        Bundle Size  . . 1
 DDA Appl Number  01       Cash Appl Nbr    02        Transit Appl Nb 10
 Goverment R/T    88888888 Symbol Err Opt   N         Transit Delete  N
 Cut-off Time . . 2        Reject Limit . . 1         GL Appl Number  3
 GL Item Desc . . N        Count Control    N         Prop Teller Nbr N

 Symbol Error Correction   7 6 5 4 3 2 1
                           N N N N N N N

                           1 2 3 4 5 6 7
 Reg Sort Patterns  . . . . 1 1 1 1 1 1 1
 Alt Sort Patterns  . . . . 1 1 1 1 1 1 1



 Command===> 0120,N
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0120 – SuperMICR II On-us Institution Parameters

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	ƀ Keep this record.
	D Delete this record.
	Alphanumeric, 1 position, FLS O52.
Dr or Cr First	Debit/Credit First Indicator. Indicates the order that items are captured. Valid entries are:
	C Credit first.
	D Debit first.
	Alphanumeric, 1 position, FLS O52 DR_CR_FIRST.
Commingle Bank	Commingle Institution Indicator. Determines if the institution is a commingled institution. Valid entries are:
	N Not a commingled institution.
	Y Commingled institution.
	Alphanumeric, 1 position, FLS O52 INST_COMM_IND.
Generic Bank	Generic Institution Number.
	Numeric, 3 positions, FLS O52 GEN_INST_NBR.
Default R/T	Default Routing-transit Number. Number that is used when the routing-transit number is missing from the document. Zeros indicate not used.
	Numeric, 8 positions, FLS O52 DEFAULT_ROUTE.

Sightdraft R/T	Sight Draft Routing-transit Number. Number that is used for sight drafts. Zeros indicate not used. *Numeric, 8 positions, FLS O52 ROUTE_NUMBER.*
Canadian R/T	Canadian Routing-transit Number. Number that is used for items routed to Canada. Zeros indicate not used. *Numeric, 8 positions, FLS O52 CA_ROUTE_NBR.*
Item Reject Adj	Reject Re-entry Item Adjustment. Amount added to POD-ITEMCOST during reject re-entry. *Numeric, 5 positions, FLS O52 REJ_ENTRY_ADJ.*
Hi-Order Option	Hi-order Zero Option. Indicates whether the hi-order zero correction feature is to be invoked. Valid entries are: **N** Do not perform hi-order zero correction. **Y** Perform hi-order zero correction. *Alphanumeric, 1 position, FLS O52 HI_ORDER_ZERO_O.*
Hi Zero Digits	Hi-order Zero Correction Digits. Number which corresponds to the number of high-order positions of an amount field (field 1 of the document) that can be changed from a digit error to zero. *Numeric, 2 positions, FLS O52 HI_ORDER_CORR_D.*
Bundle Size	Transit Bundle Size. Number of items contained in a transit bundle. Valid entries are **001 – 400**. *Numeric, 3 positions, FLS O52 TRAN_BUNDLE.*
DDA Appl Number	Demand Deposit Application Number. Number been assigned to designate a Demand Deposit system. It must be greater than zero. The Demand Deposit system number is **01**. *Numeric, 2 positions, FLS O52 DDA_APPL_NBR.*
Cash Appl Nbr	Teller Cash System Number. Number assigned to designate a teller cash system. Valid entries are **00 – 99**. Application numbers **90 – 99** are reserved for system use and cannot be used. **00** indicates not used. *Numeric, 2 positions, FLS O52 TELLER_CASH_NBR.*
Transit Appl Nb	Transit System Number. Number assigned to designate a transit application. Valid entries are **00 – 99**. Application numbers **90 – 99** are reserved for system use and cannot be used. **00** indicates not used. *Numeric, 2 positions, FLS O52 TRAN_SYS_NBR.*
Goverment R/T	Government Routing-transit Number. Surrogate routing-transit number used for sorting expired government checks. *Alphanumeric, 8 positions, FLS O52 GOVT_RT_NBR.*

Symbol Err Opt | Symbol Error Correction Option. Indicates whether the symbol error correction feature is to be invoked. Valid entries are:
  N Do not perform symbol error correction.
  Y Perform symbol error correction.
Alphanumeric, 1 position, FLS O52 SYMBOL_OPT.

Transit Delete | Delete Transit Items. Valid entries are:
  N Do not allow the deletion of transit items that have been captured and printed on cash letters. If not using the option to print selected cash letters, it is assumed that any transit item that did not reject was printed on a cash letter.
  Y Allow the deletion of transit items that have been captured and printed on cash letters.
Alphanumeric, 1 position, FLS O52 DELETE_ITEM.

Cut-off Time | Cutoff Time. After this time, the alternate sort pattern is used. Enter this field in military time format (e.g., 2 P.M. equals 1400 hrs). Valid entries are **0001 – 2400**. Minutes cannot be greater than **59**.
Numeric, 4 positions, FLS O52 CUTOFF_TIME.

Reject Limit | Reject Limit. Number of consecutive MICR rejects before the MICR sorter stops. Valid entries are **000 – 999**. **000** indicates not used.
Numeric, 3 positions, FLS O52 REJECT_LIMIT.

GL Appl Number | General Ledger Application Number. Number associated with the General Ledger account to be used.
Numeric, 2 positions, FLS O52 GL_SYS_NBR.

GL Item Desc | General Ledger Item Description. Valid entries are:
  N Do not reserve a description record for General Ledger items.
  Y Reserve a description record for General Ledger items.
Alphanumeric, 1 position, FLS O52 GL_ITEM_DESC.

Count Control | Count Control Documents. Field used for microfilm sequencing. Valid entries are:
  N Do not include a control document when microfilm sequencing.
  Y Include a control document when microfilm sequencing.
Alphanumeric, 1 position, FLS O52 COUNT_CNTL_DOC.

Prop Teller Nbr | Propagate Teller Number to Cash Items. Valid entries are:
  N Do not allow cash application items to be accepted without having an account number.
  Y Allow cash application items to be accepted without having an account number.
Alphanumeric, 1 position, FLS O52 PROP_TELLER_NBR.

Symbol Error Correction	Symbol Error Correction 1 – 7. Each position corresponds to a pre-defined field on the document (right to left). Each position indicates whether that particular field is a candidate for error correction. Valid entries are:

    N   This field is not a candidate for error correction.

    Y   This field is a candidate for error correction.

Alphanumeric, 1 position, 7 times, FLS O52 SYMBOL_ERROR_1-7.

Reg Sort Patterns	Sort Pattern Pointers. Each position corresponds to a particular day of the week, Sunday through Saturday. Valid entries for each sort pattern are **1 – 9**.

Numeric, 1 position, 7 times, FLS O52 SORT_PATTERN_1-7.

Alt Sort Patterns	Alternate Sort Pattern Pointers. Each position corresponds to a particular day of the week, Sunday through Saturday. These sort patterns are used after the cut-off time has elapsed. Valid entries for each alternate sort pattern are **1 – 9**.

Numeric, 1 position, 7 times, FLS O52 ALT_PATTERN_1-7.

0124 – SuperMICR II Application Sort Table

Purpose   This panel is used for adding new or maintaining existing SuperMICR II application sort table information. This information indicates to SuperMICR II how it should process items for the various applications.

Key Panel

```
0124K     INFPOPR     SuperMICR II Application Sort Table     0001  08-12-1998


 Enter the following key parameters:


  Function  . . . . . . n              B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)


  MICR Type . . . . . . 1

  R/T Number  . . . . . 55555555



Command===> 124
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0124 – SuperMICR II Application Sort Table

Field Descriptions

Function   Function Code. Valid entries are:
    ƀ Inquiry only.
    B Browse.
    C Copy.
    D Delete.
    M Maintenance.
    N New.
Alphanumeric, 1 position, FLS 053.

MICR Type   MICR Type. Code indicating the type of MICR Document Processor used for SuperMICR II. Valid entries are:
    1 1419 Document Processor.
    2 3890 Document Processor.
    3 3694 Document Processor.
Numeric, 1 position, FLS O53 MICR_TYPE.

R/T Number

Routing Transit Number. The user-defined number of the routing transit. It is recommended that on-us items begin with the digit **5** in the first position.
Numeric, 8 positions, FLS O53 ROUTE_NUMBER.

Primary Panel

```
 0124      INFPOPR    SuperMICR II Application Sort Table   0001  08-12-1998

                                                           Delete
 MICR Type  . . . 1         R/T Number . . . 55555555

 Kill Pass  . . . 01        Target Bank  . . 0000      Appl Number  . . 01
 Doc Type . . . . 01        Range Opt  . . . N         Sight Opt  . . . N
 TC Table . . . . 00        TC Field . . . . 0         TC Position  . . 00
 TC Length  . . . 0
 SN Field . . . . 0         SN Position  . . 00        SN Length  . . . 0
 Acct Length  . . 00        Acct Rtn . . . . 00        Lrg Dr Pkt . . . A
 Lrg Cr Pkt . . . B         Lrg Amount . . . 0
 Item Int Cd  . . N         Item Type  . . . 00        Item Cost  . . . .000

 Pass Number     1  2  3  4  5  6  7  8  9
 Kill Pocket  . . 9  9  9  9  9  9  9  9  9
 Rehandle Pkt . . 8  8  8  8  8  8  8  8
 Credit Pocket    7  7  7  7  7  7  7  7  7



 Command===> 0124,N,1,55555555
 F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

0124 – SuperMICR II Application Sort Table

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
- **ƀ**   Keep this record.
- **D**   Delete this record.

Alphanumeric, 1 position, FLS O53.

Kill Pass

Kill Pass Number. Number indicating the pass on which items are to be killed. Valid entries are **01 – 99**.
Numeric, 2 positions, FLS O53 KILL_PASS_NBR.

Target Bank

Target Institution Number. Number of the institution targeted for the final destination of items. Field is required for commingled institutions. Zeros indicate that the Capture File institution is to be used.
Numeric, 4 positions, FLS O53 TARGET_NUMBER.

Appl Number

Application Number. Number to which this information applies. Valid entries are **01 – 99**. Application numbers **90 – 99** are reserved for system use and cannot be used.
Numeric, 2 positions, FLS O53 APPL_NBR.

Doc Type | Document Type. Number indicating the type of document. Codes **01 – 09** are identified as control documents. Codes **10 – 19** are identified as on-us documents. Valid entries are:

01	Block document.
02	Batch document.
03	Separator.
04	End of pass.
05	Rehandle tracer.
06	Jam control.
07	Source of input.
08	Film resequence.
09	Teller.
10	Application recognized by routing transit.
11	Application recognized by transaction code. There must be a MICM Record 0127 defined.
12	Application recognized by account number. There must be a MICM Record 0125 defined.
13	Reserved.
14	Reserved.
15	Reserved.
16	Reserved.
17	Reserved.
18	Reserved.
19	Reserved.

Numeric, 2 positions, FLS 053, DOC_TYPE.

Range Opt | Range Option. Indicates whether a range is used to determine if the routing-transit number on the document is valid. Valid entries are:

N Do not use the range option.
Y Use the range option.

Alphanumeric, 1 position, FLS O53 RANGE_OPT.

Sight Opt | Sight Draft Option. Indicates whether to use sight draft when validating the document. Valid entries are:

N Do not use sight draft.
Y Use sight draft.

Alphanumeric, 1 position, FLS O53 CHECK_OPTION.

Transaction Code

This information identifies the transaction and its attributes for verification. This information is not applicable for control documents.

TC Table | Transaction Code Table Number. Number of the corresponding transaction table used for transaction verification as defined on MICM Record 0130. Zeros indicate a control document.
Numeric, 2 positions, FLS O53 TRANS_CODE_NBR.

TC Field	Transaction Code Field Location. Number indicating the field location of the transaction code on the document. Valid entries are:

        0   Not applicable.
        2   Process control.
        3   Account number.
        4   Optional field 4.
        5   Routing Transit.
        6   Optional field 6.
Numeric, 1 position, FLS O53 TRAN_CODE_FIELD.

TC Position Transaction Code Position. First position number of the transaction code on the document. Valid entries are **00 – 16**. **00** indicates not applicable.
Numeric, 2 positions, FLS O53 TRAN_CODE_LOC.

TC Length Transaction Code Length. Length of the transaction code on the document. Valid entries are **0 – 4**. **0** indicates not applicable.
Numeric, 1 position, FLS O53 CODE_LENGTH.

Serial Number

This information identifies the serial number and its attributes for verification of alternate or secondary serial numbers.

SN Field Serial Number Field Location. Number indicating the field location of the serial number on the document. This only applies to documents whose serial number is not located in Field 7. Valid entries are:

        0   Not applicable.
        2   Process control.
        3   Account number.
        4   Optional field 4.
        6   Optional field 6.
Numeric, 1 position, FLS O53 SERIAL_NUMBER.

SN Position Serial Number Position. Beginning position number of the secondary serial number on the document. Valid entries are **00 – 16**. **00** indicates not applicable.
Numeric, 2 positions, FLS O53 SERIAL_POSITN.

SN Length Serial Number Length. Length of the secondary serial number on the document. Valid entries are **0 – 9**. **0** indicates not applicable.
Numeric, 1 position, FLS O53 SERIAL_LENGTH.

Account Number

This information identifies the account number and its attributes for verification.

Acct Length

Account Number Length. Length of the account number on the document. Valid entries are **00 – 16**. **00** indicates not applicable.
Numeric, 2 positions, FLS O53 ACCT_LENGTH.

Acct Rtn

Account Number Verification Routine. Number of the routine used to verify the account number as defined on MICM Record 0126. **00** indicates not used.
Numeric, 2 positions, FLS O53 ACCT_NUM_ROUTE.

Large Item

This information determines how SuperMICR II handles large on-us items.

Lrg Dr Pkt

Large Item Debit Pocket. Designates where the documents are sorted for large items identified as debits. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
0 – 9

MICR Type 2 (3890)
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
01 – 24
Alphanumeric, 2 positions, FLS O53 LARGE_DEBIT.

Lrg Cr Pkt

Large Item Credit Pocket. Designates where the documents are sorted for large items identified as credits. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
0 – 9

MICR Type 2 (3890)
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
01 – 24
Alphanumeric, 2 positions, FLS O53 LARGE_CREDIT.

Lrg Amount	Large Item Amount. Amount used to determine when items are considered large amounts. If the item is equal to or greater than this amount, the item is automatically sorted to either the large item debit pocket or to the large item credit pocket, depending on whether it is a debit or credit. The amount is expressed in whole dollars. *Numeric, 9 positions, FLS O53 LARGE_AMOUNT.*
Item Int Cd	Item Intercept Code. Valid entries are: **I** This item is being intercepted by this institution for another institution. **N** This item is not being intercepted by this institution for another institution. *Alphanumeric, 1 position, FLS O53 ITEM_CODE.*
Item Type	On-us Item Type. Field contains the item type for an on-us item. Zeros are allowed. *Numeric, 2 positions, FLS O53 ITEM_TYPE.*
Item Cost	On-us Item Cost. Field contains the processing cost for an on-us item. *Numeric, 5 positions, FLS O53 ITEM_COST.*

Sort Tables 1-9

Sort table 1-9 establishes nine different sort patterns for document sorting. Each sort table consists of the debit kill pocket, rehandle pocket, and credit kill pocket.

Pass Number	Pass Numbers 1-9.
Kill Pocket	Sort Kill Pocket. Pocket designated to collect debit items that are to be killed on the final pass. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
0 – 9

MICR Type 2 (3890)
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
01 – 24
Alphanumeric, 2 positions, FLS O53 SORT_KILL_1-9.

Rehandle Pkt Sort Rehandle Pocket. Pocket designated to collect items that are to be rehandled in a subsequent pass. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
0 – 9

MICR Type 2 (3890)
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
01 – 24
Alphanumeric, 2 positions, FLS O53 SORT_HANDLE_1-9.

Credit Pocket Sort Credit Pocket. Pocket designated to collect credit items that are to be killed on the final pass. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
0 – 9

MICR Type 2 (3890)
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
01 – 24
Alphanumeric, 2 positions, FLS O53 SORT_CREDIT_1-9.

0134 – SuperMICR II Transit Sort Table

Purpose   This panel is used for adding new or maintaining existing information for
                            SuperMICR II transit sort table information. The information indicates to
                            SuperMICR II how to handle items for each routing transit number that is
                            processed. This panel must be created for each of the different routing transit
                            numbers or range of numbers captured as transit.

Key Panel

```
0134K     INFPOPR       SuperMICR II Transit Sort Table        0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n                      B (Browse)
                                                C (Copy)
                                                D (Delete)
                                                M (Maintenance)
                                                N (New)
                                                Space (Inquiry only)


   MICR Type . . . . . . 1

   R/T Number  . . . . . 88888888



 Command===> 134
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0134 – SuperMICR II Transit Sort Table

Field Descriptions

Function   Function Code. Valid entries are:
                                b   Inquiry only.
                                B   Browse.
                                C   Copy.
                                D   Delete.
                                M   Maintenance.
                                N   New.
                            Alphanumeric, 1 position.

MICR Type   MICR Type. The code indicating the type of MICR Document Processor used for
                            SuperMICR II. Valid entries are:
                                1   1419 Document Processor.
                                2   3890 Document Processor.
                                3   3694 Document Processor.
                            Numeric, 1 position, FLS O54 MICR_TYPE.

R/T Number   Routing Transit Number. Number establishes the low end of a routing transit
number to be selected to specific pockets.
Numeric, 8 positions, FLS O54 ROUTE_NBR.

Primary Panel

```
  0134      INFPOPR     SuperMICR II Transit Sort Table   0001  08-12-1998

                                                             Delete _

 MICR Type  . . . 1          R/T Number . . . 88888888


 Kill Pass  . . . 01        Target Bank  . . 0000
 Item Type  . . . 00        Item Cost  . . . .000

 Pass Numbers    1  2  3  4  5  6  7  8  9
 Kill Pocket  . .  6  6  6  6  6  6  6  6  6
 Rehandle Pkt . .  5  5  5  5  5  5  5  5  5
 Bank Float . . . 00 00 00 00 00 00 00 00 00
 Customer Float   00 00 00 00 00 00 00 00 00




 Command===> 0134,N,1,88888888
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0134 – SuperMICR II Transit Sort Table

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
file. Valid entries are:
      b   Keep this record.
      D   Delete this record.
Alphanumeric, 1 position, FLS O54.

Kill Pass   Kill Pass. Pass on which items for this routing-transit number are killed. It must
be greater than zero.
Numeric, 2 positions, FLS O54 KILL_PASS_NBR.

Target Bank   Target Institution Number. Number of the institution targeted for the final
destination of items. This field is required for commingled institutions. Zeros
indicate that the Capture File institution is used.
Numeric, 4 positions, FLS O54 TARGET_NBR.

Item Type   Item Type. Item type for a transit item.
Numeric, 2 positions, FLS O54 ITEM_TYPE.

Item Cost   Item Processing Cost. Processing cost for a transit item.
Numeric, 5 positions, FLS O54 ITEM_COST.

Pass Numbers 1-9

Sort Table 1-9. Nine different sort patterns that apply to this routing transit number. Each sort pattern consists of the kill pocket, rehandle pocket, customer float, and bank float.

Pass Numbers   Pass Numbers 1-9.

Kill Pocket   Sort Kill Pocket. Pocket designated to collect and kill items for this routing transit number. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
X
0 – 9

MICR Type 2 (3890)
X
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
X
01 – 24
Alphanumeric, 2 positions, FLS O54 SORT_KILL_1-9.

Rehandle Pkt   Sort Rehandle Pocket. Pocket to which items to be rehandled for this routing transit are selected. Pocket designated to collect items to be rehandled for this routing transit number. When entering a single digit, you must enter a space followed by the digit.

MICR Type 1 (1419)
A
B
R
X
0 – 9

MICR Type 2 (3890)
X
11 – 16
21 – 26
31 – 36
41 – 46
51 – 56
61 – 66

MICR Type 3 (3694)
X
01 – 24
Alphanumeric, 2 positions, FLS O54 SORT_HANDLE_1-9.

Bank Float

Sort Bank Float. Number of days before the item is considered available to the institution. Valid entries are **00 – 30**. **00** indicates immediate availability.
Numeric, 2 positions, FLS O54 SORT_INST_1-9.

Customer Float

Sort Customer Float. Number of days before the item is considered available to the customer. Valid entries are **00 – 30**. **00** indicates immediate availability.
Alphanumeric, 2 positions, FLS O54 SORT_CUST_1-9.

0211 – Application Information

Purpose

This panel is used for adding new or maintaining existing application information. This information establishes the parameters necessary for processing these applications.

Note: If you change this record, be sure to make all applicable changes to the SLW001 copybook.

This required record defines which applications an institution will process. This record establishes the institution's name and address interface.

Key Panel

```
0211K     INFPOPR          Application Information          0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . n                 B (Browse)
                                           C (Copy)
                                           D (Delete)
                                           M (Maintenance)
                                           N (New)
                                           Space (Inquiry only)

   Intern Appl . . . . .  91                 (00 - 99)




 Command===> 211
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0211 – Application Information

Field Descriptions

Function

Function Code. Valid entries are:

ƀ   Inquiry only.
B   Browse.
C   Copy.
D   Delete.
M   Maintenance.
N   New.
Alphanumeric, 1 position.

Intern Appl   Internal Application Number. This application number is the internal number
               used by Infopoint and cannot be altered. Valid entries are:

00	Analysis Group Accounts.
01	Demand Deposits.
03	Credit Line.
04	Savings.
05	Teller.
06	Account Analysis.
07	Customer (CIF).
08	Time Investment (account).
09	Time Investment (customer).
10	SuperMICR II.
11	Time Investment account (GL extract for Savings).
12	Combined Statement reporting.
13	Combined Interest Reporting.
15	Exception Administrator (Demand Deposit).
16	Exception Administrator (Savings).
20	Golden Savings.
21	Mortgage Loans.
22	VISA credit card.
23	Master Card credit card.
24	Debit card.
25	Installment Loans.
27	Commercial Loans.
28	General Ledger. (FCS)
29	Time Investment account (GL extract for TDOA).
30	Dealer floor plan.
31	Threshold.
32	Wire transfer.
33	Cash transaction.
34	Expedited Funds Availability Scheduler (EFAS).
35	Loans Common Online.
36	Employer.
37	Dealer.
38	Not used.
39	Loans Common Reporting.
40	Lines of Commitments.
41	Bonds.
42	CL Notes.
43	CL Participation.
44	CL Collateral.
45	Collection Management.
46	Recovery Management.
47	Relationship CIF.
48	Relationship CIF Retail Accounts.
49	Relationship CIF Commercial Accounts.
50	Relationship Pricing.
51	Tax Identification Number.
52	De-dupe.
53	Gender Determination.

54	Household Marketing.
55	Scrub.
56	ACH.
57	SuperMICR.

Numeric, 2 positions, FLS O56 APPL_CODE.

Primary Panel

```
0211      INFPOPR      Application Information      0001  08-12-1998

                                                        Delete _

  Intern Appl  . : 91


  Appl Name  . . . test micm

  Extern Appl  . . 91        Appl Code  . . . MIC      Asset Code . . . L
  Key Verify . . . N         Release Nbr  . . 1        O/L Avail Cd . . N
  O/L N/A Program            O/L File Suf . .
  Acct Length  . . 0         Acct Edit  . . . 0        Acct Verify  . . 0
  Acct Long  . . .           Acct Alpha . . . Y
  Vendor Code  . .                                     Key Format . . .
  Batch N/A Prog . MIK101    O/L N/A Prog . . MIO101




  Command===> 0211,N,91
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
  F14=Copy
```

0211 – Application Information

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                       file. Valid entries are:
                       ƀ   Keep this record.
                       D   Delete this record.
                       Alphanumeric, 1 position, FLS O56.

Appl Name   Application Name. The name of the application.
                       Alphanumeric, 30 positions, FLS O56 APPL_NAME.

Extern Appl   External Application Number. This application number is the external number
                       used by Infopoint and can be altered. This is the numeric application code used
                       online. When a key requires this code, you must have the code you enter defined
                       here. Undefined codes will result in an error. Valid entries are:
                       00   Analysis Group Accounts.
                       01   Demand Deposits.
                       03   Credit Line.
                       04   Savings.
                       05   Teller.
                       06   Account Analysis.
                       07   Customer (CIF).

08	Time Investment (account).
09	Time Investment (customer).
10	SuperMICR II.
11	Time Investment account (GL extract for Savings).
12	Combined Statement reporting.
13	Combined Interest Reporting.
15	Exception Administrator (Demand Deposit).
16	Exception Administrator (Savings).
20	Golden Savings.
21	Mortgage Loans.
22	VISA credit card.
23	Master Card credit card.
24	Debit card.
25	Installment Loans.
27	Commercial Loans.
28	General Ledger (FCS).
29	Time Investment account (GL extract for TDOA).
30	Dealer floor plan.
31	Threshold.
32	Wire transfer.
33	Cash transaction.
34	Expedited Funds Availability Scheduler (EFAS).
35	Loans Common Online.
36	Employer.
37	Dealer.
38	Not used.
39	Loans Common Reporting.
40	Lines of Commitments.
41	Bonds.
42	CL Notes.
43	CL Participation.
44	CL Collateral.
45	Collection Management.
46	Recovery Management.
47	Relationship CIF.
48	Relationship CIF Retail Accounts.
49	Relationship CIF Commercial Accounts.
50	Relationship Pricing.
51	Tax Identification Number.
52	De-dupe.
53	Gender Determination.
54	Household Marketing.
55	Scrub.
56	ACH.
57	SuperMICR.

Numeric, 2 positions, FLS O56 EXTL_APPL_CODE.

Appl Code   Application Code. The code identifying the application being processed online. This is the alphanumeric application code entered online. When a key requires this code, you must have the code you enter defined here. Undefined codes will result in an error. Valid entries are:

ACH	ACH.
ANL	Account Analysis.
BND	Bonds.
CIS	Customer (CIF).
CLA	Commercial Loans.
CLL	CL Collateral.
COL	Loans Common Online.
COM	Lines of Commitments.
CRL	Credit Line.
CSH	Cash transfer.
DDA	Demand Deposits.
DFP	Dealer floor plan.
DLR	Dealer.
DRC	Debit card.
DUP	De-dupe.
EFA	Expedited Funds Availability Scheduler (EFAS).
EMP	Analysis Group Accounts.
GLA	General Ledger. (FCS)
GRP	Analysis Group Accounts.
GSV	Golden Savings.
HSE	Household Marketing.
ILA	Installment Loans.
INT	Combined Interest reporting.
LCR	Loans Common Reporting.
MAC	Master Card credit card.
MTG	Mortgage Loans.
NOW	Deposits NOW Accounts.
NSF	Exception Administrator (Demand Deposits).
NSS	Exception Administrator (Savings).
NTS	CL Notes.
ONC	Collection Management.
ONR	Recovery Management.
PAR	CL Participation.
POD	SuperMICR II.
RCF	Relationship CIF (RCIF).
RFC	Relationship CIF Commercial Accounts.
RFR	Relationship CIF Retail Accounts.
RLP	Relationship Pricing.
SAV	Savings.
SMR	SuperMICR.
STM	Combined Statements Reporting.
TCD	Time Investment (customer). Used to interface with Exception Administrator (EA).
TDA	Time Investment account (GL extract for TDOA).
THR	Threshold.
TIN	Tax identification number.

TIS	Time Investment (account).
TSV	Time Investment account (GL extract for Savings).
TTS	Teller.
VIS	VISA credit card.
WIR	Wire transfer.

Alphanumeric, 3 positions, FLS O56 APPL_ID.

Asset Code

Asset Liability Code. Identifies the accounts as assets or liabilities. Valid entries are:

ƀ   Not applicable.
A   Assets.
L   Liabilities.

Alphanumeric, 1 position, FLS O56 ASSET_CODE.

Key Verify

Key Verification Code. The code indicating whether the application file must be verified. Valid entries are:

ƀ   File is not read for verification.
I   File is read to verify the key and if not available, the operator can override it.
N   File is not read for verification.
Y   File is read to verify the key and if not available, the operator cannot override

Alphanumeric, 1 position, FLS O56 KEY_VERIFY.

Release Nbr

Release Number. Release number for which the application is being processed. This field is for information only. Each time you install a new release, update this field. This release information is *important* for support.

Numeric, 3 positions, FLS O56 RELEASE_NBR.

O/L Avail Cd

Online Availability Code. Code indicating whether the online files are available. Valid entries are:

ƀ   Online files are available.
M   Account exists on application master files, but not on Teller Balance File.
N   Online files are not available.
P   Online files are not available and application is not present on the Teller Balance File.

Alphanumeric, 1 position, FLS O56 AVAIL_CODE.

O/L N/A Program

Online Name and Address Program ID. Name of the online program used for this application in Application Interchange. This program is given control over any online transaction or function that belongs to this application by the Application Interchange Control program.

Alphanumeric, 8 positions, FLS O56 ONL_CNTL_PROG_ID.

O/L File Suf   Online File Suffix. File name suffix for accessing online files by this application in Application Interchange. This suffix is appended to the data set names before any online command is executed. Valid entries are:

ƀ   The normal system files.

A – Z   Alternate file sets.

1 – 9   Alternate file sets.

Alphanumeric, 1 position, FLS O56 SUFFIX.

Account Number

Account Number Information.

Acct Length   Account Number Length. Valid entries are **00 – 25**. Zeros indicate not applicable.
Numeric, 2 positions, FLS O56 ACCT_LENGTH.

Acct Edit   Account Number Edit. The edit controls the placement of hyphens in the account number. Up to 4 hyphens can be specified. The hyphen positions are entered here, relative to an 18-position account number, or a 25-character account if the Account Edit Long field is set to ' Y '. If less than 4 hyphens are desired, enter zeros in the remaining positions. All zeros indicate that no hyphens are desired.
Numeric, 8 positions, FLS O56 ACCT_EDIT.

Acct Verify   Account Number Verification. User-defined code that verifies the account number. Valid entries are **00 – 99**. Zeros indicate no routine used. All other values require MICM Record 2006 to be established.
Numeric, 2 positions, FLS O56 ACCT_VRFY.

Acct Long   Account Edit Long. Account is greater than 18 digits. Valid entries are:

ƀ   Account is 18 positions or less.

Y   Account is greater than 18 positions, with a maximum of 25 positions.

Alphanumeric, 1 position, FLS O56 ACCT_LONG.

Acct Alpha   Alphanumeric Account. Used to determine if alphanumeric characters are allowed in the Account field. Valid entries are:

ƀ   Alphanumeric characters are not allowed.

Y   Alphanumeric characters are allowed.

Alphanumeric, 1 position, FLS O56 ACCT_ALPHA.

Vendor Code   Vendor Code. Code indicating whether the software for this application is provided by TriSyn group or another software vendor. Valid entries are:

ƀ   Infopoint software.

X   All other software vendors.

Alphanumeric, 1 position, FLS O56 VENDOR.

Key Format   Key Format. Indicates, by application, whether or not panel edits should be
                      performed on the branch and class fields. Valid entries are:

    ƀ   Edit Application and Account only.

    1   Edit Application, Account, Branch, and Class.

    2   Edit Application, Account, and Branch.

Alphanumeric, 1 position, FLS O56 KEY_FORMAT.

Batch N/A Prog   Batch Name and Address Interface Program. The program name that is to be
                     used to retrieve name and address information for batch.   For names and
                     addresses that are stored on MICM, use program name MIO101.
                     Alphanumeric, 8 positions, FLS O56 ADDR_BATCH_PROG.

Online N/A Prog   Online Name and Address Interface Program. Program name that is used to
                     retrieve name and address information online. For names and addresses that are
                     stored on MICM use program name MIO101.
                     Alphanumeric, 8 positions, FLS O56 ADDR_ONL_PROG.

0231 – Application Edit Table

Purpose

This panel is used for adding new or maintaining existing application edit table information. This information is used for editing various entry panels. A list of the different tables used by Infopoint is shown at the end of this panel information.

This panel allows you to edit certain user-defined fields, while ensuring control of other fields, such as Officer Code. Use of any table requires this field upon entry. Careful consideration should be taken when establishing any table.

Key Panel

```
0231K    INFPOPR          Application Edit Table        0001  08-12-1998


   Enter the following key parameters:


    Function  . . . . . . n              B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)

    Application Nbr . . . 01             (00 - 99)

    Table Number  . . . . 00001          (00000 - 99999)

    Type  . . . . . . . . 100            (000 - 999)

    Extension . . . . . . 000            (000 - 999)

Command===> 231
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0231 – Application Edit Table

Field Descriptions

Function

Function Code. Valid entries are:

   b̶   Inquiry only.
   B   Browse.
   C   Copy.
   D   Delete.
   M   Maintenance.
   N   New.
Alphanumeric, 1 position.

Application Nbr

Application Number. Application to which this information applies.
Numeric, 2 positions, FLS O83 APPL_CODE.

Table Number	Number of Entries in the Table. Valid entries are **00000 – 99999**. *Numeric, 5 positions, FLS O83 TABLE_NBR.*
Type	Account Type. Type of account for which this information applies. *Numeric, 3 positions, FLS O83 ACCT_TYPE.*
Extension	Extension Number. The first 200 characters on the table use the extension number 000. Each additional 200 characters increase the extension by 1. *Numeric, 3 positions, FLS O83 EXTN_NBR.*
Primary Panel	

```
  0231       INFPOPR            Application Edit Table       0001  08-12-1998

                                                                  Delete _
   Application Nbr. 1
   Table Number . . 1
   Type . . . . . . 100
   Extension  . . . 0

   Table Entry 1     officer01officer02_____
   Table Entry 2     _____
   Table Entry 3     _____
   Table Entry 4     _____
   Code . . . . . . a
   Table Length . . 9
   Nbr Of Entries   2
   Default  . . . . Y




   Command===> 0231,N,1,1,100,0
   F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

0231 – Application Edit Table

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	ƀ Keep this record.
	D Delete this record.
	Alphanumeric, 1 position, FLS O83.
Table Entry 1	Table Entry Line 1. Line 1 is the first 50 positions of data on the table. At least one character of data must be found in the first 50 positions. *Alphanumeric, 50 positions, FLS O83 DATA_1.*
Table Entry 2	Table Entry Line 2. Line 2 is the second 50 positions of data on the table. *Alphanumeric, 50 positions, FLS O83 DATA_2.*
Table Entry 3	Table Entry Line 3. Line 3 is the third 50 positions of data on the table. *Alphanumeric, 50 positions, FLS O83 DATA_3.*

Table Entry 4	Table Entry Line 4. Line 4 is the fourth 50 positions of data on the table. *Alphanumeric, 50 positions, FLS O83 DATA_4.*
Code	Table Code. Defines type of data contained in the table. Valid entries are:

    A   Alphanumeric data. Table entry cannot be all blanks.
    B   Not used.
    N   Numeric data.

Note: If the code is **N**, only numeric data should be entered in the table.

Example:

Code-N Length-3 Number-2
Table entries:
123456_ Correct.
12 345_ Incorrect.
123ABC_ Incorrect.

Code-A Length-3 Number-2
Table entries:
A C123_ Correct.
1A 2BC_ Correct.
~~**bb bbb**~~_Incorrect.

Alphanumeric, 1 position, FLS O83 DATA_TYPE.

Table Length	Length. Length of each entry on the table. Valid entries are **1 – 9**. *Numeric, 1 position, FLS O83 TABLE_LENGTH.*
Nbr of Entries	Number. Number of Entries in the Table. Valid entries are **01 – 99**. *Numeric, 2 positions, FLS O83 NBR_ENTRY.*
Default	Table Default. Indicates how to handle blank table entries for editing purposes. Valid entries are:

    N   Do not replace blank data.
    Y   Use the first entry in the table to replace blanks.
Alphanumeric, 1 position, FLS O83 DEFAULT.

Application Edit Table Example

In this example, use the Primary Officer Table, number 2. The Officer Code is 9 positions, alphanumeric with 8 entries.

Choose MICM Record 0231 from the menu and press [Enter] to display the key panel. Enter the following information as it is shown in the sample and press [Enter].

```
  0231K     INFPOPR          Application Edit Table       0001  03-17-1999


 Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Application Nbr . . . 01             (00 - 99)

   Table Number  . . . . 2              (00000 - 99999)

   Type  . . . . . . . . 101            (000 - 999)

   Extension . . . . . . 000            (000 - 999)
 Command===> 0231
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0231 – Application Edit Table

The Type field allows you to be specific with a table entry. If this table affects all of one application, enter **000** in the Type field. The Application code works the same way. The extension is used when you have used all 4 table entry lines and require more space. For the first record, the extension entered is **000**. The next record would be **001**.

The 8 entries are OFFICER01-OFFICER08. After the primary panel is displayed, enter the information on the following panel.

```
 0231      INFPOPR            Application Edit Table        0001  03-17-1999

                                                              Delete _
 Application Nbr. 1
 Table Number . . 2
 Type . . . . . . 101
 Extension  . . . 0

 Table Entry 1 officer01officer02officer03officer04officer05offic_
 Table Entry 2 er06officer07officer08     _____
 Table Entry 3 _____
 Table Entry 4 _____
 Code . . . . . . a
 Table Length . . 9
 Nbr Of Entries   8
 Default  . . . . Y




 Command===> 0231,N,1,2,101,0
 F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

0231 – Application Edit Table

Table entry 1 would not fit OFFICER06 completely on the line. When you reach the end of a table entry line, continue to the next line with no spaces or gaps.

The default entry is used online when no entry is made to this field. The system takes the first entry of this table and populates it.

List of Tables Used by Infopoint

Table Number	Description
00001	Employee Codes
00002	Primary Officer Codes
00003	Secondary Officer Codes
00004	Industry Class Codes
00005	Geographic Codes
00006	Location Codes
00007	Account Class Codes
00008	Special Handling Code 1
00009	Special Handling Code 2

Table Number	Description
00010	Special Handling Code 3
00011	Special Handling Code 4
00012	Special Handling Code 5
00013	Special Handling Code 6
00014	Map Code
00015	Cost Center
00016	Collateral Code Tables
00017	Source of Funds
00018	Alert Code 1
00019	Alert Code 2
00020	Alert Code 3
00021	Alert Code 4
00022	Alert Code 5
00023	Alert Code 6
00024	Bulk File
00025	Special Handling Code 7
00026	Special Handling Code 8
00027	Special Handling Code 9
00028	Special Handling Code 10
00029	Special Handling Code 11
00030	Special Handling Code 12
00031	NAICS Code
00033	Credit Bureau Comment
00034	TRW Account Status
00035	Consumer Information Indicator

0233 – Regulation CC Institution Notice

Purpose   Regulation CC institution notice information, both new and maintenance, is
                   entered to MICM with this panel. This information is used to customize the
                   Notice of Extended Hold (34-014) or Duplicate Notice of Extended Hold (34-015)
                   for EFAS. Six lines of 50 characters are provided to customize the notice by
                   report number. This is a generic panel and can be used to customize notices in
                   other applications.

Key Panel

```
 0233K     INFPOPR          Regulation CC Inst Notice        0001  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . n                   B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)
    Process Manager   . . 01

    Application Nbr . . . 01

    Report Number . . . . 059

    Language Code . . . . en


 Command===> 233
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0233 – Regulation CC Institution Notice

Field Descriptions

Function   Function Code. Valid entries are:
                   ƀ   Inquiry only.
                   B   Browse.
                   C   Copy.
                   D   Delete.
                   M   Maintenance.
                   N   New.
                   Alphanumeric, 1 position.

Process Manager   Process Manager. The application or manager number that is responsible for
                   processing this record.
                   Numeric, 2 positions, FLS O96 MANAGER_NBR.

Application Nbr   Application Number. The application that is being processed.
                   Numeric, 2 positions, FLS O96 APPL_CODE.

Report Number   Report Number. Report number that has been assigned to the notice.
                       Numeric, 3 positions, FLS O96 REPORT_NBR.

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid
                       Language Codes Table Record). Codes that can be used are indicated with 'Y' in
                       the Usage field.
                       Alphanumeric, 2 positions, FLS O96 LANG_CODE.

Primary Panel

```
   0233      INFPOPR           Regulation CC Inst Notice      0001  08-12-1998

                                                                  Delete _
   Process Manager  1
   Application Nbr  1
   Report Number   59
   Language . . . . EN

   Message Line 1    This weeks rate for CD's is a high of 8.89%._____
   Message Line 2    Stop by your local branch and deposit funds of____
   Message Line 3    $1,000.00 or more and receive a free one years'___
   Message Line 4    supply of gas from your local gas station._____
   Message Line 5    First come, first serve basis for the first 10____
   Message Line 6    people participating in this promotion._____




   Command===> 0233,N,1,1,59,EN
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0233 – Regulation CC Institution Notice

Field Descriptions

Delete   Status Code. Valid entries are:
                       b   Keep this record.
                       D   Delete this record.
                       Alphanumeric, 1 position, FLS O96.

Message Line 1   Message Line 1.
                       Alphanumeric, 50 positions, FLS O96 NOTICE_1.

Message Line 2   Message Line 2.
                       Alphanumeric, 50 positions, FLS O96 NOTICE_2.

Message Line 3   Message Line 3.
                       Alphanumeric, 50 positions, FLS O96 NOTICE_3.

Message Line 4   Message Line 4.
                       Alphanumeric, 50 positions, FLS O96 NOTICE_4.

Message Line 5	Message Line 5. *Alphanumeric, 50 positions, FLS O96 NOTICE_5.*
Message Line 6	Message Line 6. *Alphanumeric, 50 positions, FLS O96 NOTICE_6.*

0234 – Federal Withholding Information

Purpose

This panel is used for adding new or maintaining existing federal withholding information. The information is used to control processing, regarding federal regulations dealing with IRS Codes, Regulation CC, and Federal Withholding Tax rate.   Deposits and Time Investment use this panel.

Key Panel

```
0234K     INFPOPR      Federal Withholding Information     0001  08-12-1998


 Enter the following key parameters:


  Function  . . . . . . n              B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

  Application Nbr . . . 04




 Command===> 234
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0234 – Federal Withholding Information

Field Descriptions

Function

Function Code. Valid entries are:

- **b̶** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Application Nbr

Internal Application Number. Application number to which this application applies. Valid entries are **01 – 99**.
Numeric, 2 positions, FLS O58 APPL_CODE.

Primary Panel

```
 0234      INFPOPR      Federal Withholding Information    0001  08-12-1998

                                                               Delete
 Application Nbr. 4

 Cert Option  . . Y                    Cert Days St . . 30
 Cert W Opt . . . Y                    Cert W Days  . . 60

 B Notice Option  Y                    B Notice Days    25
 B With Option    Y                    B With Days  . . 9

 FWT Rate . . . . .30000               Non-Res Rate . . .35000

 Non Res Opt  . . Y                    Non Res Months   36
 W8 Notice Lead   60

 Agr Int Option   Y                    Agr Int Amount   10000




 Command===> 0234,N,4
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0234 – Federal Withholding Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

    ƀ   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O58.

Cert Option   Certification Option. Controls if the automatic expiration for awaiting TIN certification is to be used. The FWT code is equal to '6'. Valid entries are:
    N   Do not use automatic expiration for awaiting TIN certification.
    Y   Use automatic expiration for awaiting TIN certification.
Alphanumeric, 1 position, FLS O58 AUTO_OPTION.

Cert Days St   Certification Days Status. Number of calendar days to elapse before the status changes from an FWT Code of '6', awaiting TIN certification to an FWT Code of '4'.
Numeric, 3 positions, FLS O58 AUTO_DAYS.

Cert W Opt   Certification Withholding Option. Controls whether FWT held on interest payments is debited from the customer's account when a withdrawal occurs during the awaiting TIN certification period. The percentage is defined in the FWT rate on this record. An FRS withdrawal is determined on MICM Record 2013. Valid entries are:
    N   Do not perform this function.
    Y   Automatically debit the customer's account for FWT when an IRS withdrawal occurs.
Alphanumeric, 1 position, FLS O58 WITH_OPTION.

Cert W Days	Certification Withholding Days. Number of calendar days to elapse before the account is subject to automatic assessment of FWT if an IRS deposit occurs. *Numeric, 3 positions, FLS O58 WITH_DAYS.*
B Notice Option	B-notice Option. Controls whether automatic expiration for B-notice received is used. FWT code is equal to '9'. Valid entries are: **N** Do not use the automatic expiration for B-notice received. **Y** Use the automatic expiration for B-notice received. *Alphanumeric, 1 position, FLS O58 NOTICE_OPTION.*
B Notice Days	B-notice Expiration Days. Number of business days to elapse before the status changes from B-notice received to a status of **B**. FWT code is equal to '9'. *Numeric, 3 positions, FLS O58 NOTICE_DAYS.*
B With Option	B-notice Withholding Option. Controls whether FWT held on interest payments is debited from the customer's account when a withdrawal occurs during 'B-notice received' period. Valid entries are: **N** Do not perform this function. **Y** Automatically debit the customers account for FWT when an IRS withdrawal occurs. *Alphanumeric, 1 position, FLS O58 NOTICE_WITH.*
B With Days	B-notice Withholding Days. Business days to elapse before the account is subject to automatic assessment of FWT if an IRS withdrawal occurs. *Numeric, 3 positions, FLS O58 NOTICE_WITH_DAY.*
FWT Rate	Federal Withholding Tax Rate. Percentage of interest paid to withhold for Federal Withholding Taxes. *Numeric, 5 positions, FLS O58 PERCENT_RATE.*
Non Res Rate	Non-resident Rate. Percentage to withhold on interest paid to non-resident aliens. FWT code is equal to '8'. *Numeric, 5 positions, FLS O58 NON_RATE.*
Non Res Opt	Non-resident Option. Controls if the automatic expiration for non-resident aliens is to be used. Valid entries are: **N** Do not use the automatic expiration for nonresident aliens. **Y** Use the automatic expiration for nonresident aliens. *Alphanumeric, 1 position, FLS O58 NON_OPTION.*
Non Res Months	Non-resident Months. Number of months to elapse before the status changes from non-resident aliens to an FWT code of '8'. This is not used. The system uses the current year plus 2 years, making the month 12 and day 31. *Numeric, 3 positions, FLS O58 NON_MONTH.*
W8 Notice Lead	W-8 Notice Calendar Lead Days. Number lead days to produce a W-8 notice for an expiring non-resident alien status. *Numeric, 2 positions, FLS O58 LEAD_NBR.*

Agr Int Option   Aggregate Interest Option. Controls if the Aggregate Interest Paid field is used if mandatory withholding occurred for an account during an awaiting TIN or B-notice received status. Valid entries are:
  N   Do not use the aggregate interest paid amount.
  Y   Use the aggregate interest paid amount.
Alphanumeric, 1 position, FLS O58 AGGR_OPTION.

Agr Int Amount   Aggregate Interest Amount. If the interest paid YTD is over this amount, the customer's account is automatically debited if an IRS withdrawal occurs during an 'awaiting TIN certification' or 'B-notice received' period.
Numeric, 7 positions, FLS O58 AGGR_AMOUNT.

0236 – Federal Holidays

Purpose   This panel is used for adding new or maintaining existing federal holiday
                        information. The information is used to process float according to federal
                        processing days. Deposits and Time Investment use this panel for the rolling of
                        float. The federal holidays entered should correspond to the holidays that the
                        Federal Reserve observes. When the Federal Reserve is closed, funds are not
                        made available to either the institution or customer. Therefore, float should not
                        be rolled.

Key Panel

```
0236K     INFPOPR              Federal Holidays              0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . n                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

   Federal Year  . . . . 1999                 (YYYY)




 Command===> 236
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0236 – Federal Holidays

Field Descriptions

Function   Function Code. Valid entries are:
                        ƀ   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Federal Year   Year of Federal Holiday. For applications that have not been coded for MICM
                        5.1, enter **0000** for the year. This field allows you to enter more than 1 year at a
                        time.
                        Numeric, 4 positions, FLS O59 YEAR.

Primary Panel

```
0236       INFPOPR           Federal Holidays        0001  08-12-1998

                                                         Delete _
    Federal Year . . 1999


    Week Days  1 2 3 4 5 6 7
                C _ _ _ _ _ C


                              Holidays
    --------------------------------------------------------------------------
    Nb Mn Dy   Nb Mn Dy   Nb Mn Dy   Nb Mn Dy   Nb Mn Dy   Nb Mn Dy   Nb Mn Dy Nb Mn Dy
    --------------------------------------------------------------------------

    1 1  01    2 2  15    3 5  31    4 7  04    5 0  00    6 9  07    7 10 12   8 11 28
    9 12 25   10 0  00   11 0  00   12 0  00   13 0  00   14 0  00   15 0  00



    Command===> 0236,N,1999
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0236 – Federal Holidays

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
- **b** Keep this record.
- **D** Delete this record.

Alphanumeric, 1 position, FLS O59.

Week Days

1

Process Week Day 1. This entry corresponds to Sunday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
- **b** Opened and processing.
- **C** Closed, no processing.

Alphanumeric, 1 position, FLS O59 DAY_WEEK_1.

2

Process Week Day 2. This entry corresponds to Monday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
- **b** Opened and processing.
- **C** Closed, no processing.

Alphanumeric, 1 position, FLS O59 DAY_WEEK_2.

3   Process Week Day 3. This entry corresponds to Tuesday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
                       ♭   Opened and processing.
                       C   Closed, no processing.
                       Alphanumeric, 1 position, FLS O59 DAY_WEEK_3.

4   Process Week Day 4. This entry corresponds to Wednesday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
                       ♭   Opened and processing.
                       C   Closed, no processing.
                       Alphanumeric, 1 position, FLS O59 DAY_WEEK_4.

5   Process Week Day 5. This entry corresponds to Thursday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
                       ♭   Opened and processing.
                       C   Closed, no processing.
                       Alphanumeric, 1 position, FLS O59 DAY_WEEK_5.

6   Process Week Day 6. This entry corresponds to Friday.   Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
                       ♭   Opened and processing.
                       C   Closed, no processing.
                       Alphanumeric, 1 position, FLS O59 DAY_WEEK_6.

7   Process Week Day 7. This entry corresponds to Saturday. Each entry is coded to indicate if the application or institution is processed on that day and if not, whether the institution is opened or closed. Valid entries are:
                       ♭   Opened and processing.
                       C   Closed, no processing.
                       Alphanumeric, 1 position, FLS O59 DAY_WEEK_7.

Holidays

Mn Dy   Month and Day of Federal Holiday. Federal holidays are the dates the Federal Reserve, and all institutions within that Federal Reserve District, close and processing stops. Format is MMDD.
                       Numeric, 4 positions, 15 times, FLS O59 MONTH_1-15, DAY_1 -15.

0237 – Program Interface Parameters

Purpose
: This panel is used for adding new or maintaining existing program interface parameter information. The information identifies the programs used for the interfacing of applications. This record is required when processing two or more Infopoint applications that interface with each other. Because support is provided on more than one release of each product, this record allows you to indicate what release of interfacing applications you are running.

    For example, if you are running Deposits 8.2 and Exception Administrator 8.3, this record tells Deposits what format to use when formatting the file for the daily interface with Exception Administrator.

Key Panel

```
 0237K     INFPOPR       Program Interface Parameters      0001  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Process Manager . . . 99             (00 - 99)

   Interal Appl  . . . . 01             (00 - 99)




 Command===> 237
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0237 – Program Interface Parameters

Field Descriptions

Function
: Function Code. Valid entries are:
    - ƀ   Inquiry only.
    - **B**   Browse.
    - **C**   Copy.
    - **D**   Delete.
    - **M**   Maintenance.
    - **N**   New.

    Alphanumeric, 1 position.

Process Manager
: Processing Manager Number. Number of the processing manager or application to which this information applies.
    Numeric, 2 positions, FLS O60 MANAGER_NBR.

Internal Appl	Internal Application Number. This application number is the internal number used by Infopoint and cannot be altered. Valid entries are:

00	Analysis Group Accounts.
01	Demand Deposits.
03	Credit Line.
04	Savings.
05	Teller.
06	Account Analysis.
07	Customer (CIF).
08	Time Investment (account).
09	Time Investment (customer).
10	SuperMICR II.
11	Time Investment account (GL extract for Savings).
12	Combined Statement reporting.
13	Combined Interest Reporting.
15	Exception Administrator (Demand Deposit).
16	Exception Administrator (Savings).
20	Golden Savings.
21	Mortgage Loans.
22	VISA credit card.
23	Master Card credit card.
24	Debit card.
25	Installment Loans.
27	Commercial Loans.
28	General Ledger. (FCS)
29	Time Investment account (GL extract for TDOA).
30	Dealer floor plan.
31	Threshold.
32	Wire transfer.
33	Cash transaction.
34	Expedited Funds Availability Scheduler (EFAS).
35	Loans Common Online.
36	Employer.
37	Dealer.
38	Not used.
39	Loans Common Reporting.
40	Lines of Commitments.
41	Bonds.
42	CL Notes.
43	CL Participation.
44	CL Collateral.
45	Collection Management.
46	Recovery Management.
47	Relationship CIF.
48	Relationship CIF Retail Accounts.
49	Relationship CIF Commercial Accounts.
50	Relationship Pricing.
51	Tax Identification Number.
52	De-dupe.
53	Gender Determination.

> **54** Household Marketing.
> **55** Scrub.
> **56** ACH.
> **57** SuperMICR.

Numeric, 2 positions, FLS O60 APPL_CODE.

Primary Panel

```
 0237      INFPOPR      Program Interface Parameters     0001  08-12-1998

                                                            Delete _
Process Manager   99
Internal Appl . . 01

Batch Interface   eak3dp82
Batch Extract     eaj3dp82
O/L Interface     eao3dp82
Recovery . . . .  _____




Command===> 0237,N,99,01
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0237 – Program Interface Parameters

Field Descriptions

Delete
Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
> **ƀ** Keep this record.
> **D** Delete this record.
Alphanumeric, 1 position, FLS O60.

Batch Program

Batch program information.

Batch Interface
Batch Program Interface Name. Name of the program used to retrieve information from the affected application for batch processing. The 'K' module is entered here.
Alphanumeric, 8 positions, FLS O60 BATCH_PROG_NAME.

Batch Extract
Batch Program Extract Name. Name of the program used to pass the information to the affected application for batch processing. The 'J' module is entered here.
Alphanumeric, 8 positions, FLS O60 EXTC_PROG_NAME.

O/L Interface

Online Program Interface Name. Name of the program used to get the information to and from the affected application for online processing. The 'O' module is entered here.
Alphanumeric, 8 positions, FLS O60 ONLN_PROG_NAME.

Recovery

Program Recovery Name. Name of the program that is used to perform file recovery.
Alphanumeric, 8 positions, FLS O60 REC_PROG_NAME.

0239 – Multisort Interface

Purpose   This panel is used for adding new or maintaining existing Multisort interface
                    information. The information is used to identify the pocket selection of the
                    sorted items for each of the passes during interfacing of the applications for
                    which this information applies. This panel is required for DPD200 (Posting
                    Program) used by Deposits.

Key Panel

```
0239K     INFPOPR              Multisort Interface              0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n                   B (Browse)
                                             C (Copy)
                                             D (Delete)
                                             M (Maintenance)
                                             N (New)
                                             Space (Inquiry only)

   Cycle Manager . . . . 99                  (00 - 99)

   Cycle Number  . . . . 01                  (01 - 99)




 Command===> 239
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0239 – Multisort Interface

Field Descriptions

Function   Function Code. Valid entries are:
                    ƀ   Inquiry only.
                    B   Browse.
                    C   Copy.
                    D   Delete.
                    M   Maintenance.
                    N   New.
                    Alphanumeric, 1 position.

Cycle Manager   Cycle Manager Number. Number of the manager or application where this
                    information applies.
                    Numeric, 2 positions, FLS O62 MANAGER_NBR.

Cycle Number   Cycle Number. Number of the cycle where this information applies. Valid
                    entries are **01 – 99**.
                    Numeric, 2 positions, FLS O62 CYCLE_RECORD.

Primary Panel

```
  0239      INFPOPR           Multisort Interface      0001  08-12-1998

                                                          Delete _

  Cycle Manager    99
  Cycle Number . . 1

  Pass 1 Pocket    01
  Pass 2 Pocket    02
  Pass 3 Pocket    03
  Pass 4 Pocket    04






  Command===> 0239,N,99,1
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0239 – Multisort Interface

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

ƀ   Keep this record.

D   Delete this record.

Alphanumeric, 1 position, FLS O62.

Pocket Select

Pocket selection information.

Pass 1 Pocket

Pass 1 Pocket Selection. Pocket selected for items during the first sort pass.
Alphanumeric, 2 positions, FLS O62 PASS_POCKET_1.

Pass 2 Pocket

Pass 2 Pocket Selection. Pocket selected for items during the second sort pass.
Alphanumeric, 2 positions, FLS O62 PASS_POCKET_2.

Pass 3 Pocket

Pass 3 Pocket Selection. Pocket selected for items during the third sort pass.
Alphanumeric, 2 positions, FLS O62 PASS_POCKET_3.

Pass 4 Pocket

Pass 4 Pocket Selection. Pocket selected for items during the fourth sort pass.
Alphanumeric, 2 positions, FLS O62 PASS_POCKET_4.

0242 – Officer/Employee Information

Purpose

This panel is used for adding new or maintaining existing employee information. The information is used for reporting purposes. For Exception Administrator, you must enter each control access used for each employee.

Key Panel

```
0242K    INFPOPR    Officer/Employee Information        0001  08-12-1998



  Enter the following key parameters:


   Function  . . . . . . n             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Officer/Empl Id  . . . . . maryellen




Command===> 242
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0242 – Officer/Employee Information

Field Descriptions

Function

Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Officer/Empl Id

Officer/Employee ID. Identification of the Officer or Employee.
Alphanumeric, 9 positions, FLS O85 OFFICER_ID.

Primary Panel

```
  0242      INFPOPR    Officer/Employee Information      0001  08-12-1998

                                                           Delete _
   Officer/Empl Id . . . MARYELLEN

   Employee Name    MARY ELLEN ADAMS
   Employee Branch  2
   Employee Phone   (407)661-3900    Intnatl Phone   _____
   Empl Location    MAITLAND OFFICE
   Empl Title . . . VICE PRESIDENT
   Lending Limit    10000000.00

   Security Code    1
   Approval Code    1
   Waive Code . . . Y
   GL Employee Cd   3900
   Employee Code    D
   Cost Center  . . 407661390000000
   Loan Limit . . . 100000000


   Command===> 0242,N,MARYELLEN
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0242 – Officer/Employee Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

    b   Keep this record.

    D   Delete this record.

Alphanumeric, 1 position, FLS O85.

Employee Name	Employee Name. Complete name of the employee.

Alphanumeric, 40 positions, FLS O85 OFFICER_NAME.

Employee Branch	Employee Branch. Branch where the employee is located.

Numeric, 5 positions, FLS O85 BRANCH.

Employee Phone	Employee Phone Number. Number of the employee including the area code.

Numeric, 11 positions, FLS O85 PHONE_NBR.

Intnatl Phone	International Phone Number. International phone number of the employee.

Alphanumeric, 25 positions, FLS O85 INTNATL_PHONE.

Empl Location	Employee Location. Department in the institution where the employee is located.

Alphanumeric, 40 positions, FLS O85 LOCATN.

Empl Title	Job Title. Employee's occupational title given by the institution.

Alphanumeric, 40 positions, FLS O85 TITLE.

Lending Limit

Lending Limit Amount. Total amount an employee is allowed to lend to an individual account. Amount is expressed in dollars and cents. Two decimal positions are assumed.
Numeric, 11 positions, FLS O85 LENDING_LIMIT.

Security Code

Security Code. Code to control access of NSF items by other than the employee responsible for those items. User-defined.
Alphanumeric, 1 position, FLS O85 SECURITY_CODE.

Approval Code

Approval Code. Allows a senior officer to approve NSF items over the primary officer's limit. User-defined.
Alphanumeric, 1 position, FLS O85 APPROVE_CODE.

Waive Code

Waive Code. Code indicating whether the employee has the ability to waive NSF fees. Valid entries are:
   N   Employee is not allowed to waive NSF fees.
   Y   Employee is allowed to waive NSF fees.
Alphanumeric, 1 position, FLS O85 WAIVE_CODE.

GL Employee Cd

General Ledger Employee Code. Code used in Account Analysis to control interfacing of General Ledger information by employee.
Alphanumeric, 5 positions, FLS O85 GL_CODE.

Employee Code

Employee ID. Code used to define the type of employee. Valid entries are:
   D   Institution director.
   E   Institution employee.
   O   Institution officer.
Alphanumeric, 1 position, FLS O85 EMPLOYEE_CODE.

Cost Center

Cost Center. Center the employee has been assigned to by the institution.
Numeric, 15 positions, FLS O85 COST_CNTR.

Loan Limit

Loan Limit. Loans in excess of this amount (in thousands of dollars) can be subject to special processing by the application.
Numeric, 9 positions, FLS O85 LOAN_LIMIT.

0244 – General Ledger Interface

Purpose

This form is used to enter new and maintenance information to MICM. The information is used for processing General Ledger transactions.

Key Panel

```
0244K     INFPOPR          General Ledger Interface          0001  08-12-1998


   Enter the following key parameters:


     Function  . . . . . .  _                    B (Browse)
                                                 C (Copy)
                                                 D (Delete)
                                                 M (Maintenance)
                                                 N (New)
                                                 Space (Inquiry only)

     Application . . . . .  __                   (01 - 99)

     Accumulator Nbr . . .  ___                  (0000- 999)

     Branch Number . . . .  _____                (00000 - 99999)

     Account Type  . . . .  ___                  (000 - 999)

   Command===> 0244
   F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0244 – General Ledger Interface

Field Descriptions

Function

Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Application

Application. Application number to which this information applies. It must be greater than zero.
Numeric, 2 positions, required.

Accumulator Nbr

Accumulator Number. Accumulator number to which this information applies. This number is associated to the accumulators contained on the Total Activity File. Leading blanks are permitted.
Numeric, 3 positions, required.

Branch Number

Branch Number. Branch number to which this information applies. Leading blanks are permitted.
Numeric, 5 positions, required.

Account Type   Account Type. Type of account to which this information applies. Leading blanks are permitted.
Numeric, 3 positions, required.

Primary Panel

```
0244      INFPOPR          General Ledger Interface         0001  08-12-1998

                                                                  Delete _
     Application  . : 1   Accumulator Nbr: 1   Branch Number  : 1
     Account Type . : 1

     Amount Desc  . . _____
     Amount Account   0
     Amount Dr/Dr . . C
     Cost Center  . . 0
     Nbr Total Desc   _____
     Nbr Total Acct   0
     Nbr Total Dr/Cr  C
     Offset Amt Desc  _____
     Offset Amt Acct  0
     Offset Cost Ctr  0
     Offset Nbr Desc  _____
     Offset Nbr Acct  0



     Command===> 0244,B,1,1,1,1
     F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
     F14=Copy
```

0244 – General Ledger Interface

Delete   Status Code. Maintenance form allows you to delete an entire record from the file. Valid entries are:

     ƀ   Keep this record.
     D   Delete this record.
Alphanumeric, 1 position.

Amount Total

Amount total information.

Amount Desc   Amount Description. General Ledger description of this transaction.
Alphanumeric, 50 position, FLS O87 AMT_DESC.

Amount Account   Amount Total Account. General Ledger account number to which this transaction applies. Leading blanks are permitted.
Numeric, 15 positions, FLS O87 AMT_ACCT.

Amt Dr/Cr   Amount Total Debit/Credit Code. Debit/credit code which identifies this transaction as a debit or credit. Valid entries are:

     C   Credit.
     D   Debit.
     X   Do not generate a transaction regardless if there are entries for this accumulator in subsequent levels.
Alphanumeric, 1 position, FLS O87 AMT_DR_CR_CODE.

Cost Center	Cost Center. Cost center to which this transaction applies. Leading blanks are permitted. *Numeric, 15 positions, FLS O87 AMT_COST_CNTR.*

Number Total

Number total information.

Nbr Total Desc	Number Total Description. General Ledger description of this transaction. *Alphanumeric, 50 positions, FLSO87 NBR_DESC.*
Nbr Total Acct	Number Total Account. General Ledger account number to which this transaction applies. Leading blanks are permitted. *Numeric, 15 position, FLS O87 NBR_ACCOUNT.*

Nbr Total Dr/Cr	Number Total Debit/Credit Code. Debit/credit code which identifies this transaction as a debit or credit. Valid entries are:
	  C Credit.
	  D Debit.
	  X Do not generate a transaction regardless if there are entries for this accumulator in subsequent levels.
	Alphanumeric, 1 position, O87 NBR_DR_CR_CODE.

Offset Amount Total

Offset amount total information.

Offset Amt Desc	Offset Amount Description. General Ledger description of this offset transaction. *Alphanumeric, 50 positions, FLS O87 AMT_TOT_DESC.*
Offset Amt Acct	Offset Amount Total Account. General Ledger account number to which this offset transaction applies. Leading blanks are permitted. *Numeric, 15 positions, FLS O87 AMT_TOT_ACCT.*
Offset Cost Ctr	Offset Cost Center. Cost center to which this offset transaction applies. Leading blanks are permitted. *Numeric, 15 positions, FLS O87 AMT_TOT_CNTR.*

Offset Number Total

Offset number total information

Off Nbr Desc	Offset Number Total Description. General Ledger description of this offset transaction. *Alphanumeric, 50 positions, FLS O87 NBR_TOT_DESC.*

Off Nbr Acct
Offset Number Total Account. General Ledger account number to which this offset transaction applies. Leading blanks are permitted.
Numeric, 15 positions, FLS O87 NBR_TOT_ACCT.

0245 – General Ledger Interface

Purpose   This panel is used for adding new or maintaining existing General Ledger
                       interface information. The information is used for the processing of General
                       Ledger transactions.

Key Panel

```
0245K     INFPOPR          General Ledger Interface        0001  08-12-1998

Enter the following key parameters:

  Function  . . . . . . n                   B (Browse)
                                            C (Copy)
                                            D (Delete)
                                            M (Maintenance)
                                            N (New)
                                            Space (Inquiry only)

  Processing Mgr  . . . 99                  (00 - 99)

  Application Nbr . . . 01                  (01 - 99)

  Accumulator Nbr . . . 001                 (000 - 999)

  Branch Number . . . . 00000               (00000 - 99999)

  Account Type  . . . . 000                 (000 - 999)

Command===> 245
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0245 – General Ledger Interface

Field Descriptions

Function   Function Code. Valid entries are:
                       ƀ   Inquiry only.
                       B   Browse.
                       C   Copy.
                       D   Delete.
                       M   Maintenance.
                       N   New.
                       Alphanumeric, 1 position.

Processing Mgr   Processing Manager Number. Processing manager number to which this
                       information applies. Valid entries are **00 – 99**.
                       Numeric, 2 positions, FLS O89 MANAGER_NBR.

Application Nbr   Application Number. Application number to which this information applies.
                       It must be greater than zero.
                       Numeric, 2 positions, FLS O89 APPL_CODE.

Accumulator Nbr   Accumulator Number. Accumulator number to which this information applies.
                       This number is associated with accumulators contained on the Total Activity File.
                       Numeric, 3 positions, FLS O89 ACCUM_NBR.

Branch Number   Branch Number. Branch number to which this information applies.
                       Numeric, 5 positions, FLS O89 BRANCH.

Account Type   Type. Type of account to which this information applies.
                       Numeric, 3 positions, FLS O89 ACCT_TYPE.

Primary Panel

```
 0245      INFPOPR          General Ledger Interface      0001  08-12-1998

                                                              Delete _
 Processing Mgr   99      Application Nbr. 1   Accumulator Nbr  1
 Branch Number    0       Account Type . . 0

 Amount Desc  . . debits posted_____
 Amount Account   123
 Amount Dr/Cr . . C
 Cost Center  . . 1
 Nbr Total Desc   debits posted_____
 Nbr Total Acct   1
 Nbr Total Dr/Cr  C
 Offset Amt Desc  checks posted_____
 Offset Amt Acct  1
 Offset Amt Ctr   1
 Offset Nbr Desc  checks posted_____
 Offset Nbr Acct  1



 Command===> 0245,N,99,1,1,0,0
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0245 – General Ledger Interface

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                       file. Valid entries are:
                       ƀ   Keep this record.
                       D   Delete this record.
                       Alphanumeric, 1 position, FLS O89.

Amount Total

                       Amount total information.

Amount Desc   Amount Description. Total General Ledger description of this transaction.
                       Alphanumeric, 50 positions, FLS O89 AMT_DESC.

Amount Account   Amount Account Number. Total General Ledger account number to which this
                       transaction applies.
                       Numeric, 15 positions, FLS O89 AMT_ACCT.

Amount Dr/Cr	Amount Total Debit/Credit Code. Identifies this transaction as a debit or credit. Valid entries are:

- **C** Credit.
- **D** Debit.
- **X** Do not generate a transaction regardless if there are entries for this accumulator in subsequent levels.

Alphanumeric, 1 position, FLS O89 AMT_DR_CR_CODE.

Cost Center	Amount Cost Center. Center to which this transaction applies. *Numeric, 15 positions, FLS O89 AMT_COST_CENTER.*

Number Total

Number total information.

Nbr Total Desc	Number Total Description. General Ledger Description of this transaction. *Alphanumeric, 50 positions, FLS O89 NBR_DESC.*
Nbr Total Acct	Number Total General Ledger Account Number. Number total General Ledger account number to which this transaction applies. *Numeric, 15 positions, FLS O89 NBR_ACCT.*
Nbr Total Dr/Cr	Number Total Debit/Credit Code. Identifies this transaction as a debit or credit. Valid entries are:

- **C** Credit.
- **D** Debit.
- **X** Do not generate a transaction regardless if there are entries for this accumulator in subsequent levels.

Alphanumeric, 1 position, FLS O89 NBR_DR_CR_CODE.

Offset Amount Total

Offset amount total information.

Offset Amt Desc	Offset Amount Total General Ledger Description. Amount total General Ledger description of this offset transaction. *Alphanumeric, 50 positions, FLS O89 AMT_TOTAL_DESC.*
Offset Amt Acct	Offset Amount Total General Ledger Account Number. Amount total General Ledger account number to which this offset transaction applies. *Numeric, 15 positions, FLS O89 AMT_TOTAL_ACCT.*
Offset Amt Ctr	Offset Amount Cost Center. Cost center to which this offset transaction applies. *Numeric, 15 positions, FLS O89 AMT_TOT_CNTR.*

Offset Number Total

Offset number total information

Offset Nbr Desc

Offset Number Total General Ledger Description. Number total General Ledger description of this offset.
Alphanumeric, 50 positions, FLS O89 NBR_TOT_DESC.

Offset Nbr Acct

Offset Number Total General Ledger Account Number. Number total General Ledger account number to which this offset transaction applies.
Numeric, 15 positions, FLS O89 NBR_TOT_ACCT.

0248 – Cost Center Information

Purpose   This panel is used for adding new or maintaining existing cost center
                   information. This defines the cost centers used by various Infopoint applications
                   for reporting purposes.

Key Panel

```
 0248K    INFPOPR          Cost Center Information      0001  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . n               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)

   Cost Center . . . . . 123123123123123    (1 - 999999999999999)
   Language  . . . . . . en




 Command===> 248
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0248 – Cost Center Information

Field Descriptions

Function   Function Code. Valid entries are:
                   ƀ   Inquiry only.
                   B   Browse.
                   C   Copy.
                   D   Delete.
                   M   Maintenance.
                   N   New.
                   Alphanumeric, 1 position.

Cost Center   Cost Center. Cost Center number assigned to the cost center name being entered.
                   Must be greater than zero. Valid entries are **1** – **999999999999999**.
                   Numeric, 15 positions, FLS O99 COST_CNTR.

Language   Language Code. Valid entries are defined on MICM Record 2022 (Valid
                   Language Codes Table Record). Codes that can be used are indicated with 'Y' in
                   the Usage field.
                   Alphanumeric, 2 positions, FLS O99 LANG_CODE.

Primary Panel

```
0248      INFPOPR          Cost Center Information      0001  08-12-1998

                                                                Delete _

Cost Center  . . 123123123123123
Language . . . . en

Cost Cnt Name     test for micm documentation_____




                                                          



Command===> 0248,N,123123123123123,EN
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0248 – Cost Center Information

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
- ƀ   Keep this record.
- **D**   Delete this record.

Alphanumeric, 1 position, FLS O99.

Cost Cnt Name

Cost Center Name.
Alphanumeric, 50 positions, FLS O99 COST_CNTR_NAME.

0301 – Application System Option Flags

Purpose

This panel is used for adding new or maintaining existing application system option flag information. An application can have up to 100 flags defined with *application-specific* values. For a list of the option flags and values used by other Infopoint applications, refer to the *Procedures Guide* for that application. MICM does not use any system option flags at this time.

Key Panel

```
0301K     INFPOPR       Application System Option Flags      0001  08-12-1998


  Enter the following key parameters:

    Function  . . . . . . n               B (Browse)
                                          C (Copy)
                                          D (Delete)
                                          M (Maintenance)
                                          N (New)
                                          Space (Inquiry only)

    Application Nbr. . 99                 (00 - 99)




  Command===> 301
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0301 – Application System Option Flags

Field Descriptions

Function

Function Code. Valid entries are:

   ƀ   Inquiry only.
   B   Browse.
   C   Copy.
   D   Delete.
   M   Maintenance.
   N   New.
Alphanumeric, 1 position.

Application Nbr

Application Number. A user-defined numeric code assigned to each Infopoint application. Refer to the WS-CIFAPPLCODES section in MICM *Reference Guide 1* for a complete listing.
Numeric, 2 positions, FLS O63 APPL_CODE.

Primary Panel

```
 0301      INFPOPR     Application System Option Flags   0001  08-12-1998
                                                              Delete _

 Application Nbr . 00

 Option Flags 01 - 100
 ========================================================================
 01 _    02 _    03 _    04 _    05 _    06 _    07 _    08 _    09 _    10 _
 11 _    12 _    13 _    14 _    15 _    16 _    17 _    18 _    19 _    20 _
 21 _    22 _    23 _    24 _    25 _    26 _    27 _    28 _    29 _    30 _
 31 _    32 _    33 _    34 _    35 _    36 _    37 _    38 _    39 _    40 _
 41 _    42 _    43 _    44 _    45 _    46 _    47 _    48 _    49 _    50 _
 51 _    52 _    53 _    54 _    55 _    56 _    57 _    58 _    59 _    60 _
 61 _    62 _    63 _    64 _    65 _    66 _    67 _    68 _    69 _    70 _
 71 _    72 _    73 _    74 _    75 _    76 _    77 _    78 _    79 _    80 _
 81 _    82 _    83 _    84 _    85 _    86 _    87 _    88 _    89 _    90 _
 91 _    92 _    93 _    94 _    95 _    96 _    97 _    98 _    99 _   100 _


 Command===> 0301,N,99
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0301 – Application System Option Flags

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                          file. Valid entries are:
                             ƀ   Keep this record.
                             D   Delete this record.
                          Alphanumeric, 1 position, FLS O63.

Option Flags 01 – 100   System Option Flags. Description of the flags differs according to the specific
                          application accessing these option flags.
                          Alphanumeric, 1 position, 100 times, FLS O63 OPTION_FLAG_1-100.

0307 – Application System Report Flags

Purpose

This panel is used for adding new or maintaining existing application system report flag information. The information is used for selecting various reports produced by an application. A maximum of 9 records per application can be added. Each report selection specifies the sort option, the form on which the report is printed, and the print option. Refer to the *Reference Guide* for information regarding the individual application. When reports are turned on at this level, the application produces report records. Changing this record requires a re-run or a new posting run to get the new results. Once reports are turned on, the application produces the necessary report records to print reports. The control card in the print programs determines which reports are actually printed.

Key Panel

```
0307K     INFPOPR     Application System Report Flags     0001  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Application Nbr . . . 99             (00 - 99)

   Record Number . . . . 1             (1 - 9)




 Command===> 307
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0307 – Application System Report Flags

Field Descriptions

Function

Function Code. Valid entries are:

- **b̶** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Application Nbr

Application Number. Number to which this information applies.
Numeric, 2 positions, FLS O65 APPL_CODE.

Record Number   Record Number. Record number depending upon the report selection entries as follows:

Record 1 – Reports 01 – 20.
Record 2 – Reports 21 – 40.
Record 3 – Reports 41 – 60.
Record 4 – Reports 61 – 80.
Record 5 – Reports 81 – 100.
Record 6 – Reports 101 – 120.
Record 7 – Reports 121 – 140.
Record 8 – Reports 141 – 160.
Record 9 – Reports 161 – 180.
Numeric, 1 position, FLS O65 RECORD_NBR_ID.

Primary Panel

```
0307      INFPOPR      Application System Report Flags     0001  08-12-1998

                                                              Delete _
Application Nbr. 99                Record Number    1


Nbr Sort Form Print        Nbr Sort Form Print        Nbr Sort Form Print
 1  00   st   1             2  00   st   1             3  00   st   1
 4  00   st   1             5  00   st   1             6  00   st   1
 7  00   st   1             8  00   st   1             9  00   st   1
10  00   st   1            11  00   st   1            12  00   st   1
13  00   st   1            14  00   st   1            15  00   st   1
16  00   st   1            17  00   st   1            18  00   st   1
19  00   st   1            20  00   st   1




Command===> 0307,N,99,1
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0307 – Application System Report Flags

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
    ƅ   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O65.

Nbr   Report Flags. Flags are identified by the Number 01 – 20 beside each option. Each report option is separated into 3 sections: Sort Sequence, Form Code, and Print/Fiche Code.

Sort
Report Sort Options. Two-position field for controlling the sort sequence of each report. The first position controls the first 4 sort fields, while the second position controls the last 4 sort fields. Refer to the Procedures chapter in this guide for definitions of this field.
Alphanumeric or spaces, 2 positions, FLS O65 SORT_OPTION_1-20.

Form
Report Form Code. Two positions specifying the form code. This user-defined code specifies the form that is used for printed reports. You should consult your data center before adding or changing this code. A character other than **A** through **K** in the first position with any character in the second position directs the reports to be printed on the standard printer, PRINTRfc. The reports can be directed to alternate printers by placing any character in the second position with one of the following characters in the first position.

ƀ	Reports are sent to PRINTR for MVS and SYS015 for VSE.
A – J	Reports are sent to printers A through J. VSE users should use SYS030 – SYS039. MVS users should use print A through print J.
K	Reports are printed on disk. For VSE use SYS001 and MVS use PRINTK.

Alphanumeric, 2 positions, FLS O65 FORM_CODE_R.

Print
Report Print/Fiche Code. This code directs the report to be printed, not to be printed, or sent to fiche. Valid entries are:

0	Do not print.
1	Print only, no fiche.
2	Print and fiche.
3	Fiche only.

Numeric, 1 position, FLS O65 PRINT_FICHE_1-20.

0316 – Source Code Description

Purpose   This panel is used for adding new or maintaining up to 2 lines of source code
                       descriptions of monetary transactions. The descriptions can appear on the
                       printed statements. This record ties directly with MICM Record 2013
                       (Transaction Code Parameters). The source code on MICM Record 2013 is used
                       to relate to the source code established here. An additional option on MICM
                       Record 2013 controls which lines to choose. This record allows one or both lines
                       of descriptions to appear on customer's statements.

Key Panel

```
0316K      INFPOPR          Source Code Description          0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

   Source Code . . . . . 8724                 (0000 - 9999)

   Language  . . . . . . en




Command===> 316
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0316 – Source Code Description

Field Descriptions

Function   Function Code. Valid entries are:
                       ƀ   Inquiry only.
                       B   Browse.
                       C   Copy.
                       D   Delete.
                       M   Maintenance.
                       N   New.
                       Alphanumeric, 1 position.

Source Code   Source Code. Source code number to which this information applies. This field
                       corresponds with the source code field on MICM Record 2013.
                       Numeric, 4 positions, FLS O66 SOURCE_CODE.

Language   Language Code. Valid entries are defined on MICM Record 2022 (Valid
                           Language Codes Table Record). Codes that can be used are indicated with 'Y' in
                           the Usage field.
                           Alphanumeric, 2 positions, FLS O66 LANG_CODE.

Primary Panel

```
0316      INFPOPR              Source Code Description        0001  08-12-1998

                                                                    Delete _

       Source Code  . . 8724
       Language . . . . EN

       Description 1    service charge for lobby fee
       Description 2    Lobby Fee








       Command===> 0316,N,8724,EN
       F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0316 – Source Code Description

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                           file. Valid entries are:
                               ƀ   Keep this record.
                               D   Delete this record.
                           Alphanumeric, 1 position, FLS O66.

Description 1   Source Code Description. Description of the source code contained in this record.
                           Alphanumeric, 40 positions, FLS O66 DESC_1.

Description 2   Source Code Description. Second line of description for the source code
                           contained in this record.
                           Alphanumeric, 40 positions, FLS O66 DESC_2.

0320 – Deposits Fund Name and Address

Purpose   This panel is used for adding new or maintaining existing ACH and fund sweeping information. It identifies the fund name and address.

Key Panel

```
0320K     INFPOPR       Deposits Fund Name And Address     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Fund Number . . . . . 8724_          (00000 - 99999)




 Command===> 320
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0320 – Deposits Fund Name and Address

Field Descriptions

Function   Function Code. Valid entries are:
- **b̸** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Fund Number   Fund Number. Number to which this information applies.
Numeric, 5 positions, FLS O67 FUND_NBR.

Primary Panel

```
0320      INFPOPR      Deposits Fund Name And Address     0001  08-12-1998

                                                            Delete _
        Fund Number  . . 8724

        Fund Name  . . . Schwab and Associates
        Fund Address . . 2340 Maitland Center Parkway
        Fund City/State  Maitland, Fl
        Zip Code . . . . 32751 2340
        Postal Code  . . 4561234567






        Command===> 0320,N,8724
        F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0320 – Deposits Fund Name And Address

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the
file. Valid entries are:
   ƀ   Keep this record.
   D   Delete this record.
Alphanumeric, 1 position, FLS O67.

Fund Name

Fund Name. Complete fund name associated with fund number in the key.
Alphanumeric, 45 positions, FLS O67 NAME.

Fund Address

Fund Address. First and second line of the fund address.
Alphanumeric, 40 positions, FLS O67 ADDRESS_1.

Fund City/State

Fund Address. First and second line of the fund address.
Alphanumeric, 40 positions, FLS O67 ADDRESS_2.

Zip Code

ZIP Code. This field is left-justified and zeros must be entered in unused
positions.
Numeric, 5 positions, FLS O67 ZIP_CODE.

(Zip Code Extension)

ZIP Code Extension. This field is left-justified and zeros must be entered in
unused positions.
Numeric, 4 positions, FLS O67 ZIP_EXTN.

Postal Code

Postal Code. Postal code, can be any value, including spaces. Refer to the U.S. Postal Service ZIP Code Directory for the proper format of Canadian postal codes.
Alphanumeric, 10 positions, FLS O67 POSTAL_CODE.

0322 – Deposits Fund Sweeping Destination Information

Purpose   This panel is used for adding new or maintaining existing ACH and fund sweeping information. The panel contains the origin and destination information used for the ACH Format File Header Record. This panel can only be accessed by users, signed on under Institution 0000.

Key Panel

```
 0322K     INFPOPR    Deposits Fund Sweep Destination Info    0001  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . n               B (Browse)
                                          C (Copy)
                                          D (Delete)
                                          M (Maintenance)
                                          N (New)
                                          Space (Inquiry only)

    Destination Nbr . . . 888             (000 - 999)




 Command===> 322
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0322 – Deposits Fund Sweeping Destination Information

Field Descriptions

Function   Function Code. Valid entries are:
        b   Inquiry only.
        B   Browse.
        C   Copy.
        D   Delete.
        M   Maintenance.
        N   New.
     Alphanumeric, 1 position.

Destination Nbr   Destination Number. Number to which this information applies.
     Numeric, 3 positions, FLS O68 DSTIN_NBR.

Primary Panel

```
0322      INFPOPR    Deposits Fund Sweep Destination Info  0001  08-12-1998

                                                             Delete _
     Destination Nbr  888

     Origin R/T Name  FEDERAL RESERVE SOUTH
     Reference Code   branch 1
     Dest R/T Name    miami first south
     Origin R/T Nbr   777711111
     Dest R/T Number  888822222




     Command===> 0322,N,888
     F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

0322 – Deposits Fund Sweeping Destination Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are: ƀ Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS O68.*
Origin R/T Name	Origination Routing-transit Number Name. Routing-transit number from the point of origin. *Alphanumeric, 23 positions, FLS O68 ORIG_NAME.*
Reference Code	Reference Code. Code referencing additional information pertinent to the sender. *Alphanumeric, 8 positions, FLS O68 REF_CODE.*
Dest R/T Name	Destination Routing-transit Number Name. Name assigned to the destination routing-transit number. *Alphanumeric, 23 positions, FLS O68 DEST_NAME.*
Origin R/T Nbr	Origination Routing-transit Number. Routing-transit number from the point of origin. *Numeric, 9 positions, FLS O68 ORIG_ROUTNG_NBR.*
Dest R/T Number	Destination Routing-transit Number. Routing-transit number of the destination or receiving point. *Numeric, 9 positions, FLS O68 DEST_RTNG_NBR.*

0323 – Deposits Fund Sweeping Institution Information

Purpose

This panel is used for adding new or maintaining existing ACH and fund sweeping information. The panel contains the institution information used for building the ACH Format Batch Header Record, the Batch Control Record, and the trace number in the Entry Detail Record. Only one of these records exists per institution.

Key Panel

```
0323K     INFPOPR    Deposits Fund Sweep Inst Information    0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)








 Command===> 323
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0323 – Deposits Fund Sweep Institution Information

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ Inquiry only.
- **B** Browse.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Primary Panel

```
 0323     INFPOPR    Deposits Fund Sweep Inst Information  0001    08-12-1998
                                                                   Delete _


  Inst Name  . . . MIAMI 1ST SOUTH
  Federal Id Nbr   1237894564
  Origin R/T Nbr   777711111
  Orig Status Cd   2
  Svc Class Code   200







  Command===> 0323,N
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0323 – Deposits Fund Sweep Institution Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	  ƀ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS O69.

Inst Name	Institution Name. Institution name to which this information applies. *Alphanumeric, 16 positions, FLS O69 NAME.*
Federal Id Nbr	Federal Identification Number. Federal identification number assigned to the institution. *Numeric, 10 positions, FLS O69 FEDERAL_ID_NBR.*
Origin R/T Nbr	Originator Routing-transit Number. Routing-transit number of the originating institution. *Numeric, 9 positions, FLS O69 ORIG_ROUTNG_NBR.*

Orig Status Cd	Originator Status Code. Code indicating to the receiving DFI that the entries were transmitted in a given batch to the ACH. Valid entries are:
	  0 Originator other than originating DFI, federal government agency or Federal Reserve Member institution.
	  1 Originating DFI.
	  2 Federal government agency.
	  3 Federal Reserve member institution.
	Alphanumeric, 1 position, FLS O69 ORIG_STATUS.

Svc Class Code   Service Class Code. Code identifies the general classification of dollar entries to
                           be exchanged. Valid entries are:
                               200   ACH entries with mixed debits and credits.
                               220   ACH credits only.
                               225   ACH debits only.
                               290   Reserved for magnetic tape with clearing entries.
                           Numeric, 3 positions, FLS O69 SVC_CLASS_CODE.

0324 – Deposits Fund Sweeping Fund Information

Purpose   This panel is used for adding new or maintaining existing ACH and fund
               sweeping information. The panel contains the fund information used for
               building the ACH Format Entry Detail Record, the Batch Header Record, and the
               Batch Control Record.

Key Panel

```
0324K     INFPOPR    Deposits Fund Sweep Fund Information   0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Fund Number . . . . . 88888          (00000 - 99999)




 Command===> 324
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0324 – Deposits Fund Sweeping Fund Information

Field Descriptions

Function   Function Code. Valid entries are:
               b   Inquiry only.
               B   Browse.
               C   Copy.
               D   Delete.
               M   Maintenance.
               N   New.
               Alphanumeric, 1 position.

Fund Number   Fund Number. Number to which this information applies.
               Numeric, 5 positions, FLS O70 FUND_NBR.

Primary Panel

```
0324      INFPOPR    Deposits Fund Sweep Fund Information  0001  08-12-1998

                                                         Delete _
     Fund Number  . . 88888

     Bank Disc  . . . MIAMI 1ST SOUTH
     Fund Desc  . . . CORRESPOND
     Entry Class  . . SEA
     Debit Code . . . 25
     Credit Code  . . 20
     Recv DFI R/T Nb  777711111
     Dest Number  . . 2






     Command===> 0324,N,88888
     F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0324 – Deposits Fund Sweeping Fund Information

Field Descriptions

Delete
: Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
  b Keep this record.
  D Delete this record.
  Alphanumeric, 1 position, FLS O70.

Bank Disc
: Institution Discretionary Data. Identifies additional information desired by the institution which is only significant to them.
  Alphanumeric, 20 positions, FLS O70 ACH_D_DATA.

Fund Desc
: Fund Entry Description.
  Alphanumeric, 10 positions, FLS O70 ACH_DESC.

Entry Class
: Standard Entry Class. Identifies the 2 kinds of paperless entries. Valid entries are:
  PPD Prearranged payments and deposits.
  SEA Single entry authorization.
  Alphanumeric, 3 positions, FLS O70 ACH_ENTRY_CLASS.

Debit Code
Debit Code. Codes indicating debit type entries for Demand Deposit and Savings accounts.

Valid entries for Demand Deposit debit are:
   25   Reserved.
   26   Debit entry to return automated payment.
   27   Automated payment.
   28   Pre-notification of demand debit authorization (non-dollar).
   29   Pre-notification of demand debit/mailed authorization

Valid entries for Savings debit are:
   35   Reserved.
   36   Debit entry to return automated deposit.
   37   Automated payment.
   38   Pre-notification of Savings debit authorization (non-dollar).
   39   Pre-notification of Savings debit/mailed authorization
Numeric, 2 positions, FLS O70 ACH_DR_CODE.

Credit Code
Credit Code. Codes indicating credit type entries for Demand Deposit and Savings accounts.

Valid entries for Demand Deposit credit are:
   20   Reserved.
   21   Credit entry to return automated deposit.
   22   Automated deposit.
   23   Pre-notification of demand credit authorization (non-dollar).
   24   Pre-notification of demand credit/mailed authorization (non-dollar).

Valid entries for Savings credit are:
   30   Reserved.
   31   Credit entry to return automated deposit.
   32   Automated deposit.
   33   Pre-notification of Savings credit authorization (non-dollar).
   34   Pre-notification of Savings credit/mailed authorization (non-dollar).
Numeric, 2 positions, FLS O70 ACH_CR_CODE.

Recv DFI R/T Nb
Receiving DFI Routing. Routing-transit number of the receiving depository financial institution.
Numeric, 9 positions, FLS O70 ACH_RECV_DFI.

Dest Number
Destination Number. Number that was assigned as the destination which points back to MICM Record 0322 (Deposits Fund Sweeping Destination Information).
Numeric, 3 positions, FLS O70 ACH_DSTIN_NBR.

0390 – Regulation CC Institution Parameters

Purpose

Regulation CC institution parameters information, both new and maintenance, is entered to MICM with this panel. This panel establishes the set of institution parameters necessary for exception processing in the Expedited Funds Availability Scheduler (EFAS). Through this panel you can specify the processing sequence for DDA exceptions and the institution name/address options for generation of notices.

Key Panel

```
0390K     INFPOPR     Regulation CC Institution Parameters     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)








 Command===> 390
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0390 – Regulation CC Institution Parameters

Field Descriptions

Function

Function Code. Valid entries are:

ƀ Inquiry only.
B Browse.
D Delete.
M Maintenance.
N New.

Alphanumeric, 1 position.

Primary Panel

```
 0390      INFPOPR    Regulation CC Institution Parameters  0001  08-12-1998

                                                          Delete _

 Inst N/A Option  N  Safeguard Days  1  Zero Day Float   N ATM Option . . . N
 ATM Available    G

 New Acct Seq . . 1  Excs Od Seq  . . 1  Excs Return Seq  1 High Risk Seq    1

 Def Bank Float   1  Def Cust Float   2  Def Lmtlb B/F    1 Def Lmtlb C/F    2
 Def Manned B/F   1  Def Manned C/F   2  Def Unmanned BF  1 Def Unmanned CF  2

 Max Lmtlib B/F   2  Max Lmtlib C/F   3  Max Local B/F    2 Max Local C/F    3
 Max N-Local B/F  1  Max N-Local C/F  1  Max N-Cntig B/F  2 Max N-Cntig C/F  3
 Max On Us B/F    0  Max On Us C/F    1  Max Cash B/F . . 0 Max Cash C/F . . 0
 Max N-Check B/F  0  Max N-Check C/F  1



 Command===> 0390,N
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0390 – Regulation CC Institution Parameters

Field Descriptions

Delete   Status Code. Valid entries are:
                      ƀ   Keep this record.
                      D   Delete this record.
                      Alphanumeric, 1 position, FLS O90.

Inst N/A Option   Institution Name and Address Option. Used to determine if the institution name
                      and address are to be printed on special forms. Valid entries are:
                      C   Print the institution name and address on special forms.
                      N   Do not print the institution name and address on special forms.
                      Alphanumeric, 1 position, FLS O90 NAME_ADDR_OPT.

Safeguard Days   Safeguard Days. Number of calendar days used to calculate an expiration date if
                      none is entered.
                      Numeric, 2 positions, FLS O90 S_DAYS.

Zero Day Float   Zero Day Float. Indicates if items with zero-day float assigned are to be
                      increased if an exception is invoked. Valid entries are:
                      N   Do not adjust zero-day float items if an exception is invoked.
                      Y   Increase zero-day float items if an exception is invoked.
                      Alphanumeric, 1 position, FLS O90 ZERO_DAY_FLT.

ATM Option   Nonproprietary ATM Processing. Controls how non-proprietary ATM deposits are handled. Valid entries are:
    N   Item is not subject to safeguard or DDA exception processing. The item is processed as a non-local item.
    Y   Item is subject to additional float due to safeguard or DDA exceptions.
Alphanumeric, 1 position, FLS O90 NON_ATM.

ATM Available   Nonproprietary ATM Availability. Reserved for future use.
Alphanumeric, 1 position, FLS O90 NON_ATM_AVAIL.

New Acct Seq   New Account Exception Decision Sequence. Enter a value from to **1 – 4** to establish the exception processing sequence. Valid entries are:
    1   New account processing.
    2   High-risk processing.
    3   Excessive overdraft processing.
    4   Excessive return check processing.
Numeric, 1 position, FLS O90 NEW_ACCT_SEQ.

Excs Od Seq   Excessive Overdraft Exception Decision Sequence. Enter a value from **1 – 4** to establish the exception processing sequence. Valid entries are:
    1   New account processing.
    2   High-risk processing.
    3   Excessive overdraft processing.
    4   Excessive return check processing.
Numeric, 1 position, FLS O90 EXCS_OD_SEQ.

Excs Return Seq   Excessive Return Check Exception Decision Sequence. Enter a value from **1 – 4** to establish the exception processing sequence. Valid entries are:
    1   New account processing.
    2   High-risk processing.
    3   Excessive overdraft processing.
    4   Excessive return check processing.
Numeric, 1 position, FLS O90 EXCS_RET_CHK_S.

High Risk Seq   High Risk Sequence. Controls the sequence of exception processing. Once an item has float increased, it is not subject to an additional exception. Valid entries are:
    1   New account processing.
    2   High-risk processing.
    3   Excessive overdraft processing.
    4   Excessive return check processing.
Numeric, 1 position, FLS O90 HIGH_RISK_SEQ.

Def Bank Float   Default Bank Float. Default for bank float days for all other categories.
Numeric, 2 positions, FLS O90 DFLT_BNK_FLT.

Def Cust Float   Default Customer Float. Default for customer float days for all other categories.
Numeric, 2 positions, FLS O90 DFLT_CUST_FLT.

Def Lmtlb B/F   Default Limited Liability Bank Float. Default for bank float days for this category.
                       Numeric, 2 positions, FLS O90 D_L_LIAB_BNK_F.

Def Lmtlb C/F   Default Limited Liability Customer Float. Default for customer float days for this category.
                       Numeric, 2 position, FLS O90 D_L_LIAB_CUST_F.

Def Mannned B/F   Default Bank Float for Manned Teller Station. Default for bank float if the transaction is generated from a manned teller station.
                       Numeric, 2 position, FLS O90 DFLT_BNK_FLT_M.

Def Manned C/F   Default Customer Float for Manned Teller Station. Default for customer float if the transaction is generated from a manned teller station.
                       Numeric, 2 position, FLS O90 DFLT_CUST_FLT_M.

Def Unmanned BF   Default Bank Float for Unmanned Teller Station. Default for bank float if the transaction is generated from an unmanned teller station.
                       Numeric, 2 positions, FLS O90 DFLT_BNK_FLT_U.

Def Unmanned CF   Default Customer Float for Unmanned Teller Station. Default for customer float if the transaction is generated from an unmanned teller station.
                       Numeric, 2 positions, FLS O90 DFLT_CUST_FLT_U.

Max Lmtlib B/F   Maximum Limited Liability Bank Float. Maximum number of bank float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_LIMT_BNK_F.

Max Lmtlib C/F   Maximum Limited Liability Customer Float. Maximum number of customer float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_LIMT_CUST_F.

Max Local B/F   Maximum Local Bank Float. Maximum number of bank float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_LOCL_BNK_F.

Max Local C/F   Maximum Local Customer Float. Maximum number of customer float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_LOCL_CUST_F.

Max N-Local B/F   Maximum Non-local Bank Float. Maximum number of bank float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_NON_L_BNK_F.

Max N-Local C/F   Maximum Non-local Customer Float. Maximum number of customer float days that can be assigned for this category.
                       Numeric, 2 positions, FLS O90 MAX_NON_CUST_F.

Max N-Cntig B/F — Maximum Non-contiguous Bank Float. Maximum number of bank float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_NON_C_BNK_F.

Max N-Cntig C/F — Maximum Non-contiguous Customer Float. Maximum number of customer float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_N_CUST_FLT.

Max On Us B/F — Maximum Bank Float for On-us Items. Maximum number of bank float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_ONUS_BNK_F.

Max On Us C/F — Maximum Customer Float for On-us Items. Maximum number of customer float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_ONUS_CUST_F.

Max Cash B/F — Maximum Bank Float for Cash. Maximum number of bank float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_CASH_B_FLT.

Max Cash C/F — Maximum Customer Float for Cash. Maximum number of customer float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_CASH_CUST_F.

Max N-Check B/F — Maximum Bank Float for Non-check Items. Maximum number of bank float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_NON_CHK_B_F.

Max N-Check C/F — Maximum Customer Float for Non-check Items. Maximum number of customer float days that can be assigned for this category.
Numeric, 2 positions, FLS O90 MAX_NON_CHK_C_F.

0391 – EFAS Type Process Parameters 1

Purpose   Expedited funds availability scheduler type process parameters information, both new and maintenance, is entered to MICM with this panel. This panel establishes the institution processing parameters for next-day availability processing in EFAS. Minimum dollar amounts and processing sequences are established for each transaction type. Processing options for mandatory and duplicate notices are specified.

Key Panel

```
0391K     INFPOPR       EFAS Type Process Parameters 1       0001  08-12-1998


   Enter the following key parameters:

     Function  . . . . . . N              B (Browse)
                                          C (Copy)
                                          D (Delete)
                                          M (Maintenance)
                                          N (New)
                                          Space (Inquiry only)
     Application Nbr . . . 99             (00 - 99)

     Type Code . . . . . . 001            (000 - 999)



 Command===> 391
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0391 – EFAS Type Process Parameters 1

Field Descriptions

Function   Function Code. Valid entries are:
                    ƀ   Inquiry only.
                    B   Browse.
                    C   Copy.
                    D   Delete.
                    M   Maintenance.
                    N   New.
                    Alphanumeric, 1 position.

Application Nbr   Application Number. This is the application number to which this information applies. Valid entries are **00 – 99**.
                    Numeric, 2 positions, FLS O91 APPL_CODE.

Type Code   Account Type. This is the application type to which this information applies.
                    Numeric, 3 positions, FLS O91 ACCT_TYPE.

Primary Panel

```
 0391      INFPOPR        EFAS Type Process Parameters 1      0001  08-12-1998

                                                                    Delete

 Application Nbr. 99
 Type Code  . . . 1

 Mandatory Amt    100
 Float Notice . . N
 Dupl Notice  . . N

 Lmtlib Seq . . . 1 Lmtlib Amount    0
 Local Sequence   1 Local Amount . . 0
 N-Local Seq  . . 1 N-Local Amount   0
 N-Contig Seq . . 1 N-Contig Amount  0
 On Us Sequence   1 On Us Amount . . 0
 Cash Sequence    1 Cash Amount  . . 0
 Non-Check Seq    1 N-Check Amount   0




 Command===> 0391,N,99,1
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0391 – EFAS Type Processing Parameters 1

Field Descriptions

Delete   Status Code. Valid entries are:
                         b   Keep this record.
                         D   Delete this record.
                         Alphanumeric, 1 position, FLS O91.

Mandatory Amt   Mandatory Amount. Amount required for mandatory next-day availability.
                         Numeric, 9 positions, FLS O91 MANDA_AMT.

Float Notice   Notice Print. Indicates if a notice is to be generated for all floats or only if a float
                         is increased due to an exception. Valid entries are:
                         N   Generate a notice only if an exception is invoked.
                         Y   Generate a notice to the customer for all floats.
                         Alphanumeric, 1 position, FLS O91 NOTICE_PRINT.

Dupl Notice   Duplicate Notice. Indicates if a notice is to be generated for items that have
                         already had a notice presented. Valid entries are:
                         N   Print duplicate notices separately.
                         Y   Print all notices together on Report 14.
                         Alphanumeric, 1 position, FLS O91 DUPLICT_NOTICE.

Lmtlib Seq

Mandatory Limited Liability Sequence. The following options control the mandatory next-day availability of funds for limited liability items. Valid entries are:

1   Consider limited liability items first for mandatory next-day availability.
2   Consider limited liability items second for mandatory next-day availability.
3   Consider limited liability items third for mandatory next-day availability.
4   Consider limited liability items fourth for mandatory next-day availability.
5   Consider limited liability items fifth for mandatory next-day availability.
6   Consider limited liability items sixth for mandatory next-day availability.
7   Consider limited liability items seventh for mandatory next-day availability.

Numeric, 1 position, FLS O91 MANDA_LIAB_SEQ.

Lmtlib Amount

Mandatory Limited Liability Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_LIAB_AMT.

Local Sequence

Mandatory Local Sequence. The following options control the mandatory next-day availability of funds for local items. Valid entries are:

1   Consider local items first for mandatory next-day availability.
2   Consider local items second for mandatory next-day availability.
3   Consider local items third for mandatory next-day availability.
4   Consider local items fourth for mandatory next-day availability.
5   Consider local items fifth for mandatory next-day availability.
6   Consider local items sixth for mandatory next-day availability.
7   Consider local items seventh for mandatory next-day availability.

Alphanumeric, 1 position, FLS O91 MANDA_LOCAL_SEQ.

Local Amount

Mandatory Local Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_LOCAL_AMT.

N-Local Seq

Mandatory Non-local Sequence. The following options control the mandatory next-day availability of funds for non-local items. Valid entries are:

1   Consider non-local items first for mandatory next-day availability.
2   Consider non-local items second for mandatory next-day availability.
3   Consider non-local items third for mandatory next-day availability.
4   Consider non-local items fourth for mandatory next-day availability.
5   Consider non-local items fifth for mandatory next-day availability.
6   Consider non-local items sixth for mandatory next-day availability.
7   Consider non-local items seventh for mandatory next-day availability.

Alphanumeric, 1 position, FLS O91 MANDA_NON_LOCAL.

N-Local Amount

Mandatory Non-local Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_N_LOCL_A.

N-Contig Seq   Mandatory Non-contiguous Sequence. The following options control the mandatory next-day availability of funds for non-contiguous items. Valid entries are:

    1   Consider non-contiguous items first for mandatory next-day availability.
    2   Consider non-contiguous items second for mandatory next-day availability.
    3   Consider non-contiguous items third for mandatory next-day availability.
    4   Consider non-contiguous items fourth for mandatory next-day availability.
    5   Consider non-contiguous items fifth for mandatory next-day availability.
    6   Consider non-contiguous items sixth for mandatory next-day availability.
    7   Consider non-contiguous items seventh for mandatory next-day availability.

Alphanumeric, 1 position, FLS O91 MANDA_N_CONT_S.

N-Contig Amount   Mandatory Non-local Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_N_CONT_A.

On Us Sequence   Mandatory On-us Sequence. The following options control the mandatory next-day availability of funds for on-us items. Valid entries are:

    1   Consider on-us items first for mandatory next-day availability.
    2   Consider on-us items second for mandatory next-day availability.
    3   Consider on-us items third for mandatory next-day availability.
    4   Consider on-us items fourth for mandatory next-day availability.
    5   Consider on-us items fifth for mandatory next-day availability.
    6   Consider on-us items sixth for mandatory next-day availability.
    7   Consider on-us items seventh for mandatory next-day availability.

Alphanumeric, 1 position, FLS O91 MANDA_ON_U_SEQ.

On Us Amount   Mandatory On-us Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_ON_U_AMT.

Cash Sequence   Mandatory Cash Sequence. The following options control the mandatory next-day availability of funds for cash items. Valid entries are:

    1   Consider cash items first for mandatory next-day availability.
    2   Consider cash items second for mandatory next-day availability.
    3   Consider cash items third for mandatory next-day availability.
    4   Consider cash items fourth for mandatory next-day availability.
    5   Consider cash items fifth for mandatory next-day availability.
    6   Consider cash items sixth for mandatory next-day availability.
    7   Consider cash items seventh for mandatory next-day availability.

Alphanumeric, 1 position, FLS O91 MANDA_CASH_SEQ.

Cash Amount   Mandatory Cash Amount. Minimum dollar amount to consider for next-day availability.
Numeric, 9 positions, FLS O91 MANDA_CASH_AMT.

Non-Check Seq   Mandatory Noncheck Sequence. The following options control the mandatory
                       next-day availability of funds for non-check items. Valid entries are:
                       1   Consider non-check items first for mandatory next-day availability.
                       2   Consider non-check items second for mandatory next-day availability.
                       3   Consider non-check items third for mandatory next-day availability.
                       4   Consider non-check items fourth for mandatory next-day availability.
                       5   Consider non-check items fifth for mandatory next-day availability.
                       6   Consider non-check items sixth for mandatory next-day availability.
                       7   Consider non-check items seventh for mandatory next-day availability.
                       Alphanumeric, 1 position, FLS O91 MANDA_N_CHK_SEQ.

N-Check Amount   Mandatory Noncheck Amount. Minimum dollar amount to consider for next-
                       day availability.
                       Numeric, 9 positions, FLS O91 MANDA_N_CHK_AMT.

0392 – EFAS Type Process Parameters 2

Purpose

Expedited funds availability scheduler type process parameters information, both new and maintenance, is entered to MICM with this panel. This panel establishes institution processing parameters for excessive deposit processing in EFAS. The excessive deposit cap and notice reason is specified, as well as the maximum dollar and processing sequences for each transaction type.

Key Panel

```
0392K      INFPOPR         EFAS Type Process Parameter 2        0001  08-12-1998


    Enter the following key parameters:


      Function  . . . . . . N              B (Browse)
                                           C (Copy)
                                           D (Delete)
                                           M (Maintenance)
                                           N (New)
                                           Space (Inquiry only)

      Application Nbr. 99

      Type Code  . . . 1




    Command===> 0392,N,99,1
     F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0392 – EFAS Type Process Parameters 2

Field Descriptions

Function

Function Code. Valid entries are:
- b̶   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Application Nbr

Application Number. This is the application number to which this information applies. Valid entries are **00 – 99**
Numeric, 2 positions, FLS O92 APPL_CODE.

Type Code

Account Type. This is the application type to which this information applies.
Numeric, 3 positions, FLS O92 ACCT_TYPE.

Primary Panel

```
0392      INFPOPR        EFAS Type Processing Parm 2      0001  08-12-1998

                                                              Delete _
        Application Nbr. 99
        Type Code  . . . 1

        Deposit Cap  . . 100
        Notice Print . . N
        Notice Reason    0

                                            Bank       Customer
                          Seq  Amount     Float Days   Float Days
        Limited Liability  1   50           1            2
        Local . . . . . . .1   0            0            1
        Non-Local . . . . .1   1000         2            3
        Non-Contiguous  . .1   1000         2            3
        On Us . . . . . . .1   0            0            0
        Cash  . . . . . . .1   0            0            0
        Non-Check . . . . .1   0            0            0


        Command===> 0392,N,99,1
        F1=Help  F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0392 – EFAS Type Processing Parameters 2

Field Descriptions

Delete	Status Code. Valid entries are: **ƀ** Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS O92.*
Deposit Cap	Excessive Deposit Cap. Amount of excess deposits subject to Regulation CC. Any amount over this cap has float adjusted accordingly. *Numeric, 9 positions, FLS O92 EXCS_DEP_CAP.*
Notice Print	Excessive Notice Indicator. Indicates if a notice is to be printed if this exception is invoked. *Alphanumeric, 1 position, FLS O92 EXCS_NOTICE_IND.*
Notice Reason	Excessive Exception Reason. Reason code used to retrieve notice reason. *Numeric, 3 positions, FLS O92 EXCS_EXCP_REAS.*

Limited Liability Seq	Excessive Limited Liability Sequence. The following options control the assignment of float for limited liability items exceeding the Regulation CC cap. Valid entries are:

    1   Consider limited liability items first for the amount covered by Regulation CC.

    2   Consider limited liability items second for the amount covered by Regulation CC.

    3   Consider limited liability items third for the amount covered by Regulation CC.

    4   Consider limited liability items fourth for the amount covered by Regulation CC.

    5   Consider limited liability items fifth for the amount covered by Regulation CC.

    6   Consider limited liability items sixth for the amount covered by Regulation CC.

    7   Consider limited liability items seventh for the amount covered by Regulation CC.

Alphanumeric, 1 position, FLS O92 EXCS_LIAB_SEQ.

Limited Liability Amount	Excessive Limited Liability Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_LIAB_AMT.*
Limited Liability Bank Float Days	Excessive Limited Liability Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_BANK_FLT.*
Limited Liability Customer Float Days	Excessive Limited Liability Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_CUST_FLT.*
Local Seq	Excessive Local Sequence. The following options control the assignment of float for local items exceeding the Regulation CC cap. Valid entries are:

    1   Consider local items first for the amount covered by Regulation CC.

    2   Consider local items second for the amount covered by Regulation CC.

    3   Consider local items third for the amount covered by Regulation CC.

    4   Consider local items fourth for the amount covered by Regulation CC.

    5   Consider local items fifth for the amount covered by Regulation CC.

    6   Consider local items sixth for the amount covered by Regulation CC.

    7   Consider local items seventh for the amount covered by Regulation CC.

Alphanumeric, 1 position, FLS O92 EXCS_LOCL_SEQ.

Local Amount	Excessive Local Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_LOCL_AMT.*
Local Bank Float Days	Excessive Local Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_LOCL_BANK.*

Local Customer Float Days	Excessive Local Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_LOCL_CUST.*
Non-Local Seq	Excessive Non-local Sequence. The following options control the assignment of float for non-local items exceeding the Regulation CC cap. Valid entries are:

      1   Consider non-local items first for the amount covered by Regulation CC.

      2   Consider non-local items second for the amount covered by Regulation CC.

      3   Consider non-local items third for the amount covered by Regulation CC.

      4   Consider non-local items fourth for the amount covered by Regulation CC.

      5   Consider non-local items fifth for the amount covered by Regulation CC.

      6   Consider non-local items sixth for the amount covered by Regulation CC.

      7   Consider non-local items seventh for the amount covered by Regulation CC.

Alphanumeric, 1 position, FLS O92 EXCS_NON_L_SEQ.

Non-Local Amount	Excessive Non-local Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_NON_L_AMT.*
Non-local Bank Float Days	Excessive Non-local Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_NON_L_BANK.*
Non-Local Customer Float Days	Excessive Non-local Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_NON_L_CUST.*
Non-Contiguous Seq	Excessive Non-contiguous Sequence. The following options control the assignment of float for non-contiguous items exceeding the Regulation CC cap. Valid entries are:

      1   Consider non-contiguous items first for the amount covered by Regulation CC.

      2   Consider non-contiguous items second for the amount covered by Regulation CC.

      3   Consider non-contiguous items third for the amount covered by Regulation CC.

      4   Consider non-contiguous items fourth for the amount covered by Regulation CC.

      5   Consider non-contiguous items fifth for the amount covered by Regulation CC.

      6   Consider non-contiguous items sixth for the amount covered by Regulation CC.

      7   Consider non-contiguous items seventh for the amount covered by Regulation CC.

Alphanumeric, 1 position, FLS O92 EXCS_N_CONT_SEQ.

Non-Contiguous Amount	Excessive Non-contiguous Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_N_CONT_AMT.*
Non-Contiguous Bank Float Days	Excessive Non-contiguous Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_N_CONT_B_F.*
Non-Contiguous Customer Float Days	Excessive Non-contiguous Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_N_CONT_C_F.*
On Us Seq	Excessive On-us Sequence. The following options control the assignment of float for on-us items exceeding the Regulation CC cap. Valid entries are: **1** Consider on-us items first for the amount covered by Regulation CC. **2** Consider on-us items second for the amount covered by Regulation CC. **3** Consider on-us items third for the amount covered by Regulation CC. **4** Consider on-us items fourth for the amount covered by Regulation CC. **5** Consider on-us items fifth for the amount covered by Regulation CC. **6** Consider on-us items sixth for the amount covered by Regulation CC. **7** Consider on-us items seventh for the amount covered by Regulation CC. *Alphanumeric, 1 position, FLS O92 EXCS_ON_U_SEQ.*
On Us Amount	Excessive On-us Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_ON_U_AMT.*
On Us Bank Float Days	Excessive On-us Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_ON_BANK.*
On Us Customer Float Days	Excessive On-us Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_ON_CUST.*
Cash Seq	Excessive Cash Sequence. The following options control the assignment of float for cash items exceeding the Regulation CC cap. Valid entries are: **1** Consider cash items first for the amount covered by Regulation CC. **2** Consider cash items second for the amount covered by Regulation CC. **3** Consider cash items third for the amount covered by Regulation CC. **4** Consider cash items fourth for the amount covered by Regulation CC. **5** Consider cash items fifth for the amount covered by Regulation CC. **6** Consider cash items sixth for the amount covered by Regulation CC. **7** Consider cash items seventh for the amount covered by Regulation CC. *Alphanumeric, 1 position, FLS O92 EXCS_CASH_SEQ.*
Cash Amount	Excessive Cash Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 EXCS_CASH_AMT.*
Cash Bank Float Days	Excessive Cash Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_CASH_B_FLT.*

Cash Customer Float Days	Excessive Cash Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_CASH_C_FLT.*
Non-Check Seq	Excessive Non-check Sequence. The following options control the assignment of float for non-check items exceeding the Regulation CC cap. Valid entries are:

1. Consider non-check items first for the amount covered by regulation CC.
2. Consider non-check items second for the amount covered by regulation CC.
3. Consider non-check items third for the amount covered by regulation CC.
4. Consider non-check items fourth for the amount covered by regulation CC.
5. Consider non-check items fifth for the amount covered by regulation CC.
6. Consider non-check items sixth for the amount covered by regulation CC.
7. Consider non-check items seventh for the amount covered by regulation CC.

Alphanumeric, 1 position, FLS O92 EXCS_NON_C-SEQ.

Non-Check Amount	Excessive Non-check Amount. Maximum amount to consider for the Regulation CC cap. *Numeric, 9 positions, FLS O92 ECS_NON_C_AMT.*
Non-Check Bank Float Days	Excessive Non-Check Bank Float. Increment to bank float days. *Numeric, 2 positions, FLS O92 EXCS_NON-CHKI_B_F.*
Non-Check Customer Float Days	Excessive Non-check Customer Float. Increment to customer float days. *Numeric, 2 positions, FLS O92 EXCS_NON-CHK_C_F.*

0393 – EFAS Type Process Parameters 3

Purpose
Expedited funds availability scheduler type process parameters information, both new and maintenance, is entered to MICM with this panel. This panel establishes the institution processing parameters for the new account and repeated overdraft exceptions for EFAS. Defaults for institution and customer float for each transaction type are specified. The Exception Notice Reason Code is also specified on this panel.

Key Panel

```
0393K     INFPOPR        EFAS Type Process Parameters 3      0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Application Nbr . . . 99            (00 - 99)

   Type Code . . . . . . 001           (000 9999)




 Command===> 393
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0393 – EFAS Type Process Parameters 3

Field Descriptions

Function
Function Code. Valid entries are:
  b Inquiry only.
  B Browse.
  C Copy.
  D Delete.
  M Maintenance.
  N New.
Alphanumeric, 1 position.

Application Nbr
Application. This is the application number to which this information applies. Valid entries are **00 – 99**.
Numeric, 2 positions, FLS O93 APPL_CODE.

Type Code
Account Type. This is the application type to which this information applies. Valid entries are **000 – 999**.
Numeric, 3 positions, FLS O93 ACCT_TYPE.

Primary Panel

```
0393      INFPOPR       EFAS Type Process Parameters 3      0001  08-12-1998

                                                             Delete _
Application Nbr. 99
Type Code  . . . 1

                          New Account Opt  N        Repeat Od Opt    N
                          New Notice Opt   N        R/O Notice Opt   N
                          New Reason Code  0        R/O Reason Code  0

                        (New Account Exception)   (Repeat Overdraft)
                          Bank      Customer       Bank      Customer
                        Float Days  Float Days   Float Days  Float Days
Limited Liability          1          2             1          2
Local . . . . . . .        1          2             1          2
Non-Local . . . . .        2          3             2          3
Non-Contiguous  . .        2          3             2          3
On Us . . . . . . .        1          1             1          1
Cash  . . . . . . .
Non-Check . . . . .        1          1             1          1

Command===> 0393,N,99,1
F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

0393 – EFAS Type Process Parameters 3

Field Descriptions

Delete

Status Code. Valid entries are:
- **b** Keep this record.
- **D** Delete this record.

Alphanumeric, 1 position, FLS O93.

New Account Opt

New Account Code. Valid entries are:
- **N** New account exception does not apply.
- **Y** New account exception does apply.

Alphanumeric, 1 position, FLS O93 NEW_ACCT_CODE.

Repeat Od Opt

Repeat Overdraft Code. Valid entries are:
- **N** Overdraft exception does not apply.
- **Y** Overdraft exception does apply.

Alphanumeric, 1 position, FLS O93 REPT_OD_CODE.

New Notice Opt

New Account Notice Print Option. Indicates if a notice is to be printed if the exception is used. Valid entries are:
- **N** Do not print a notice.
- **Y** Print a notice.

Alphanumeric, 1 position, FLS O93 NEW_ACCT_N_PRT.

R/O Notice Opt

Repeat Overdraft Notice Print Option. Indicates if a notice is to be printed if the exception is used. Valid entries are:
  N Do not print a notice.
  Y Print a notice.
Alphanumeric, 1 position, FLS O93 REPT_OD_NOTC.

New Reason Code

New Account Exception Reason Code. Reason code used to retrieve the notice reason.
Numeric, 3 positions, FLS O93 EXCP_REAS_CODE.

R/O Reason Code

Repeat Overdraft Exception Reason Code. Code used to retrieve the description for the exception notice.
Numeric, 3 positions, FLS O93 REPT_OD_EXCP_CD.

Limited Liability New Account Exception Bank Float Days

New Account Limited Liability Bank Float. Increment bank float days for new accounts by this number.
Numeric, 2 positions, FLS O93 LIMT_LIAB_BNK_F.

Limited Liability New Account Exception Customer Float Days

New Account Limited Liability Customer Float. Increment customer float days for new accounts by this number.
Numeric, 2 positions, FLS O93 LIMT_LIAB_C_F.

Limited Liability Repeat Overdraft Bank Float Days

Repeat Overdraft Limited Liability Bank Float. Increment bank float days for repeat overdrafts by this number.
Numeric, 2 positions, FLS O93 OD_L_LIAB_BNK_F.

Limited Liability Repeat Overdraft Customer Float Days

Repeat Overdraft Limited Liability Customer Float. Increment customer float days for repeat overdrafts by this number.
Numeric, 2 positions, FLS O93 OD_LIAB_CUST_F.

Local New Account Exception Bank Float Days

New Account Local Bank Float. Increment bank float days for new accounts by this number.
Numeric, 2 positions, FLS O93 NEW_A_LOCL_B_F.

Local New Account Exception Customer Float Days

New Account Local Customer Float. Increment customer float days for new accounts by this number.
Numeric, 2 positions, FLS O93 NEW_A_LOCL_C_F.

Local Repeat Overdraft Bank Float Days

Repeat Overdraft Local Bank Float. Increment bank float days for repeat overdrafts by this number.
Numeric, 2 positions, FLS O93 R_O_LOCL_BNK_F.

Local Repeat Overdraft Customer Float Days

Repeat Overdraft Local Customer Float. Increment customer float days for repeat overdrafts by this number.
Numeric, 2 positions, FLS O93 R_0_LOCL_CUST_F.

Non-Local New Account Exception Bank Float Days	New Account Non-local Bank Float. Increment bank float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NON_LOCL_BNK_F.*
Non-Local New Account Exception Customer Float Days	New Account Non-local Customer Float. Increment customer float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NON_LOCL_CUST_F.*
Non-Local Repeat Overdraft Bank Float Days	Repeat Overdraft Non-local Bank Float. Increment bank float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_N_LOCL_BNK_F.*
Non-Local Repeat Overdraft Customer Float Days	Repeat Overdraft Non-local Customer Float. Increment customer float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_N_LOCL_CUST_F.*
Non-Contiguous New Account Exception Bank Float Days	New Account Non-contiguous Bank Float. Increment bank float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NON_C_BNK_FLOAT.*
Non-Contiguous New Account Exception Customer Float Days	New Account Non-contiguous Customer Float. Increment customer float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NON_C_CUST_FLT.*
Non-Contiguous Repeat Overdraft Bank Float Days	Repeat Overdraft Non-contiguous Bank Float. Increment bank float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_N_C_BNK_F.*
Non-Contiguous Repeat Overdraft Customer Float Days	Repeat Overdraft Non-contiguous Customer Float. Increment customer float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_N_C_CUST_F.*
On Us New Account Exception Bank Float Days	New Account On-us Bank Float. Increment bank float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_ONUS_BNK_F.*
On Us New Account Exception Customer Float Days	New Account On-us Customer Float. Increment customer float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_ONUS_CUST_F.*
On Us Repeat Overdraft Bank Float Days	Repeat Overdraft On-us Bank Float. Increment bank float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_ONUS_BNK_F.*
On Us Repeat Overdraft Customer Float Days	Repeat Overdraft On-us Customer Float. Increment customer float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_ONUS_CUST.*

Cash New Account Exception Bank Float Days	New Account Cash Bank Float. Increment bank float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_CASH_BNK_F.*
Cash New Account Exception Customer Float Days	New Account Cash Customer Float. Increment customer float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_CASH_CUST_F.*
Cash Repeat Overdraft Bank Float Days	Repeat Overdraft Cash Bank Float. Increment bank float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_CASH_BNK_F.*
Cash Repeat Overdraft Customer Float Days	Repeat Overdraft Cash Customer Float. Increment customer float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_CASH_CUST.*
Non-Check New Account Exception Bank Float Days	New Account Non-check Bank Float. Increment bank float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_N_CHK_BNK_F.*
Non-Check New Account Exception Customer Float Days	New Account Non-check Customer Float. Increment customer float days for new accounts by this number. *Numeric, 2 positions, FLS O93 NEW_N_C_CUST_F.*
Non-Check Repeat Overdraft Bank Float Days	Repeat Overdraft Non-check Bank Float. Increment bank float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_N_C_B_F.*
Non-Check Repeat Overdraft Customer Float Days	Repeat Overdraft Non-check Customer Float. Increment customer float days for repeat overdrafts by this number. *Numeric, 2 positions, FLS O93 R_OD_N_C_C_F.*

0394 – EFAS Type Process Parameters 4

Purpose   Expedited funds availability scheduler type process parameters information, both new and maintenance, is entered to MICM with this panel. This panel establishes the institution processing parameters for the excessive return and high-risk exceptions for EFAS. Defaults for institution and customer float for each transaction type are specified.

Key Panel

```
0394K    INFPOPR       EFAS Type Process Parameters 4     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Application Nbr . . . 99            (00 - 99)

   Type Code . . . . . . 001           (000 9999)




 Command===> 394
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0394 – EFAS Type Process Parameters 4

Field Descriptions

Function   Function Code. Valid entries are:
- **b̶**   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Application Nbr   Application. Application number to which this information applies. Valid entries are **00 – 99**.
Numeric, 2 positions, FLS O94 APPL_CODE.

Type Code   Account Type. Application type to which this information applies. Valid entries are **000 – 999**.
Numeric, 3 positions, FLS O94 ACCT_TYPE.

Primary Panel

```
0394      INFPOPR      EFAS Type Process Parameters 4      0001  08-12-1998

                                                                Delete _
    Application Nbr. 99
    Type Code  . . . 1

                        ERC Check Code   N        High Risk Opt   N
                        ERC Check N Opt  N        H/R Notice Opt  N
                        ERC Reason Code  0        H/R Reason Code 0

                        (Excessive High Risk)   (Excessive Returned Check)
                          Bank     Customer       Bank     Customer
                        Float Days Float Days   Float Days Float Days
    Limited Liability     1          2            1          2
    Local . . . . . .     1          1            1          1
    Non-Local . . . . .   2          3            2          3
    Non-Contiguous  . .   2          3            2          3
    On Us . . . . . . .   1          1            1          1
    Cash  . . . . . . .   1          1            1          1
    Non-Check . . . . .   1          1            1          1

    Command===> 0394,N,99,1
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0394 – EFAS Type Process Parameters 4

Field Descriptions

Delete	Status Code. Valid entries are:
	  ƀ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS O94.

ERC Check Code	Excessive Returned Check Code. Valid entries are:
	  N Returned check exception does not apply.
	  Y Returned check exception applies.
	Alphanumeric, 1 position, FLS O94 EXCS_RET_CHK_CD.

High Risk Opt	High-risk Account Code. Valid entries are:
	  N High-risk exception does not apply.
	  Y High-risk exception does apply.
	Alphanumeric, 1 position, FLS O94 HIGH_RISK_CODE.

ERC Check N Opt	Excessive Returned Check Notice Print Option. Indicates whether notice is to be printed if the exception is used. Valid entries are:
	  N Do not print a notice.
	  Y Print a notice.
	Alphanumeric, 1 position, FLS O94 EXCS_NOTC_PRT_O.

H/R Notice Opt	High-risk Notice Print Option. Indicates whether a notice is to be printed if the exception is used. Valid entries are: **N** Do not print a notice. **Y** Print a notice. *Alphanumeric, 1 position, FLS O94 H_RISK_NOTC_OPT.*
ERC Reason Code	Excessive Returned Check Exception Reason Code. Code used to retrieve the description for the exception. *Numeric, 3 positions, FLS O94 EXCS_RET_CHK_E.*
H/R Reason Code	High-risk Exception Reason Code. Code used to retrieve the description for the exception notice. *Numeric, 3 positions, FLS O94 H_RISK_E_R_CODE.*
Limited Liability Excessive High Risk Bank Float Days	High-risk Limited Liability Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_RISK_L_BNK_F.*
Limited Liability Excessive High Risk Customer Float Days	High-risk Limited Liability Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_RISK_L_CUST_F.*
Limited Liability Excessive Returned Checks Bank Float Days	Excessive Returned Checks Limited Liability Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_RET_CHK_E.*
Limited Liability Excessive Returned Checks Customer Float Days	Excessive Returned Checks Limited Liability Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_RET_CUST_F.*
Local Excessive High Risk Bank Float Days	High-risk Local Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_LOCL_BNK_F.*
Local Excessive High Risk Customer Float Days	High-risk Local Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_LOCL_CUST_F.*
Local Excessive Returned Checks Bank Float Days	Excessive Returned Checks Local Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_LOCL_BNK_F.*
Local Excessive Returned Checks Customer Float Days	Excessive Returned Checks Local Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_L_CUST_FLT.*

Non-Local Excessive High Risk Bank Float Days	High-risk Nonlocal Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_L_BNK_FLT.*
Non-Local Excessive High Risk Customer Float Days	High-risk Nonlocal Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_L_CUST_F.*
Non-Local Excessive Returned Checks Bank Float Days	Excessive Returned Checks Nonlocal Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_N_L_BNK_F.*
Non-Local Excessive Returned Checks Customer Float	Excessive Returned Checks Nonlocal Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_N_L_CUST_F.*
Non-Contiguous Excessive High Risk Bank Float Days	High-risk Noncontiguous Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_C_BNK_FLT.*
Non-Contiguous Excessive High Risk Customer Float Days	High-risk Noncontiguous Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_C_CUST_F.*
Non-Contiguous Excessive Returned Checks Bank Float Days	Excessive Returned Checks Noncontiguous Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_N_L_CUST_F.*
Non-Contiguous Excessive Returned Checks Customer Float Days	Excessive Returned Checks Noncontiguous Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_N_C_BNK_F.*
On Us Excessive High Risk Bank Float Days	High-risk On-us Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_ONUS_BNK_F.*
On Us Excessive High Risk Customer Float Days	High-risk On-us Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_ONUS_CUST_F.*
On Us Excessive Returned Checks Bank Float Days	Excessive Returned Checks On-us Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_ONUS_B_FLT.*
On Us Excessive Returned Checks Customer Float Days	Excessive Returned Checks On-us Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 EXCS_ONUS_C_FLT.*

Cash Excessive High Risk Bank Float Days	High-risk Cash Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_CASH_BNK_F.*
Cash Excessive High Risk Customer Float Days	High-risk Cash Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_CASH_CUST_F.*
Cash Excessive Returned Checks Bank Float Days	Excessive Returned Checks Cash Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 E_RET_CASH_B_F.*
Cash Excessive Returned Checks Customer Float Days	Excessive Returned Checks Cash Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 E_RET_CASH_C_F.*
Non-Check Excessive High Risk Bank Float Days	High-risk Noncheck Bank Float. Increment bank float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_CHK_BNK_F.*
Non-Check Excessive High Risk Customer Float Days	High-risk Noncheck Customer Float. Increment customer float days for high-risk accounts by this number. *Numeric, 2 positions, FLS O94 H_R_N_C_C_F.*
Non-Check Excessive Returned Checks Bank Float Days	Excessive Returned Checks Non-Check Bank Float. Increment bank float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 E_N_CHK_BNK_FLT.*
Non-Check Excessive Returned Checks Customer Float Days	Excessive Returned Checks Noncheck Customer Float. Increment customer float days for excessive returned checks by this number. *Numeric, 2 positions, FLS O94 E_N_CHK_CUST_F.*

0395 – Regulation CC Exception Description

Purpose

Regulation CC exception description information, both new and maintenance, is entered to MICM with this panel. This panel is used to establish the reason for each notice reason code used in EFAS. A maximum of 1000 codes is allowed; codes **990 – 999** are reserved for system use. A 20-character exception reason is provided along with two 20-character discretionary reason areas.

Key Panel

```
0395K     INFPOPR     Regulation CC Exception Description     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Reason Code . . . . . 001




Command===> 395
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0395 – Regulation CC Exception Description

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Reason Code

Exception Reason Code. This user-defined code is assigned to each exception reason.
Numeric, 3 positions, FLS O95 REASON_CODE.

Primary Panel

```
0395       INFPOPR    Regulation CC Exception Description   0001  08-12-1998

                                                               Delete _
Reason Code  . . 1

Notice Desc  . . WE HAVE INCREASED___
Reason Desc 1    YOUR FLOAT FOR THE__
Reason Desc 2    LAST DEPOSIT._____








Command===> 0395,N,1
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0395 – Regulation CC Exception Description

Field Descriptions

Delete	Status Code. Valid entries are: ƀ Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS O95.*
Notice Desc	Exception Reason Description. Description of the exception code. *Alphanumeric, 20 positions, FLS O95 DESC.*
Reason Desc 1	Discretionary Reason Description 1. Discretionary reason description 1 for the exception reason. *Alphanumeric, 20 positions, FLS O95 DESC_1.*
Reason Desc 2	Discretionary Reason Description 2. Discretionary reason description 2 for the exception reason. *Alphanumeric, 20 positions, FLS O95 DESC_2.*

0404 – Online Abort Messages

Purpose

This panel is used for adding new or maintaining existing online abort message information. The abort messages appear on the screen when an error condition occurs that prevents further processing of the transaction. A set of abort messages is supplied to you by TriSyn Group. You can change these messages.

This panel can only be accessed if signed on to Institution 000.

Key Panel

```
0404K     ZERO              Online Abort Messages          0000  09-21-1998


   Enter the following key parameters:


     Function  . . . . . .  _                   B (Browse)
                                                C (Copy)
                                                D (Delete)
                                                M (Maintenance)
                                                N (New)
                                                Space (Inquiry only)

     Abort Code  . . . . .  ____                (0000 - 9999)

     Language Code . . . .  __




   Command===> 0404
   F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0404 – Online Abort Messages

Field Descriptions

Function

Function Code. Valid entries are:
- **b̶** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Abort Code

Abort Code. Number to which this message applies. All zeros are not allowed for an abort code.
Numeric, 4 positions, FLS O73 ABORT_CODE.

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O73 LANG_CODE.

Primary Panel

```
 0404       ZERO              Online Abort Messages      0000  08-12-1998

                                                            Delete _
     Abort Code . . . 9801
     Language Code    EN

     Ab Message 1 . . INVALID FORM NUMBER_____
     Ab Message 2 . . FORM NUMBER NOT EQUAL TO 01-08_____
     Ab Message 3 . . REENTER CARD_____






     Command===> 0404,N,9801,EN
     F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0404 – Online Abort Messages

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

    ƀ   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O73.

Ab Message 1   Abort Message Line 1.
Alphanumeric, 40 positions, FLS O73 MESSAGE_1.

Ab Message 2   Abort Message Line 2.
Alphanumeric, 40 positions, FLS O73 MESSAGE_2.

Ab Message 3   Abort Message Line 3.
Alphanumeric, 40 positions, FLS O73 MESSAGE_3.

0980 – Customer Name and Address

Purpose   This panel is used for adding new or maintaining customer name and address
                         information. The information is used by other Infopoint applications, and should
                         show the customer's permanent address. If the system's city and state feature is
                         being exercised (MICM Record 0204), omit the city and state and enter an
                         asterisk (*) in the first position of the city field. Also, the ZIP code must be
                         entered in order for the system to retrieve the appropriate city and state record.

Key Panel

```
0980K     INFPOPR            Customer Name And Address        0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . N               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Last Name . . . . . . SMITH_

   First Initial . . . . A

   Middle Initial  . . . R

   Tie Breaker . . . . . 0001


Command===> 980
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0980 – Customer Name and Address

Field Descriptions

Function   Function Code. Valid entries are:
                            ƀ   Inquiry only.
                            B   Browse.
                            C   Copy.
                            D   Delete.
                            M   Maintenance.
                            N   New.
                         Alphanumeric, 1 position.

Last Name   Last Name. First 6 letters of the customer's last name.
                         Alphanumeric, 6 positions, FLS O98 LAST_NAME.

First Initial   First Initial. First initial of the customer's first name.
                         Alphanumeric, 1 position, FLS O98 FIRST_INITIAL.

Middle Initial

Middle Initial. Middle initial of the customer's middle name.
Alphanumeric, 1 position, FLS O98 M_INITIAL.

Tie Breaker

Tie Breaker. Number used to differentiate between customers with the same
alpha-name-key. Leading blanks are permitted.
Numeric, 4 positions, FLS O98 TIBR_ID.

Primary Panel

```
 0980      INFPOPR          Customer Name And Address      0001  08-12-1998

                                                                Delete
 Last Name  . . . SMITH
 First Initial    A
 Middle Initial   R
 Tie Breaker  . . 1

 Name Line Code   1  Name Line 1  . . ARTHUR ROGER SMITH
 N/A Code Line 2  2  N/A Line 2 . . . 200 WEST FIRST STREET
 N/A Code Line 3  2  N/A Line 3 . . . _____
 N/A Code Line 4  2  N/A Line 4 . . . _____
 N/A Line Code 5  2  N/A Line 5 . . . _____
 Frgn/Domestic    _  City . . . . . . SEYMOUR
 Language Code    EN State  . . . . . CT         Zip Code . . . . 06483 0000
 Alternate N/A       Country  . . . . US         Postal Code  . . 0648306483
 Taxpayer Id Ind  2  Tax Id Suffix    ___        Tax Id Number   04450333900
                     Birth Date . . . 08-02-1952



 Command===> 0980,N,SMITH,A,R,1
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0980 – Customer Name and Address

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from
the file. Valid entries are:
- ƀ   Keep this record.
- **D**   Delete this record.

Alphanumeric, 1 position, FLS O98.

Name Line Code

Name/Address Code. Code identifying this name/address line as a name line or
an address line. Valid entries are:
- **1**   Name line.
- **2**   Address line.

Alphanumeric, 1 position, FLS O98 NAME_CODE_1.

Name Line 1

Name or Address Line. One line containing either a customer's name or address
information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O98 NAME_LINE_1.

N/A Code Line 2   Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

     1   Name line.
     2   Address line.
Alphanumeric, 1 position, FLS O98 N_ADDR_CODE_2.

N/A Line 2   Name or Address Line. One line containing either a customer's name or address information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O98 N_ADDR_LINE_2.

N/A Code Line 3   Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

     1   Name line.
     2   Address line.
Alphanumeric, 1 position, FLS O98 N_ADDR_CODE_3.

N/A Line 3   Name or Address Line. One line containing either a customer's name or address information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O98 N_ADDR_LINE_3.

N/A Code Line 4   Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

     1   Name line.
     2   Address line.
Alphanumeric, 1 position, FLS O98 N_ADDR_CODE_4.

N/A Line 4   Name or Address Line. One line containing either a customer's name or address information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O98 N_ADDR_LINE_4.

N/A Code Line 5   Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

     1   Name line.
     2   Address line.
Alphanumeric, 1 position, FLS O98 N_ADDR_CODE_5.

N/A Line 5   Name or Address Line. One line containing either a customer's name or address information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O98 N_ADDR_LINE_5.

Frgn/Domestic   Foreign Address Code. Code identifies the customer's address as foreign (non-U.S.) or domestic (U.S.) as dictated by the Internal Revenue Service. Valid entries are:

     b   Domestic (U.S.)
     1   Foreign (non-U.S.)
Alphanumeric, 1 position, FLS O98 FRGN_ADDR_CODE.

City	City Name. Customer's city.

Note: If the MICM city and state feature is used (MICM Record 2008), enter an asterisk (*) in the first position. Otherwise, the city name is required.

Alphanumeric, 35 positions, FLS O98 CITY. |
| Language Code | Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O98 LANG_CODE. |
| State | State Name Abbreviation. Customer's state abbreviation (U.S. only).

Note: If the MICM city and state feature is used (MICM Record 2008), the state field should be left blank. Otherwise, the state abbreviation is required.

Alphanumeric, 2 positions (required if U.S. state if foreign province), FLS O98 STATE. |
| Zip Code | ZIP Code. This field is left-justified and zeros must be entered in unused positions.
Numeric, 5 position, FLS O98 ZIP_CODE. |
| (Zip Code Extension) | ZIP Code Extension. This field is left-justified and zeros must be entered in unused positions.
Numeric, 4 positions, FLS O98 ZIP_EXTN. |
| Alternate N/A | Alternate Name and Address Flag. Code indicating whether an alternate name and address exists for the customer. This field is set by program MID200 when an alternate name and address for this customer is added. It is cleared by program MID820 in the reload process when the alternate address is dropped. Valid entries are:
  b   No alternate name and address record exists.
  X   An alternate name and address record exists.
Alphanumeric, 1 position, FLS O98 ALT_FLAG_CODE. |
| Country | Country Abbreviation. Customer's country abbreviation. This field is edited against a table of valid country abbreviations as dictated by the Internal Revenue Service.
Alphanumeric, 2 positions, FLS O98 COUNTRY_CODE. |
| Postal Code | Foreign Postal Code. Left justified, foreign postal code.

Note: If the MICM city and state feature is used (MICM Record 2008), the domestic ZIP code is required.

Alphanumeric, 10 positions, FLS O98 POSTAL_CODE. |

Taxpayer Id Ind | Taxpayer Identification Indicator. Identifies the taxpayer ID number as that of an employer (EIN) or that of an individual (SSN). Valid entries are:

    ƀ   Unknown.

    1   Employer (EIN), business or organization.

    2   Individual (SSN) or personal.

Alphanumeric, 1 position, FLS O98 TAX_NBR_IND.

Tax Id Suffix | Taxpayer Identification Suffix. For an employer or business enter the work tax. For personal the field should be blanks.

Alphanumeric, 3 positions, FLS O98 TAX_NBR_SUFF.

Tax Id Number | Taxpayer Identification Number. Customer's individual tax number or the tax number of a business or organization.

Numeric, 11 positions, FLS O98 TIN.

Birth Date | Customer's Birth Date. Format is MMDDYYYY. It must be less than the current date.

Numeric, 8 positions, FLS O98 BIRTH_DATE.

0982 – Customer Alternate Name and Address

Purpose

This panel is used for adding new or maintaining existing customer alternate name and address information. This address is date-controlled and can be used for seasonal address changes. By setting the expiration flag to **N**, you can renew this address each year. If the MICM city and state feature is being exercised (MICM Record 0204), omit the city and state, and type an asterisk (*) in the first position of the city field. The ZIP code must be entered in order for the system to retrieve the appropriate city and state record. The Customer Name and Address Record (MICM Record 0980) must be on the MICM Master File prior to entering this information.

Key Panel

```
0982K     INFPOPR     Customer Alternate Name And Address     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Last Name . . . . . . SMITH_

   First Initial . . . . A

   Middle Initial  . . . R

   Tie Breaker . . . . . 0001


Command===> 982
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0982 – Customer Alternate Name and Address

Field Descriptions

Function

Function Code. Valid entries are:
- **ƀ** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Last Name

Last Name. First 6 letters of the customer's last name.
Alphanumeric, 6 positions, FLS O82 LAST_NAME.

First Initial

First Initial. First initial of the customer's first name.
Alphanumeric, 1 position, FLS O82 FIRST_INITIAL.

Middle Initial

Middle Initial. Middle initial of the customer's middle name.
Alphanumeric, 1 position, FLS O82 M_INITIAL.

Tie Breaker

Tie Breaker. Number used to differentiate between customers with the same alpha-name-key.
Numeric, 4 positions, FLS O82 TIBR_ID.

Primary Panel

```
 0982      INFPOPR    Customer Alternate Name And Address   0001  08-12-1998

                                                             Delete
 Last Name  . . . SMITH
 First Initial    A
 Middle Initial   R
 Tie Breaker  . . 1

 Name Line Code   1  Name Line 1  . . ARTHUR ROGER SMITH
 N/A Code Line 2  2  N/A Line 2 . . . 785 POSTAL ROAD
 N/A Code Line 3  2  N/A Line 3 . . . _____
 N/A Code Line 4  2  N/A Line 4 . . . _____
 N/A Code Line 5  2  N/A Line 5 . . . _____
 Frgn/Domestic    _  City . . . . . . ALTAMONTE SPRINGS
 Language Code    EN State  . . . . . FL          Zip Code . . . . 32751 0000
 Expiration Opt   N  Country  . . . . US          Postal Code  . . _____
                     Begining Date    12-15-1998  Expiration Date  04-15-2000




 Command===> 0982,N,SMITH,A,R,1
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0982 – Customer Alternate Name and Address

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

ƀ   Keep this record.
D   Delete this record.
Alphanumeric, 1 position, FLS O82.

Name Line Code

Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

1   Name line.
2   Address line.
Alphanumeric, 1 position, FLS O82 NAME_CODE_1.

Name Line 1

Name or Address Line. First line containing either a customer's name or address information as indicated by the N/A code.
Alphanumeric, 40 positions, FLS O82 NAME_LINE_1.

N/A Code Line 2	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

1 Name line.
2 Address line.
Alphanumeric, 1 position, FLS O82 N_ADDR_CODE_2.

N/A Line 2	Name or Address Line. Second line containing either a customer's name or address information as indicated by the N/A code.

Alphanumeric, 40 positions, FLS O82 NAME_ADDR_LINE_2.

N/A Code Line 3	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

1 Name line.
2 Address line.
Alphanumeric, 1 position, FLS O82 N_ADDR_CODE_3.

N/A Line 3	Name or Address Line. Third line containing either a customer's name or address information as indicated by the N/A code.

Alphanumeric, 40 positions, FLS O82 N_ADDR_LINE_3.

N/A Code Line 4	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

1 Name line.
2 Address line.
Alphanumeric, 1 position, FLS O82 N_ADDR_CODE_4.

N/A Line 4	Name or Address Line. Fourth line containing either a customer's name or address information as indicated by the N/A code.

Alphanumeric, 40 positions, FLS O82 N_ADDR_LINE_4.

N/A Code Line 5	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:

1 Name line.
2 Address line.
Alphanumeric, 1 position, FLS O82 N_ADDR_CODE_5.

N/A Line 5	Name or Address Line. Fifth line containing either a customer's name or address information as indicated by the N/A code.

Alphanumeric, 40 positions, FLS O82 N_ADDR_LINE_5.

Frgn/Domestic	Foreign Address Code. Code identifies the customer's address as foreign (non-U.S.) or domestic (U.S.) as dictated by the Internal Revenue Service. Valid entries are:

b Domestic (U.S.)
1 Foreign (non-U.S.)
Alphanumeric, 1 position, FLS O82 FORN_ADDR_CODE.

City
: City Name. Customer's city.

  Note: If the MICM city and state feature is not exercised (MICM Record 0204), the city name is required.

  Alphanumeric, 35 positions, FLS O82 CITY.

Language Code
: Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
  Alphanumeric, 2 positions, FLS O82 LANG_CODE.

State
: State Name Abbreviation. Customer's state abbreviation (U.S. only).

  Note: If the MICM city and state feature is not exercised (MICM Record 0204), the state name abbreviation is required.

  Alphanumeric, 2 positions (required if U.S. State if foreign province), FLS O82 STATE.

Zip Code
: ZIP Code. This field is left justified and zeros must be entered in unused positions.
  Numeric, 5 positions, FLS O82 ZIP_CODE.

(Zip Code Extension)
: ZIP Code Extension. This field is left justified and zeros must be entered in unused positions.
  Numeric, 4 positions, FLS O82 ZIP_EXTN.

Expiration Opt
: Expiration Option. Determines what the application does with the customer alternate name and address after expiration. Valid entries are:
  - **N** Update for next year.
  - **Y** Drop when expired.

  Note: For the expiration date in the Alternate Name and Address Record to be automatically updated, the system must be backed up and restored at each year end.

  Alphanumeric, 1 position, FLS O82 EXPIRE_FLAG.

Country
: Country Abbreviation. Customer's country abbreviation. This field is edited against a table of valid country abbreviations as dictated by the Internal Revenue Service
  Alphanumeric, 2 positions, FLS O82 COUNTRY_CODE.

Postal Code
: Foreign Postal Code. Left justified, foreign postal code.

  Note: If the MICM city and state feature is exercised (MICM Record 0204), the domestic ZIP Code is required.

  Alphanumeric, 10 positions, FLS O82 POSTAL_CODE.

Begining Date
: Begin Date. Date to start using the application alternate name and address. Format is MMDDYYYY.
  Numeric, 8 positions, FLS O82 EFFECTIVE_DATE.

Expiration Date   Expiration Date. Expiration of the customer alternate name and address. Format
                         is MMDDYYYY.
                         Numeric, 8 positions, FLS O82 EXPIRE_DATE.

0984 – Application Alternate Name and Address

Purpose

This panel is used for adding new or maintaining existing application alternate name and address information. This address is date-controlled and may be used for customers who want information from a specific account sent to an address which is different from the customer name and address. By setting the expiration flag to **N**, the user may renew this address each year. If the MICM city and state feature is being exercised (MICM Record 0204), omit the city and state, and enter an asterisk (*) in the first position of the city field. The ZIP code must be entered in order for the system to retrieve the appropriate city and state record.

Key Panel

```
0984K     INFPOPR     Application Alt Name And Address    0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N            B (Browse)
                                      C (Copy)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)

   Application Nbr . . . 99           (00 - 99)

   Account Number  . . . 1_____




 Command===> 984
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0984 – Application Alternate Name and Address

Field Descriptions

Function

Function Code. Valid entries are:
- **b̶**   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Application Nbr

Application Code. Application to which this account belongs. Valid entries are provided by Infopoint, but they may be redefined by the user. Consult the Data Center if these codes are to be user-defined. A list of defined codes may be found in the Application Code Table at the beginning of this chapter.
Numeric, 2 positions, FLS O84 APPL_CODE.

Account Number
    Account Number. Account for which the address is created.
    Numeric, 18 positions, FLS O84 ACCT_NBR.

Primary Panel

```
0984      INFPOPR      Application Alt Name And Address    0001  08-12-1998

                                                             Delete
Application Nbr  99
Account Number   1

Name Line Code   1  Name Line 1  . . ARTHUR R SMITH
N/A Line Code 2  2  N/A Line 2 . . . 500 SOUTH MAIN
N/A Line Code 3  2  N/A Line 3 . . . _____
N/A Line Code 4  2  N/A Line 4 . . . _____
N/A Line Code 5  2  N/A Line 5 . . . _____
Fgrn/Domestic    _  City . . . . . . ALTAMONTE SPRINGS
Language Code    EN State  . . . . . FL          Zip Code . . . . 38751 0000
Expiration Opt   N  Country  . . . . US          Postal Code  . . 325871264
                    Begining Date    12-31-1998  Expiration Date  04-15-2000




Command===> 0984,N,99,1
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0984 – Application Alternate Name and Address

Field Descriptions

Delete
    Status Code. Maintenance panel allows the user to delete an entire record from
    the file. Valid entries are:
      ƀ   Keep this record.
      D   Delete this record.
    Alphanumeric, 1 position, FLS O84.

Name Line Code
    Name/Address Code. Code identifying this name/address line as a name line or
    an address line. Valid entries are:
      1   Name line.
      2   Address line.
    Alphanumeric, 1 position, FLS O84 NAME_CODE_1.

Name Line 1
    Name or Address Line. First line containing either a customer's name or address
    information as indicated by the N/A code.
    Alphanumeric, 40 positions, FLS O84 NAME_LINE_1.

N/A Line Code 2
    Name/Address Code. Code identifying this name/address line as a name line or
    an address line. Valid entries are:
      1   Name line.
      2   Address line.
    Alphanumeric, 1 position, FLS O84 N_ADDR_CODE_2.

N/A Line 2	Name or Address Line. Second line containing either a customer's name or address information as indicated by the N/A code. *Alphanumeric, 40 positions, FLS O84 N_ADDR_LINE_2.*

N/A Line Code 3	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:
	   1 Name line.
	   2 Address line.
	Alphanumeric, 1 position, FLS O84 N_ADDR_CODE_3.

N/A Line 3	Name or Address Line. Third line containing either a customer's name or address information as indicated by the N/A code. *Alphanumeric, 40 positions, FLS O84 N_ADDR_LINE_3.*

N/A Line Code 4	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:
	   1 Name line.
	   2 Address line.
	Alphanumeric, 1 position, FLS O84 N_ADDR_CODE_4.

N/A Line 4	Name or Address Line. Fourth line containing either a customer's name or address information as indicated by the N/A code. *Alphanumeric, 40 positions, FLS O84 N_ADDR_LINE_4.*

N/A Line Code 5	Name/Address Code. Code identifying this name/address line as a name line or an address line. Valid entries are:
	   1 Name line.
	   2 Address line.
	Alphanumeric, 1 position, FLS O84 N_ADDR_CODE_5.

N/A Line 5	Name or Address Line. Fifth line containing either a customer's name or address information as indicated by the N/A code. *Alphanumeric, 40 positions, FLS O84 N_ADDR_LINE_5.*

Frgn/Domestic	Foreign Address Code. Code identifies the customer's address as foreign (non-U.S.) or domestic (U.S.) as dictated by the Internal Revenue Service. Valid entries are:
	   b̸ Domestic (U.S.)
	   1 Foreign (non-U.S.)
	Alphanumeric, 1 position, FLS O84 FORN_ADDR_CODE.

City	City Name. Customer's city. **Note:** If the MICM city and state feature is not exercised (MICM Record 0204), the city name is required. *Alphanumeric, 35 positions, FLS O84 CITY.*

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O84 LANG_CODE.

State   State Name Abbreviation. Customer's state abbreviation. (U.S. States only)

Note: If the MICM city and state feature is not used (MICM Record 2008), the state name is required.

Alphanumeric, 2 positions (required if U.S. State if foreign province), FLS O84 STATE.

Zip Code   ZIP Code. This field is left justified and zeros must be entered in unused positions.
Numeric, 5 positions, FLS O84 ZIP_CODE.

(Zip Code Extension)   ZIP Code Extension. This field is left justified and zeros must be entered in unused positions.
Numeric, 4 positions, FLS O84 ZIP_EXTN.

Expiration Opt   Expiration Option. Indicates to the program whether to drop the record when it expires or to update it for use the next year. Valid entries are:
      N   Update for use the next year.
      Y   Drop when expired.

Note: In order for the expiration date in the Alternate Name and Address Record to be automatically updated, the system must be backed up and restored at each year end.

Alphanumeric, 1 position, FLS O84 EXPIRE_FLAG.

Country   Country Abbreviation. Customer's country abbreviation. This field is edited against a table of valid country abbreviations as dictated by the Internal Revenue Service.
Alphanumeric, 2 positions, FLS O84 COUNTRY_CODE.

Postal Code   Application Alternate Postal Code. Left justified, foreign postal code.

Note: If the MICM city and state feature is exercised (MICM Record 0204), the domestic ZIP Code is required.

Alphanumeric, 10 positions, FLS O84 POSTAL_CODE.

Begining Date   Begin Date. Date to start using the application alternate name and address. Format is MMDDYYYY.
Numeric, 8 positions, FLS O84 EFFECTIVE_DATE.

Expiration Date   Expiration Date. Expiration of the application alternate name and address. Format is MMDDYYYY.
Numeric, 8 positions, FLS O84 EXPIRE_DATE.

0986 – Customer Statistical Information

Purpose   This panel is used for adding new or maintaining existing customer statistical
                       information. A maximum of 4 customer statistical information records can be
                       created on 1 panel, and a maximum of 4 records can be updated or deleted on 1
                       panel. New transactions must have the key (the customer key) and the date the
                       account was opened. Some fields are either optional or required, depending
                       upon the tables that have been built. The rest of the data is optional. To maintain
                       a record, enter a valid key (the customer key). The current information appears
                       on the panel. To delete a record, type **D** in the Delete field after loading the panel
                       with a maintenance transaction. The Customer Name and Address Record
                       (MICM Record 0980) must be on the MICM Master File prior to entering this
                       information.

                       This information is used by the system for processing and reporting.

Key Panel

```
0986K     INFPOPR      Customer Statistical Information     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Last Name . . . . . . SMITH_

   First Initial . . . . A

   Middle Initial  . . . R

   Tie Breaker . . . . . 0001


 Command===> 986
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

0986 – Customer Statistical Information

Field Descriptions

Function   Function Code. Valid entries are:
                         b̶   Inquiry only.
                         B   Browse.
                         C   Copy.
                         D   Delete.
                         M   Maintenance.
                         N   New.
                       Alphanumeric, 1 position.

Last Name

Last Name. First 6 letters of the customer's last name.
Alphanumeric, 6 positions, FLS O86 LAST_NAME.

First Initial

First Initial. First initial of the customer's first name.
Alphanumeric, 1 position, FLS O86 FIRST_INITIAL.

Middle Initial

Middle Initial. Middle initial of the customer's middle name.
Alphanumeric, 1 position, FLS O86 M_INITAL.

Tie Breaker

Tie Breaker. Number used to differentiate between customers with the same alpha-name-key.

Note: The first record key (customer key) must be entered. The rest of the keys can be left blank if not used.

Numeric, 4 positions, FLS O86 TIBR_ID.

Primary Panel

```
 0986      INFPOPR      Customer Statistical Information   0001  08-12-1998

                                                              Delete
 Last Name  . . . SMITH
 First Initial    A
 Middle Initial   R
 Tie Breaker  . . 1

 Home Phone . . . (203)888-4789
 Business Phone   (203)456-7895    Intnatl Phone   _____
 Date Opened  . . 01-01-1998
 Primary Officer  OFFICER01
 Sec Officer  . . OFFICER02
 Employee Code    1
 Location Code    12345
 Geographic Code  59427
 Miles  . . . . . 5
 Annual Salary    60000
 Credit Rpt Nbr   1
 Alt Cr Rpt Nbr   1

 Command===> 0986,N,SMITH,A,R,1
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0986 – Customer Statistical Information

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
- **b** Keep this record.
- **D** Delete this record.

Alphanumeric, 1 position, FLS O86.

Home Phone

Home Phone. Customer's home phone number including the area code.
Numeric, 11 positions, FLS O86 HOME_PHONE.

Business Phone

Business Phone. Customer's business phone number including the area code.
Numeric, 11 positions, FLS O86 BUSINESS_PHONE.

Intnatl Phone

International Phone Number. International phone number of the customer.
Alphanumeric, 25 positions, FLS O86 INTNATL_PHONE.

Date Opened

Date Opened. Date on which the customer opened his first account with the institution. Format is MMDDYYYY.
Numeric, 8 positions, FLS O86 DATE_OPEN.

Primary Officer

Primary Officer Code. Identification code of the officer that first serviced the account.
Alphanumeric, 9 positions, FLS O86 PRIN_OFFICER.

Sec Officer

Secondary Officer Code. Identification code of the officer that currently services the account.
Alphanumeric, 9 positions, FLS O86 SCND_OFFICER.

Employee Code

Customer Employee Code. Indicates this customer is an employee.
Alphanumeric, 1 position, FLS O86 EMPLOYEE_CODE.

Location Code

Customer's Location Code. User-assigned location of the customer.
Alphanumeric, 5 positions, FLS O86 LOCATION_CODE.

Geographic Code

Customer's Geographic Code. User-assigned geographic location of the customer.
Alphanumeric, 5 positions, FLS O86 GEOGRPH_CODE.

Miles

Miles. Number of miles from the institution to the customer's home or business.
Numeric, 5 positions, FLS O86 CUST_MILES.

Annual Salary

Annual Salary. Customer's annual salary in whole dollars.
Numeric, 9 positions, FLS O86 INCOME.

Credit Rpt Nbr

Credit Reporting Number. Number that has been assigned to the customer for credit inquiry. (e.g., Dunn and Bradstreet ID number.)
Numeric, 9 positions, FLS O86 CREDIT_RPT_NBR.

Alt Cr Rpt Nbr

Alternate Credit Reporting Number. Alternate number that has been assigned to the customer or a parent corporation.
Numeric, 9 positions, FLS O86 ALT_CR_RPT_NBR.

0988 – Customer Business Information

Purpose   This panel is used for adding new or maintaining existing customer business
                      information. To maintain a record, enter a valid key (the customer key); the
                      current information appears. To delete a record, type **D** in the Delete field after
                      loading the screen with a maintenance transaction. This information is used by
                      the system for processing and reporting. The Customer Name and Address
                      Record (MICM Record 0980) must be on the MICM Master File prior to entering
                      this information.

Key Panel

```
0988      INFPOPR      Customer Business Information      0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)
   Last Name . . . . . . SMITH_

   First Initial . . . . A

   Middle Initial  . . . R

   Tie Breaker . . . . . 0001


 Command===> 988
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel

```

0988 – Customer Business Information

Field Descriptions

Function   Function Code. Valid entries are:
                        ƀ   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                      Alphanumeric, 1 position.

Last Name   Last Name. First 6 letters of the customer's last name.
                      Alphanumeric, 6 positions, FLS O88 LAST_NAME.

First Initial   First Initial. First initial of the customer's first name.
                      Alphanumeric, 1 position, FLS O88 FIRST_INITIAL.

Middle Initial   Middle Initial. Middle initial of the customer's middle name.
                          Alphanumeric, 1 position, FLS O88 M_INITIAL.

Tie Breaker   Tie Breaker. Number used to differentiate between customers with the same
                          alpha-name-key.

                          Note: The first record key (customer key) must be entered. The remainder of the
                          keys can be left blank if not used.

                          Numeric, 4 positions, FLS O88 TIBR_ID.

Primary Panel

```
  0988      INFPOPR        Customer Business Information    0001  08-12-1998

                                                               Delete  _
    Last Name  . . . SMITH
    First Initial    A
    Middle Initial   R
    Tie Breaker  . . 1

    Job Description  PROGRAMMER
    Employer Key . . MIDWAY SOFT_
    Industry Class   1
    Contact Name . . JAMES GROLIER_____
    Contact Title    MANAGER___




  Command===> 0988,N,SMITH,A,R,1
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

0988 – Customer Business Information

Field Descriptions

Delete   Status Code. Maintenance panel allows the user to delete an entire record from
                          the file. Valid entries are:
                          ƀ   Keep this record.
                          D   Delete this record.
                          Alphanumeric, 1 position, FLS O88.

Job Description   Job Description. Job description of the customer.
                          Alphanumeric, 20 positions, FLS O88 JOB_DESC.

Employer Key   Employer Alpha-name-key. Must be a valid name in MICM. A MICM Name
                          and Address Record 0980 must exist in the application with this same key.
                          Alphanumeric, 12 positions, FLS O88 EMPL_ALPHA_KEY.

Industry Class   Industry Class Code. User-assigned code of the employer's industry. Valid
                          entries can be defined in Edit Table 4 of MICM Record 0231.
                          Numeric, 4 positions, FLS O88 CLASS_CODE.

Contact Name

Contact Name. Contact name for business accounts.
Alphanumeric, 20 positions, FLS O88 CONTACT_NAME.

Contact Title

Contact Title.
Alphanumeric, 10 positions, FLS O88 CONTACT_TITLE.

1001 – Institution Information

This panel is used for adding new or maintaining existing institution information. The information is used by the system in the panel headings and report headings. All institutions must be on the MICM Master File prior to adding, changing or deleting these institutions from the Institution Control File.

Note: The system validates the institution number in the preliminary edit reports. Therefore, a new institution entered produces a message on top of the maintenance card edit report indicating an invalid institution. This is not an error for a new institution, since it is being established for the first time. Ignore this message, and check to see if the set was accepted or rejected. If the set is accepted, the institution is posted. If the set is rejected, you must correct and re-enter the set.

Key Panel

```
1001K     INFPOPR          Institution Information          0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . B              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)






Command===> 1001
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

1001 – Institution Information

Field Descriptions

Function

Function Code. Valid entries are:

ƀ	Inquiry only.
B	Browse.
C	Copy.
D	Delete.
M	Maintenance.
N	New.

Alphanumeric, 1 position.

Primary Panel

```
 1001       INFPOPR            Institution Information        0001  08-12-1998

                                                                   Delete _

    Inst Name  . . . Infopoint 5.1 Institution One (DEVA)
    Inst Address . . Maitland Center Parkway
    Inst City State  Maitland Florida
    Zip Code . . . . 32751 0000
    Postal Code  . . _____
    Country Code . . US
    Holding Comp . . 0
    Date Sequence    N
    Date Delimiter   -
    Time Delimiter   :
    Time Format  . . N
    Use Currency Cd  N
    Currency Code    ____
    Amount Option    N
    Language Code    EN
    RCIF Option  . . N


    Command===> 1001,B
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
    F14=Copy
```

1001 – Institution Information

Field Descriptions

Delete	Status Code. Maintenance panel allows deletion of an entire record from the file.

ƀ   Keep this record.

D   Delete this record.

Note: Deleting an institution record also deletes all parameters or records tied to that institution.

Alphanumeric, 1 position, FLS O74.

Inst Name	Institution Name. The entire institution's name as it appears on correspondence. *Alphanumeric, 45 positions FLS O74 NAME.*
Inst Address	Institution Address Line 1. Complete mailing address as it appears on the correspondence. *Alphanumeric, 40 positions, FLS O74 ADDRESS_1.*
Inst City State	Institution Address Line 2. Complete mailing address as it appears on the correspondence. *Alphanumeric, 40 positions, FLS O74 ADDRESS_2.*
ZIP Code	ZIP Code. ZIP code is left justified and, for batch entry, zeros must be entered in remaining unused positions. *Numeric, 5 positions, FLS O74 ZIP_CODE.*

ZIP Code Extension	ZIP Code Extension. This field is left justified and zeros must be entered in unused positions. *Numeric, 4 positions, FLS O74 ZIP_EXTN.*
Postal Code	Postal Code. Postal code, if foreign, can be any value, including spaces. Refer to the U.S. Postal Service ZIP Code Directory for the proper format of Canadian postal codes. *Numeric, 10 positions, FLS O74 POSTAL_CODE.*
Country Code	Country Code. Customer's country abbreviation. This field is edited against a table of valid country abbreviations as dictated by the Internal Revenue Service (See the ***Procedures Guide***). *Alphanumeric, 2 positions, FLS O74 COUNTRY_CODE.*
Holding Comp	Holding Company. Holding company number of which this institution is a member. *Numeric, 4 positions, FLS O74 HOLDING_CO_NBR.*

Date Sequence

Date Sequence. Controls the formatting and validating of dates for input online and/or display of batch and online. Valid entries are:

N   Not used.
1   Year, month, day.
2   Day, month, year.
3   Month, day, year.
4   Year, day, month.
5   Day, year, month.
6   Month, year, day.
7   Day, alpha month, blank, year.
8   Alpha month, day, blank, year.
Alphanumeric, 1 position, FLS O74 DATE_SEQ.

Date Delimiter	Date Delimiter. The character used as the separator between the Year, Month, and Day fields. All characters other than 'N' are permitted as a delimiter. An 'N' indicates that the date delimiter is not used. *Alphanumeric, 1 position, FLS O74 DATE_DELIM.*
Time Delimiter	Time Delimiter. The character to use as the separator between the Hours, Minutes, and Seconds fields. All characters other than 'N' are permitted as a delimiter. An 'N' indicates that the date delimiter is not used. *Alphanumeric, 1 position, FLS O74 TIME_DELIM.*

Time Format

Time Format. Time Format indicates the use of a 12- or 24-hour clock. The 12-hour clock includes an a.m. or p.m. literal. Valid entries are:

N   Time format is not used.
1   12-hour clock
2   24-hour clock
Alphanumeric, 1 position, FLS O74 TIME_FORMAT.

Use Currency Cd
: Use Currency Code. Use Currency Code indicates if currency processing is to occur.
  N Currency processing will not occur.
  Y Currency processing will occur.
  Alphanumeric, 1 position, FLS O74 USER_CURN_CODE.

Currency Code
: Local Currency Code.
  Alphanumeric, 4 positions, FLS O74 CURRENCY_CODE.

Amount Option
: Amount Option. Amount Option controls the formatting of amounts and rates. Valid entries are:
  C All amounts are to be formatted according to the options defined in MICM Record 2018.
  F Delimiters and separators defined at the institution or operator level are to be used for all currencies.
  N Amount Option is not used.
  Alphanumeric, 1 position, FLS O74 AMT_OPTION.

Language Code
: Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
  Alphanumeric, 2 positions, FLS O74 LANG_CODE.

RCIF Option
: RCIF Option. Indicates if Relationship CIF controls the maintenance of the Tax Identification Number and Date of Birth. Valid entries are:
  N No, RCIF does not control the maintenance. The application that owns the data controls maintenance.
  Y Yes, RCIF controls the maintenance.
  Alphanumeric, 1 position, FLS O74 RCIF_OPT.

1003 – Type Information

Purpose
This panel is used for adding new or maintaining existing type information. The information identifies the different account types printed on the statements. The naming of types is done on this panel. This is a required record when defining types.

Key Panel

```
1003K     INFPOPR              Type Information              0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Application Nbr . . . 99             (00 - 99)

   Type  . . . . . . . . 001            (000 - 999)

   Language  . . . . . . EN



Command===> 1003
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

1003 – Type Information

Field Descriptions

Function
Function Code. Valid entries are:
- b̶   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Application Nbr
Application Number. Application to which this information applies.
Numeric, 2 positions, FLS O76 APPL_CODE.

Type
Type. Type number to which this information applies.
Numeric, 3 positions, FLS O76 ACCT_TYPE.

Language
Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O76 LANG_CODE.

Primary Panel

```
┌─────────────────────────────────────────────────────────────────────────┐
│  1003      INFPOPR              Type Information         0001  08-12-1998  │
│                                                              Delete _      │
│  Application Nbr. 99                                                       │
│  Type . . . . . . 001                                                     │
│  Language . . . . EN                                                      │
│                                                                           │
│  Type Name  . . . TEST MICM SCRIPT_____                   │
│  Product Code . . TMS_____                                                │
│  Threshold Bal    0.00                                                    │
│  Percentage Amt   000                                                     │
│                                                                           │
│                                                                           │
│                                                                           │
│                                                                           │
│                                                                           │
│                                                                           │
│                                                                           │
│                                                                           │
│  Command===> 1003,N,99,001,EN                                             │
│  F1=Help   F3=Exit   F4=Next    F9=Edit   F11=Break   F12=Cancel  F13=Select│
│                                                                           │
└─────────────────────────────────────────────────────────────────────────┘
```

1003 – Type Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	ƀ Keep this record.
	D Delete this record.
	Alphanumeric, 1 position, FLS O76.
Type Name	Type Name. Account type name that prints on the statement as well as reports.
	Alphanumeric, 40 positions, FLS O76 ACCT_TYPE_DESC.
Product Code	Product Code. The user-defined product code.
	Alphanumeric, 8 positions, FLS O76 SHORT_NAME.
Threshold Bal	Threshold Balance. The FDIC Threshold Balance used for this account type when determining FDIC provisional holds. If an account of this type has a balance equal to or less than this amount, no FDIC provisional hold will be placed on the account. Threshold Balance is used in conjunction with Percentage Amount to determine the amount of FDIC provisional hold to be placed on an account of this type when the account balance is greater than the Threshold Balance
	Numeric, 13 positions 2 decimals, FLS O76 THRESHOLD_BAL.

Percentage Amt

Percentage Amount. Percentage Amount used in conjunction with Threshold Balance in determining the amount of FDIC provisional hold to place on an account of this type when the account's ledger balance is greater than the Threshold Balance.

Note: The percentage amount field is in whole percent. For example 100% would be entered as 100 while 50% would be entered as 50.

Numeric, 3 positions, FLS O76 PERCENTAGE_AMT.

1004 – Code Description

Purpose   This panel is used for adding new or maintaining existing code description
                        information. The information is used to describe various codes that are used in
                        the different applications. This record is used to define a user MICM record. The
                        layout is formatted in description lines 1 – 3 and a user routine calls this record to
                        create a MICM user panel. Custom code is necessary.

Key Panel

```
1004K      INFPOPR               Code Description              0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . .  N                    B (Browse)
                                               C (Copy)
                                               D (Delete)
                                               M (Maintenance)
                                               N (New)
                                               Space (Inquiry only)

   Application Nbr . . .  99                    (00 - 99)

   Code  . . . . . . . .  TESTMICM

   Language  . . . . . .  EN



 Command===> 1004
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

1004 – Code Description

Field Descriptions

Function   Function Code. Valid entries are:
                        b   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Application Nbr   Application Number. Application to which this information applies.
                        Numeric, 2 positions, FLS O77 APPL_CODE.

Code   Code. Code defined by the description on this panel.
                        Alphanumeric, 8 positions, FLS O77 CODE.

Language   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O77 LANG_CODE.

Primary Panel

```
 1004      INFPOPR              Code Description           0001    08-12-1998

                                                            Delete _
 Application Nbr. 99
 Code . . . . . . TESTMICM
 Language . . . . EN

 Description 1    TEST ALL MICM ONLINE PANELS___
 Description 2    FOLLOW SCRIPT_____
 Description 3    PASS QA EDITS_____







 Command===> 1004,N,99,TESTMICM,EN
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

1004 – Code Description

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

        b   Keep this record.
        D   Delete this record.
Alphanumeric, 1 position, FLS O77.

Description 1   Description 1. Description lines of the code entered on this panel.
Alphanumeric, 30 positions, FLS O77 DESC_1.

Description 2   Description 2. Description lines of the code entered on this panel.
Alphanumeric, 30 positions FLS O77 DESC_2.

Description 3   Description 3. Description lines of the code entered on this panel.
Alphanumeric, 30 positions FLS O77 DESC_3.

1005 – Table Information

Purpose   This panel is used for adding new or maintaining existing information in MICM. The information is used for edit purposes on various panels. A list of the different tables used by Infopoint follows the panel information. The record for the panel is 1005.

Key Panel

```
1005K     INFPOPR            Table Information           0001  01-03-2003


  Enter the following key parameters:


    Function  . . . . . . B            B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)
     Table Number  . . . . 00000       (00000 - 99999)

     Extension . . . . . . 000         (000 - 999)




  Command===> 1005
  F1=Help   F3=Exit    F4=Next    F11=Break    F12=Cancel
```

1005 – Table Information

Field Descriptions

Function   Function Code. Valid entries are:
                         b̶   Inquiry only.
                         B   Browse.
                         C   Copy.
                         D   Delete.
                         M   Maintenance.
                         N   New.
                        Alphanumeric, 1 position.

Table Number   Number of Entries in the Table. Valid entries are **00000 – 99999**.
                        Numeric, 5 positions, FLS O83 TABLE_NBR.

Extension   Extension Number. The first 200 characters on the table use the extension number 000. Each additional 200 characters increase the extension by 1.
                        Numeric, 3 positions, FLS O83 EXTN_NBR

Primary Panel

```
 1005      INFPOPR              Table Information            0001  01-03-2003

                                                              Delete _
  Table Number . : 0
  Extension  . . : 0

  Table Entries 1   _____
  Table Entries 2   _____
  Table Entries 3   _____
  Table Entries 4   _____
  Code . . . . . . N
  Length . . . . . 1
  Number . . . . . 11
  Default  . . . . Y




  Command===> 1005,B,0,0
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
  F14=Copy
```

1005 – Table Information

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                        file. Valid entries are:
                          ƀ   Keep this record.
                          D   Delete this record.
                        Alphanumeric, 1 position, FLS O83.

Table Entry 1   Table Entry Line 1. Line 1 is the first 50 positions of data on the table. At least
                        one character of data must be found in the first 50 positions.
                        Alphanumeric, 50 positions, FLS O83 DATA_1.

Table Entry 2   Table Entry Line 2. Line 2 is the second 50 positions of data on the table.
                        Alphanumeric, 50 positions, FLS O83 DATA_2.

Table Entry 3   Table Entry Line 3. Line 3 is the third 50 positions of data on the table.
                        Alphanumeric, 50 positions, FLS O83 DATA_3.

Table Entry 4   Table Entry Line 4. Line 4 is the fourth 50 positions of data on the table.
                        Alphanumeric, 50 positions, FLS O83 DATA_4.

Code   Table Code. Defines type of data contained in the table. Valid entries are:
                          A   Alphanumeric data. Table entry cannot be all blanks.
                          B   Not used.
                          N   Numeric data.

                        Note: If the code is **N**, only numeric data should be entered in the table.

Example:

Code-N Length-3 Number-2
Table entries:
123456_Correct.
12 345_Incorrect.
123ABC_Incorrect.

Code-A Length-3 Number-2
Table entries:
A C123_Correct.
1A 2BC_Correct.
~~**bb bbb**~~_Incorrect.
Alphanumeric, 1 position, FLS O83 DATA_TYPE.

Length   Length. Length of each entry on the table. Valid entries are **1 – 9**.
                      Numeric, 1 position, FLS O83 TABLE_LENGTH.

Number   Number. Number of Entries in the Table. Valid entries are **01 – 99**.
                      Numeric, 2 positions, FLS O83 NBR_ENTRY.

Default   Table Default. Indicates how to handle blank table entries for editing purposes.
                      Valid entries are:
                      N Do not replace blank data.
                      Y Use the first entry in the table to replace blanks.
                      Alphanumeric, 1 position, FLS O83 DEFAULT.

List of Tables Used by Infopoint

Table Number	Description
00001	Employee codes
00002	Primary officer codes
00003	Secondary officer codes
00004	Industry class codes
00005	Geographic codes
00006	Location codes
00007	Account class codes
00008	Special Handling Code 1
00009	Special Handling Code 2
00010	Special Handling Code 3
00011	Special Handling Code 4
00012	Special Handling Code 5
00013	Special Handling Code 6

1006 – Error Message Information

Purpose   This panel is used for adding new or maintaining existing error message
                            information. The information is used by all Infopoint applications. All system
                            error messages are supplied, but can be changed by the users. This panel can
                            only be accessed by the Institution 0000 operator.

Key Panel

```
 1006K     INFPOPR          Error Message Information        0001  08-12-1998


  Enter the following key parameters:

   Function  . . . . . . N                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

   Application Nbr . . . 99                   (00 - 99)

   Form Number . . . . . 001                  (000 - 999)

   Error Number  . . . . 001                  (000 - 999)

   Language Code . . . . EN


 Command===> 1006
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

1006 – Error Message Information

Field Descriptions

Function   Function Code. Valid entries are:
                                ƀ   Inquiry only.
                                B   Browse.
                                C   Copy.
                                D   Delete.
                                M   Maintenance.
                                N   New.
                            Alphanumeric, 1 position.

Application Nbr   Application. Application number to which this information applies.
                            Numeric, 2 positions, FLS O79 APPL_CODE.

Form Number   Form Number. Form number to which this information applies.
                            Numeric, 4 positions, FLS O79 FORM_NBR.

Error Number   Error Number. Error number of the message entered.
                            Numeric, 3 positions, FLS O79 ERROR_NBR.

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O79 LANG_CODE.

Primary Panel

```
 1006      INFPOPR         Error Message Information      0000    08-12-1998

                                                         Delete

 Application  . . 99
 Form Number  . . 1
 Error Number . . 998
 Language Code    EN

 Error Message    INSTITUTION INVALID_
 Field Name . . . INSTITUTION NUMBER__






 Command===> 1006,N,99,1,998,EN
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

1006 – Error Message Information

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
     ƀ   Keep this record.
     D   Delete this record.
Alphanumeric, 1 position, FLS O79.

Error Message   Error Message. Error message that appears on the maintenance reports when an error is detected.
Alphanumeric, 20 positions, FLS O79 ERROR_MSG.

Field Name   Field Name. Field name to which this error message applies.
Alphanumeric, 20 positions, FLS O79 FIELD_NAME.

1007 – POD On-us Processing Parameters

Purpose

This panel is used for adding new or maintaining existing POD on-us processing parameters information. Only 1 record per institution is created with this panel. These parameters control the handling of the institution's on-us items, establish certain system wide parameters used by other Infopoint applications, and allow report control by the use of report flags and form code. This panel is also used by other applications for capturing monetary transactions.

Key Panel

```
1007K     INFPOPR        POD On-us Processing Parameters      0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . B               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)







 Command===> 1007
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

1007 – POD On-us Processing Parameters

Field Descriptions

Function

Function Code. Valid entries are:

b   Inquiry only.

B   Browse.

C   Copy.

D   Delete.

M   Maintenance.

N   New.

Alphanumeric, 1 position.

Primary Panel

```
1007      INFPOPR        POD On-us Processing Parameters    0001    08-12-1998

                                                               Delete _

 Lrg Item Amt . . 0                               Lrg Item Pkt . . 1
 Appl R/T Number  0          Ctrl Doc R/T . . 0   DDA Appl Code    1
 On-Us R/T 1  . . 0000-0000 On-Us R/T 2  . . 0000-0000
 DDA Dr Pocket    2          DDA Cr Pocket    3
 Account Ver Rtn  0          Sight Draft  . . Y   Cutoff Time  . . 0

 Control Flags    1234
                  0

 Sort Patterns    1  2  3  4  5  6  7
                  1  1  1  1  1  1  1

 A Sort Patterns  1  2  3  4  5  6  7
                  1  1  1  1  1  1  1



 Command===> 1007,B
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
 F14=Copy
```

1007 – POD On-us Processing Parameters

Field Descriptions

Delete

Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

ƀ   Keep this record.

D   Delete this record.

Alphanumeric, 1 position, FLS O80.

Lrg Item Amt

Large Item Amount. Amount used to determine when checks are considered large amounts. If equal to, or greater than this amount, checks automatically sort to the large item pocket. Expressed in whole dollars.

Numeric, 9 positions, FLS O80 LARGE_ITEM.

Lrg Item Pkt

Large Item Pocket. Code designates where DDA checks sort. Valid entries are **B** and **0 – 9**. If this information is used by MICM, enter the code specified in the DDA/DR pocket in this field.

Alphanumeric, 1 position, FLS O80 LARGE_ITEM_PKT.

Appl R/T Number

Application Routing Transit Number. First 4 positions of the routing transit number for on-us items. This number cannot be the same number as the first 4 positions of the on-us routing transit numbers and cannot be equal to the control document routing transit number.

Numeric, 4 positions, FLS O80 APPL_RT_NBR.

Ctrl Doc R/T	Control Document Routing Transit. Located in the first 4 positions of the routing transit number on POD control documents. This user-defined number cannot be the same number as the first 4 positions of the on-us routing transit numbers, and cannot be equal to the application routing transit number. *Numeric, 4 positions, FLS O80 CNTL_RT_NBR.*
DDA Appl Code	Demand Deposit Application Code. Code assigned to the DDA application. This code must be greater than zero. The Infopoint DDA Application Number is **01**. *Numeric, 2 positions, FLS O80 DDA_APPL_NBR.*
On-Us R/T 1	On-us Routing Transit Number 1. On-us ABA routing transit primary number assigned to the institution by the Federal Reserve. *Numeric, 9 positions, FLS O80 ONUS_RT_NBR_1.*
On-Us R/T 2	On-us Routing Transit Number 2. On-us ABA routing transit alternate number assigned to the institution by the Federal Reserve. *Numeric, 9 positions, FLS O80 ONUS_RT_NBR_2.*
DDA/Dr Pocket	On-us Debit Pocket. On-us DDA debits sort to this pocket. Valid entries are **B** and **0 – 9**. *Alphanumeric, 1 position, FLS O80 DEBIT_POCKET.*
DDA/Cr Pocket	On-us Credit Pocket. On-us DDA credits sort to this pocket. Valid entries are **B** and **0 – 9**. *Alphanumeric, 1 position, FLS O80 CREDIT_POCKET.*
Account Ver Rtn	Account Verification. Demand Deposit account verification routing number. MICM uses the specified routine to edit DDA account numbers. The account verification routine is supplied by the user. Valid entries are **00 – 99**. Zeros indicate no routine used. *Numeric, 2 positions, FLS O80 ACCT_VERFCTN.*
Sight Draft	Sight Draft Option. This controls the handling of sight drafts. Valid entries are: **N** Do not process sight drafts. **Y** Process items with only the amount encoded as a sight draft. *Alphanumeric, 1 position, FLS O80 SIGHT_DRAFT.*
Cutoff Time	Cutoff Time. After this time, the alternate sort pattern is used. Enter this field in military time format. Valid entries are **0001 – 2400**. Minutes cannot be greater than **59**. *Numeric, 4 positions, FLS O80 CUTOFF.*

Control Flags

Control Flags 1 – 4. These are 4 separate and unique processing control flags:
1   Flag 1. Film resequence.
2   Flag 2. Not used.
3   Flag 3. Commingle institution.
4   Flag 4. Credits first.

Valid entries for each of these flags are:
0-8   Flag is not used
9   Flag is used.
Numeric, 1 position, 4 times, FLS O80 EXTRA_RT_NBR.

Sort Patterns

Sort Pattern Pointers 1-7. Each position corresponds to a particular day of the week, Sunday through Saturday. These sort patterns are used after the cutoff time. Valid entries for each sort pattern are **1 – 9**.
Numeric, 1 position, 7 times, FLS O80 SORT_PATTERN_1-7.

A Sort Patterns

Alternate Sort Pattern Pointers 1 – 7. Each position corresponds to a particular day of the week, Sunday through Saturday. These sort patterns are used after the cutoff time. Valid entries for each sort pattern are **1 – 9**.
Numeric, 1 position, 7 times, FLS O80 ALT_SORT_PTRN_1-7.

2000 – Advertising Messages

Purpose   This panel is used to create advertising messages that print on the customers' statements.

Key Panel

```
 2000K      INFPOPR              Advertising Messages         0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Region Number . . . . 001            (000 - 999)

   Application Nbr . . . 99

   Acct Type . . . . . . 001

   Language  . . . . . . EN
   Effective Date  . . . 01012000__

 Command===> 2000
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2000 – Advertising Messages

Field Descriptions

Function   Function Code. Valid entries are:
- ƀ   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Region Number   Region Number. Region number for which the specified advertising messages are to apply.
Numeric, 3 positions, FLS O00 REGION_NBR.

Application Nbr   Application Number. Internal application number used by Infopoint for which
                        the specified advertising messages apply. Valid entries are:

                        00   Analysis Group Accounts.
                        01   Demand Deposits.
                        03   Credit Line.
                        04   Savings.
                        05   Teller.
                        06   Account Analysis.
                        07   Customer (CIF).
                        08   Time Investment (account).
                        09   Time Investment (customer).
                        10   SuperMICR II.
                        11   Time Investment account (GL extract for Savings).
                        12   Combined Statement reporting.
                        13   Combined Interest Reporting.
                        15   Exception Administrator (Demand Deposit).
                        16   Exception Administrator (Savings).
                        20   Golden Savings.
                        21   Mortgage Loans.
                        22   VISA credit card.
                        23   Master Card credit card.
                        24   Debit card.
                        25   Installment Loans.
                        27   Commercial Loans.
                        28   General Ledger. (FCS)
                        29   Time Investment account (GL extract for TDOA).
                        30   Dealer floor plan.
                        31   Threshold.
                        32   Wire transfer.
                        33   Cash transaction.
                        34   Expedited Funds Availability Scheduler (EFAS).
                        35   Loans Common Online.
                        36   Employer.
                        37   Dealer.
                        38   Not used.
                        39   Loans Common Reporting.
                        40   Lines of Commitments.
                        41   Bonds.
                        42   CL Notes.
                        43   CL Participation.
                        44   CL Collateral.
                        45   Collection Management.
                        46   Recovery Management.
                        47   Relationship CIF.
                        48   Relationship CIF Retail Accounts.
                        49   Relationship CIF Commercial Accounts.
                        50   Relationship Pricing.
                        51   Tax Identification Number.
                        52   De-dupe.
                        53   Gender Determination.

54	Household Marketing.
55	Scrub.
56	ACH.
57	SuperMICR.

Numeric, 2 positions, FLS O00 APPL_CODE.

Acct Type   Account Type. Account type where the specified advertising for which messages apply. This is a numeric 3-position key field.
Numeric, 3 positions, FLS O00 ACCT_TYPE.

Language   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O00 LANG_CODE.

Effective Date   Effective Date. Effective date of the record. This field is an element in the record key. The format of this date is determined by the Date Sequence field on MICM Record 1001 (Institution Information Record) and may be overridden by the Date Sequence field on MICM Record OPR (Operator Record).
Alphanumeric, 10 positions, FLS O00 EFFECTIVE_DATE.

Primary Panel

```
 2000      INFPOPR              Advertising Messages      0001  08-12-1998

                                                                 Delete
  Region Number   1         Application nbr. 99
  Acct Type  . . . 1        Language . . . . EN
  Effective Date   01-01-2000

  Message Line 1    NEW RATES FOR AUTO, LOWEST EVER._____
  Message Line 2    STOP BY YOUR LOCAL BRANCH AND INQUIRE___
  Message Line 3    TODAY._____
  Message Line 4    _____
  Message Line 5    _____
  Message Line 6    _____
  Message Line 7    _____
  Message Line 8    _____
  Message Line 9    _____
  Message Line 10   _____



  Command===> 2000,N,1,99,1,EN,1012000
  F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

2000 – Advertising Messages

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

ƀ	Keep this record.
D	Delete this record.

Alphanumeric, 1 position, FLS O00.

Message Line 1   Advertising Message 01. Advertising message line 1 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_1.

Message Line 2   Advertising Message 02. Advertising message line 2 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_2.

Message Line 3   Advertising Message 03. Advertising message line 3 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_3.

Message Line 4   Advertising Message 04. Advertising message line 4 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_4.

Message Line 5   Advertising Message 05. Advertising message line 5 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_5.

Message Line 6   Advertising Message 06. Advertising message line 6 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_6.

Message Line 7   Advertising Message 07. Advertising message line 7 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_7.

Message Line 8   Advertising Message 08. Advertising message line 8 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_8.

Message Line 9   Advertising Message 09. Advertising message line 9 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_9.

Message Line 10   Advertising Message 10. Advertising message line 10 printed on customer's statements. The message should be centered on the line.
Alphanumeric, 40 positions, FLS O00 MESSAGE_10.

2001 – Branch Information

Purpose   This panel establishes the branch name, address, and the region number for each branch which is used for reporting and totaling purposes.

Key Panel

```
2001K    INFPOPR              Branch Information           0001  08-12-1998


  Enter the following key parameters:


    Function . . . . . . N               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)

    Branch . . . . . . . 111__           (00000 - 99999)




  Command===> 2001
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2001 – Branch Information

Field Descriptions

Function   Function Code. Valid entries are:
    b̶   Inquiry only.
    B   Browse.
    C   Copy.
    D   Delete.
    M   Maintenance.
    N   New.
Alphanumeric, 1 position.

Branch   Branch Number. Branch number for which the specified branch information is to apply.
Numeric, 5 positions, FLS O01 BRANCH.

Primary Panel

```
 2001     INFPOPR            Branch Information      0001  08-12-1998

                                                             Delete
   Branch . . . . . 111

   Branch Name  . . APOPKA SOUTH BRANCH
   Address  . . . . 103 MAIN STREET
   City/State . . . APOPKA, FL
   Zip Code . . . . 32751 1030
   Report Region    1
   Pricing Region   1
   Phone Number . . (407)265-8500    Intnatl Phone  _____
   Loan Limit . . . 100000
   Postal Code  . . 8500
   Anly Price Regn  1
   Loan Price Regn  0




   Command===> 2001,N,111
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2001 – Branch Information

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are: **ƀ** Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS O01.*
Branch Name	Branch Name. Complete branch name as it appears on the correspondence. *Alphanumeric, 45 positions, FLS O01 NAME.*
Address	Branch Address 1. *Alphanumeric, 40 positions, FLS O01 ADDRESS_1.*
City/State	City and State Address for this branch. *Alphanumeric, 40 positions, FLS O01 ADDRESS_R.*
Zip Code	ZIP Code. This field is left-justified. *Numeric, 5 positions, FLS O01 ZIP_CODE.*
(ZIP Code Extension)	ZIP Code Extension. This field is left-justified. *Numeric, 4 positions, FLS O01 ZIP_EXTN.*
Report Region	Reporting Region. Region category for reporting purposes for the branch. Controls the distribution of reports. *Numeric, 3 positions, FLS O01 REPORT_REGION.*

Pricing Region

Pricing Region. Pricing region assigned to this branch. Controls the pricing of services.
Numeric, 3 positions, FLS O01 PRICE_REGION.

Phone Number

Phone Number. Phone number associated with the branch for reporting purposes.
Numeric, 11 positions, FLS O01 PHONE_NBR.

Intnatl Phone

International Phone Number. International phone number of the branch.
Alphanumeric, 25 positions, FLS O01 INTNATL_PHONE.

Loan Limit

Loan Limit. Loans in excess of this amount (in thousands of dollars) can be subject to Special Processing by the application.
Numeric, 9 positions, FLS O01 LOAN_LIMIT.

Postal Code

Postal Code. Postal Code, if foreign, can be any value, including spaces. Refer to the U.S. Postal Service ZIP Code Directory for the proper format of Canadian postal codes.
Alphanumeric, 10 positions, FLS O01 POSTAL_CODE.

Anly Price Regn

Account Analysis Pricing Region assigned to this branch.
Numeric, 3 positions, FLS O01 ANLY_PRICE_REGN.

Loan Price Regn

Installment Loans Pricing Region.   Installment Loans Pricing Region assigned to this branch. Valid entries are **000 – 999**.
Numeric, 3 positions, FLS O01 LOAN_PRICE_REGN.

2002 – Index Rate Record

Purpose   This panel establishes index rate information used by various systems. The index
                       number is tied to the account master. Changing this rate affects all accounts tied
                       to this index.

Key Panel

```
2002K    INFPOPR              Index Rate Record              0001  08-12-1998


 Enter the following key parameters:


  Function  . . . . . . n                    B (Browse)
                                             C (Copy)
                                             D (Delete)
                                             M (Maintenance)
                                             N (New)
                                             Space (Inquiry only)

  Index . . . . . . . . 111                  (000 - 999)

  Effective Date  . . . 01012000__




Command===> 2002
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2002 – Index Rate Record

Field Descriptions

Function   Function Code. Valid entries are:
                         ƀ Inquiry only.
                         B Browse.
                         C Copy.
                         D Delete.
                         M Maintenance.
                         N New.
                       Alphanumeric, 1 position.

Index   Index. Index number for which the specified index rate information is to apply.
                       Seven decimal places are assumed.
                       Numeric, 3 positions, FLS O02 INDEX_NBR.

Effective Date   Effective Date. Effective date of the record. This field is an element in the record
                       key. The format of this date is determined by the Date Sequence field on
                       MICM Record 1001 (Institution Information Record) and may be overridden by
                       the Date Sequence field on MICM Record OPR (Operator Record).
                       Alphanumeric, 10 positions, FLS O2 EFFECTIVE_DATE.

Primary Panel

```
 2002      INFPOPR             Index Rate Record          0001  08-12-1998

                                                          Delete _
   Index  . . . . . 111
   Effective Date   01-01-2000

   Index Rate . . . 6580000
   Short Desc . . . New York
   Long Desc  . . . New York Prime_____
   Source Desc  . . New York Times_____
   Maint Date . . : 08-12-1998




   Command===> 2002,N,111,1012000
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2002 – Index Rate Record

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	  ƀ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS O02.

Index Rate	Index Rate. Seven decimal positions are assumed. **Note:** Deposits and Loans use only the first 5 positions. *Numeric, 7 positions, FLS O02 INDEX_RATE.*
Short Desc	Short Description. User-defined description of the rate index. *Numeric, 8 positions, FLS O02 SHORT_DESC.*
Long Desc	Long Description. User-defined description of the rate index. *Numeric, 40 positions, FLS O02 LONG_DESC.*
Source Desc	Source Description. User-defined source description of the rate index. This field should contain information as to where a customer can verify the index. *Numeric, 40 positions, FLS O02 SOURCE_DESC.*
Maint Date	Maintenance Date. The date the index rate was last changed. *Numeric, 8 positions, protected, FLS O02 AUDIT_DATE.*

2005 – Cycles Information

Purpose   This panel is used to enter new and maintenance cycle information to MICM.
                 This information is used to define when a cycle occurs. Up to 99 cycles can be
                 scheduled for each month. The current and next months' cycles must be present
                 at all times. If the cycle day falls on a holiday or on a non-processing day,
                 functions tied to that cycle can occur on the prior business day.

Key Panel

```
 2005K     INFPOPR            Cycles Information            0001  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . n            B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

    System Number . . . . 99

    Month . . . . . . . . 01                  (01 - 12)




  Command===> 2005
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2005 – Cycles Information

Field Descriptions

Function   Function Code. Valid entries are:
                     ƀ   Inquiry only.
                     B   Browse.
                     C   Copy.
                     D   Delete.
                     M   Maintenance.
                     N   New.
                  Alphanumeric, 1 position.

System Number   System Number. Valid entry is **01**, indicating Deposits.
                  Numeric, 2 positions, FLS O05 MANAGER_NBR.

Month   Month. Month to which cycles apply. Valid entries are **01 – 12**.
                  Numeric, 2 positions, FLS O05 MONTH_NBR.

Primary Panel

```
 2005      INFPOPR           Cycles Information        0001  08-12-1998
                                                          Delete _
 System Number    99
 Month  . . . . . 01


 -----------------------------------------------------------------------
                               Cycle Days
 -----------------------------------------------------------------------
 01 01   02 02   03 15   04 15   05 31   06 31   07 31   08 __   09 __   10 _
 11 __   12 __   13 __   14 __   15 31   16 __   17 __   18 __   19 __   20 _
 21 __   22 __   23 __   24 __   25 31   26 __   27 __   28 __   29 __   30 _
 31 __   32 __   33 __   34 __   35 __   36 __   37 __   38 __   39 __   40 _
 41 __   42 __   43 __   44 __   45 __   46 __   47 __   48 __   49 __   50 _
 51 __   52 __   53 __   54 __   55 __   56 __   57 __   58 __   59 __   60__
 61 __   62 __   63 __   64 __   65 __   66 __   67 __   68 __   69 __   70 _
 71 __   72 __   73 __   74 __   75 __   76 __   77 __   78 __   79 __   80 _
 81 __   82 __   83 __   84 __   85 __   86 __   87 __   88 __   89 __   90__
 91 __   92 __   93 __   94 __   95 __   96 __   97 __   98 __   99 __


 Command===> 2005,N,99,01
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2005 – Cycles Information

Field Descriptions

Delete — Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

    ƀ   Keep this record.

    D   Delete this record.

Alphanumeric, 1 position, FLS O05.

Cycle Days — Cycle Days 01 – 99. Day of the month when the cycle is dropped. Valid entries are **01 – 31**. All cycle days entered should indicate processing days for that month.

Numeric, 2 positions, 99 times, FLS O05 CYCLE_DAYS.

2006 – Account Verification Formulas

Purpose

This panel is used for adding new or maintaining existing account verification formula information to MICM. This information establishes a self-checking formula for validating account numbers.

Key Panel

```
2006K     INFPOPR       Account Verification Formulas      0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Routine . . . . . . . 99             (00 - 99)




 Command===> 2006
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2006 – Account Verification Formulas

Field Descriptions

Function

Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Routine

Routine Number. This must be equal to the value specified in MICM Record 0211.
Numeric, 2 positions, FLS O06 ROUTINE_NBR.

Primary Panel

```
 2006      INFPOPR       Account Verification Formulas     0001  08-12-1998

                                                                 Delete _

 Routine  . . . . 99

 Modulus  . . . . 01           Remainder  . . . 1         Product Option   1
 Next Routine . . 02



 -----------------------------------------------------------------------------
                            Weight Factors 1 – 25
 -----------------------------------------------------------------------------
  1 1        2 2       3 1       4 2       5 1       6 2       7 1       8 2
  9 1       10 2      11 0      12 0      13 0      14 0      15 0      16 0
 17 0       18 0      19 0      20 0      21 0      22 0      23 0      24 0
 25 0




 Command===> 2006,N,99
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2006 – Account Verification Formulas

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are: **ƀ** Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS O06.*
Modulus	Modulus Number. Number of the modulus used for verifying the account number on the document. Valid entries are **00 – 99**. *Numeric, 2 positions, FLS O06 MODULUS_NBR.*
Remainder	Remainder. Number of the constant remainder used in calculating the modulus number. Valid entries are **00 – 99**. *Numeric, 2 positions, FLS O06 REMAINDER.*
Product Option	Product Option Code. Indicates whether the product is to be treated as 2 individual digits added together or as a single value. Valid entries are: **1** Each product is treated as 2 individual digits to be added together. **2** Each product is treated as a single value. *Numeric, 1 position, FLS O06 PROD_OPT_CODE.*
Next Routine	Next Routine Number. Number of the next routine to be used if the account number fails the self-checking formula against the routine established for this record. Valid entries are **00 – 99**. Zeros indicate not used. *Numeric, 2 positions, FLS O06 NEXT_RTN_NBR.*

Weight Factors 01 – 25   Weight Factors. Valid entries are **00 – 11**. Zeros indicate not used.
Numeric, 2 positions, 25 times, FLS O06 WEIGHT_ 1-25.

2007 – Application Scheduled Report Options

Purpose   This panel is used for adding new or maintaining existing application scheduled report option information. MICM Record 2007 is created from this data. This information can be selected by various applications for enhanced reporting options. Not all reports use this information, and those that cannot use all available options. Refer to the Reports chapter in the *Procedures Guide* of the application for specific information on what options can be used for each report. Installment Loans and Account Analysis use this record.

Key Panel

```
2007K     INFPOPR     Application Scheduled Report Options    0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Application . . . . . 99             (00 - 99)

   Report Number . . . . 001            (000 - 999)

   Version . . . . . . . 00             (00 - 99)

   Effective Date  . . . 01012000__

   Model . . . . . . . . _              (' ' or 'M')

Command===> M20071
F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

2007 – Application Scheduled Report Options

Field Descriptions

Function   Function Code. Valid entries are:
                    ƀ   Inquiry only.
                    B   Browse.
                    C   Copy.
                    D   Delete.
                    M   Maintenance.
                    N   New.
                    Alphanumeric, 1 position.

Application   Application. Number to which this information applies. Valid entries are
                    00 – 99.
                    Numeric, 2 positions, FLS O07 APPL_CODE.

Report Number   Report Number. This field combined with application number and version
                       number provides a unique identifier for the report.
                       Numeric, 3 positions, FLS O07 REPORT_NBR.

Version   Version Number. This field combined with application number and report
                       number provides a unique identifier for the report.
                       Numeric, 2 positions, FLS O07 VERSION.

Effective Date   Effective Date. Effective date of the record. This field is an element in the record
                       key. The format of this date is determined by the Date Sequence field on
                       MICM Record 1001 (Institution Information Record) and may be overridden by
                       the Date Sequence field on MICM Record OPR (Operator Record).
                       Alphanumeric, 10 positions, FLS O07 EFFECTIVE_DATE.

Model   Model.
                       Alphanumeric, 1 position, FLS O07 MODEL.

Primary Panel 1

```
 2007 1    INFPOPR     Application Scheduled Report Options  0001  08-12-1998
                                                                     More:    +
                                                                     Delete _
 Application  . . 01          Report Number    001       Version   . . . . 01
 Effective Date   01-12-1998  Model  . . . . .

 Report Title . . TEST MICM
 Distribute Name  JOHN JAMES                             Report Form  . . 01
 Requested By . . JAMES       External Id  . . 01-000    Print Fiche  . . 1
 Appl Amount  . . 1           DOS Class  . . . 1         Appl Opt 1 . . . 1
 Appl Opt 2 . . . 1           Appl Opt 3 . . . 1         Appl Opt 4 . . . 1
 Appl Opt 5 . . . 1           Appl Date 1  . . 01-01-2000Freq . . . . . . D
 Appl Date 2  . . 01-15-2000  Term . . . . . . 001       Days 1 . . . . . 31
 Days 2 . . . . . 00          Days 3 . . . . . 00        Days 4 . . . . . 00
 Start Date . . . 00-00-0000  No Activity  . . Y         Summary Only . . Y
 Page Lines . . . 66          Holding Co Page  Y         Hold Co Total    Y
 Inst Page  . . . Y           Inst Total . . . Y         Region Page  . . Y
 Region Total . . Y           Currency Option  L         Lang Code  . . . EN



 Command===> M20071,B,1,1,1,1121998,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

2007 – Application Scheduled Report Options (Panel 1)

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                       file. Valid entries are:
                       b   Keep this record.
                       D   Delete this record.
                       Alphanumeric, 1 position, FLS O07.

Report Title   Report Title. This field combined with application number and version number
                       provides a unique identifier for the report.
                       Alphanumeric, 45 positions, FLS O07 TITLE.

Distribute Name	Distribution Name. Name of the person to whom the report is distributed. This name appears on the report heading. *Alphanumeric, 30 positions, FLS O07 DIST_NAME.*
Report Form	Report Form Code. Two positions specifying the form code. This user-defined code specifies the form that is used for printed reports. You should consult your data center before adding or changing this code. A character other than **A** through **K** in the first position with any character in the second position directs the reports to be printed on the standard printer, PRINTRfc. The reports can be directed to alternate printers by placing any character in the second position with 1 of the following characters in the first position.

> **ƀ** Reports are sent to PRINTR for MVS and SYS015 for VSE.
> **A – J** Reports are sent to printers A through J. VSE use SYS030 – SYS039 and MVS use PRINTA – PRINTJ.
> **K** Reports are printed on disk. For VSE, use SYS001 and MVS use PRINTK.

Alphanumeric, 2 positions, FLS O07 FORM_CODE.

Requested By	Requested By. Requestor of the report. *Alphanumeric, 8 positions, FLS O07 REQUEST_BY.*
External ID	External Report Identifier. User-defined information printed in the report heading. *Alphanumeric, 9 positions, FLS O07 EXTERNAL_RPT_ID.*
Print Fiche	Report Print/Fiche Code. This code directs the report to be printed, not to be printed, or sent to fiche. Valid entries are:

> **0** Do not print report.
> **1** Print report.
> **2** Print report and sent to fiche.
> **3** Send to fiche.

Alphanumeric, 1 position, FLS O07 PRINT_FICHE.

Appl Amount	Application Amount. Use of this amount can vary from report to report. Refer to the Reports chapter of the ***Procedures Guide*** of the application for appropriate values. *Numeric, 11 positions, FLS O07 APPL_AMT.*
DOS Class	DOS Class. The class that is to be assigned to the printed output after it has been spooled by VSE/POWER. You can specify any letter of the alphabet or any numeral **0 – 9**. *Alphanumeric, 1 position, FLS O07 CLASS.*
Appl Opt 1	Application Option 1. Use of this option varies from report to report. Refer to the Reports chapter of the ***Procedures Guide*** of the application for appropriate values. *Alphanumeric, 1 position, FLS O07 APPL_OPT_1.*

Appl Opt 2	Application Option 2. Use of this option varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. *Alphanumeric, 1 position, FLS O07 APPL_OPT_2.*
Appl Opt 3	Application Option 3. Use of this option varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. *Alphanumeric, 1 position, FLS O07 APPL_OPT_3.*
Appl Opt 4	Application Option 4. Use of this option varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. *Alphanumeric, 1 position, FLS O07 APPL_OPT_4.*
Appl Opt 5	Application Option 5. Use of this option varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. *Alphanumeric, 1 position, FLS O07 APPL_OPT_5.*
Appl Date 1	Application Date 1. Use of this date varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. Zeros are valid, but the field does not default. *Numeric, 8 positions, FLS O07 APPL_DATE_1.*
Freq	Report Frequency Code. This code indicates when the report should be produced. Valid entries are:

D Daily.
M Monthly.
P Periodic.
S Schedule once only on effective date.
Alphanumeric, 1 position, FLS O07 FREQ.

Appl Date 2	Application Date 2. Use of this date varies from report to report. Refer to the Reports chapter of the *Procedures Guide* of the application for appropriate values. Zeros are valid, but the field does not default. *Numeric, 8 positions, FLS O07 APPL_DATE_2.*
Term	Term. Number of days or months between reports. Ignored for the periodic and schedule frequencies. Valid entries are **000 – 999**. *Numeric, 3 positions, FLS O07 TERM.*

Days 1

Report Day 1. Day on which the report is to be produced. When more than 1 field is used, each field value must be greater than the previous field's value. The report frequency code determines the use of the Day fields. When the report frequency code is 'P', each Day field contains a day of the month when the report is printed. The report frequency code must be 'P' for Day fields 2 through 4 to be used. The Day fields are ignored when report frequency code is 'S'. For all other report frequency code values, only the Day 1 field should be used. Valid entries are:

00	Not used.
01	First day of the month.
02-30	Valid days of the month.
31	Last day of the month.

Numeric, 2 positions, FLS O07 DAYS_1.

Days 2

Report Day 2. Day on which the report is to be produced. When more than 1 field is used, each field value must be greater than the previous field's value. The report frequency code determines the use of the Day fields. When the report frequency code is 'P', each Day field contains a day of the month when the report is printed. The report frequency code must be 'P' for Day fields 2 through 4 to be used. The Day fields are ignored when report frequency code is 'S'. For all other report frequency code values, only the Day 1 field should be used. Valid entries are:

00	Not used.
01	First day of the month.
02 – 30	Valid days of the month.
31	Last day of the month.

Numeric, 2 positions, FLS O07 DAYS_2.

Days 3

Report Day 3. Day on which the report is to be produced. When more than 1 field is used, each field value must be greater than the previous field's value. The report frequency code determines the use of the Day fields. When the report frequency code is 'P', each Day field contains a day of the month when the report is printed. The report frequency code must be 'P' for Day fields 2 through 4 to be used. The Day fields are ignored when report frequency code is 'S'. For all other report frequency code values, only the Day 1 field should be used. Valid entries are:

00	Not used.
01	First day of the month.
02 – 30	Valid days of the month.
31	Last day of the month.

Numeric, 2 positions, FLS O07 DAYS_3.

Days 4

Report Day 4. Day on which the report is to be produced. When more than 1 field is used, each field value must be greater than the previous field's value. The report frequency code determines the use of the Day fields. When the report frequency code is 'P', each Day field contains a day of the month when the report is printed. The report frequency code must be 'P' for Day fields 2 through 4 to be used. The Day fields are ignored when report frequency code is 'S'. For all other report frequency code values, only the Day 1 field should be used. Valid entries are:

00 Not used.
01 First day of the month.
02 – 30 Valid days of the month.
31 Last day of the month.

Numeric, 2 positions, FLS O07 DAYS_4.

Start Date

Cycle Start Date. Date used to determine if the report is to be scheduled for today. For example, if a report to be produced every calendar quarter, Cycle Start Date is defined as 03312000, Report Frequency Code as 'M', Term as '003', and Report Days as '31000000'. Every month-end the system determines if the number of months between the current month-end and the starting date is divisible by 3. If so, the report is produced.

Numeric, 8 positions, FLS O07 START_DATE.

No Activity

No Activity Indicator. This code indicates whether to produce the report when there is no input. Valid entries are:

ƀ Do not produce the report without activity.
Y Produce the report regardless of activity.

Alphanumeric, 1 position, FLS O07 NO_ACTVITY.

Summary Only

Summary Only. Print totals only option. This code indicates whether to print only totals for the report. Valid entries are:

ƀ Print detail and totals.
Y Print totals only.

Alphanumeric, 1 position, FLS O07 SUMMARY_OPTION.

Page Lines

Lines Per Page. The number of lines to print per page for this report. For some reports, this field can be used to force a new page. Refer to the application's Reports chapter in the *Procedures Guide* for appropriate values.

Numeric, 2 positions, FLS O07 LINE_PAGE.

Holding Co Page

Holding Company Page Break. This code indicates whether to force a page break when the holding company changes. Valid entries are:

ƀ No page break.
Y Page break when holding company changes.

Alphanumeric, 1 position, FLS O07 HOLD_CO_PAGE.

Holding Co Total — Holding Company Totals. This code indicates whether to print totals when the holding company changes. Valid entries are:

- ƀ   Do not print totals.
- Y   Print totals when holding company changes.

Alphanumeric, 1 position, FLS O07 HOLD_CO_TOTAL.

Inst Page — Institution Page Break. This code indicates whether to force a page break when the institution changes. Valid entries are:

- ƀ   No page break.
- Y   Page break when institution changes.

Alphanumeric, 1 position, FLS O07 INST_PAGE_B.

Inst Total — Institution Total. This code indicates whether to print totals when the institution changes. Valid entries are:

- ƀ   Do not print totals.
- Y   Print totals when institution changes.

Alphanumeric, 1 position, FLS O07 INST_TOTAL.

Region Page — Region Page Break. This code indicates whether to force a page break when the region changes. Valid entries are:

- ƀ   No page break.
- Y   Page break when region changes.

Alphanumeric, 1 position, FLS O07 REGION_PAGE_B.

Region Total — Region Total. This code indicates whether to print totals when the region changes. Valid entries are:

- ƀ   Do not print totals.
- Y   Print totals when region changes.

Alphanumeric, 1 position, FLS O07 REGION_TOTAL.

Currency Option — Currency Option. Reserved for future use.
Alphanumeric, 1 position, FLS O07 CURRENCY_OPTION.

Lang Code — Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O07 LANG_CODE.

Primary Panel 2

```
 2007 2    INFPOPR    Application Scheduled Report Options  0001   08-12-1998
                                                            More: - +
                                                            Delete _
 Application  . . 01            Report Number    001       Version . . . . 01
 Effective Date   01-12-1998    Model . . . . .

 ------------------------------------------------------------------------------
                  Seq  File-Id  Field Id  Page-Break  Totals
 ------------------------------------------------------------------------------
 Sort Table 1 . .  1    001       1           Y          Y
 Sort Table 2 . .  2    002       2           Y          Y
 Sort Table 3 . .  3    003       3           Y          Y
 Sort Table 4 . .  4    004       4           Y          Y
 Sort Table 5 . .  5    005       5           Y          Y




 Command===> M20072,B,1,1,1,1121998,
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

2007 – Application Scheduled Report Options (Panel 2)

Field Descriptions

Sort Table 1 – 5

Seq	Sort Sequence. Indicates the order in which the sort data is used. Valid entries are: **0** Not used. **1-5** Sort priority, with **1** being the highest. *Numeric, 1 position, 5 times, FLS O07 SORT_SEQ_1-5.*
File-Id	Sort File Identifier. *Alphanumeric, 3 positions, 5 times, FLS O07 SORT_FILE_1- 5.*
Field Id	Sort Field Identifier. *Alphanumeric, 3 positions, 5 times, FLS O07 SORT_FIELD_1-5.*
Page-Break	Sort Page Break. Indicates whether to force a page break when the value of the corresponding sort field changes. Valid entries are: **ƀ** No page break. **Y** Page break. *Alphanumeric, 1 position, 5 times, FLS O07 SORT_PAGE_1-5.*
Totals	Sort Totals. Indicates whether to print totals when the value of the corresponding sort field changes. Valid entries are: **ƀ** Do not print totals. **Y** Print totals. *Alphanumeric, 1 position, 5 times, FLS O07 SORT_TOTAL_1-5.*

2008 – Address Mailing Parameters

Purpose
This panel is used for adding new or maintaining existing address mailing parameter information. It is also used to establish a link between a ZIP code or a range of ZIP codes and its related information. Relationship CIF and MICM use this panel.

Key Panel

```
2008K     INFPOPR        Address Mailing Parameters      0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Zip Code  . . . . . . 32751 2600




  Command===> 2008
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2008 – Address Mailing Parameters

Field Descriptions

Function
Function Code. Valid entries are:
- **ƀ** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Zip Code
ZIP Code. Code that identifies a specific geographic delivery area.
Numeric, 5 positions, FLS O08 ZIP_CODE.

(ZIP Code Extension)
ZIP Code Extension. This field is left justified and zeros must be entered in unused positions.
Numeric, 4 positions, FLS O08 ZIP_EXTN.

Primary Panel

```
 2008      INFPOPR        Address Mailing Parameters    0000  08-12-1998

                                                            Delete _
 Zip Code . . . . 32751 2600

 Zip Code Range   32761 2600
 City . . . . . . APOPKA
 State  . . . . . FL

 Country  . . . . US
 Province . . . . __
 Route Code . . . 2600
 County Nbr . . . 1
 County Name  . . ORANGE
 Non Delete Flag  Y




 Command===> 2008,N,32751,2600
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2008 – Address Mailing Parameters

Field Descriptions

Delete
: Status Code. Valid entries are:
  ь   Keep this record.
  D   Delete this record.
  Alphanumeric, 1 position, FLS O08.

ZIP Code Range
: ZIP Code Range. Low order range of ZIP code.
  Numeric, 5 positions, FLS O08 ZIP_CODE_RANGE.

(ZIP Extension Range)
: ZIP Code Extension Range.
  Numeric, 4 positions, FLS O08 ZIP_EXTN_RANGE.

City
: City. Name of a city by which the ZIP code is commonly known.
  Alphanumeric, 35 positions, FLS O08 CITY.

State
: State. Standard state abbreviation.
  Alphanumeric, 2 positions, FLS O08 STATE.

Country
: Country. Standard country abbreviation.
  Alphanumeric, 2 positions, FLS O08 COUNTRY_CODE.

Province
: Province. Standard province abbreviation.
  Alphanumeric, 2 positions, FLS O08 PROVINCE.

Route Code
: Route Code.
  Alphanumeric, 4 positions, FLS O08 ROUTE_CODE.

County Nbr

County Number. Federal Information Processing Standard (FIPS) code assigned to a given county within a state.
Alphanumeric, 3 positions, FLS O08 COUNTY_NBR.

County Name

County Name. Name of the county, principal county, or parish in which the ZIP code resides.
Alphanumeric, 25 positions, FLS O08 COUNTY_NAME.

Non Delete Flag

Non-delete Flag. Flag determines if a delete maintenance record will be created for this record when Relationship CIF program RFR485 is run. Valid entries are:

ƀ   Create a delete maintenance record.

Y   Do not create a delete maintenance record.

Alphanumeric, 1 position, FLS O08 NON_DELETE_FLAG.

2009 – Address Mailing Parameters Postal

Purpose

This panel is used for adding new or maintaining existing foreign address mailing parameters information to MICM. It is used to establish a link between a postal code or a range of postal codes and its related information. This is used by Relationship CIF and MICM.

Key Panel

```
2009K     INFPOPR    Address Mailing Parameters Postal     0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Postal Code . . . . . H92  929_____



 Command===> 2009
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2009 – Address Mailing Parameters Postal

Field Descriptions

Function

Function Code. Valid entries are:
- b̶ Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Postal Code

Postal Code. Postal code, if foreign, can be any value, including spaces. Refer to the U.S. Postal Service ZIP Code Directory for the proper format of Canadian postal codes.
Alphanumeric, 10 positions, FLS O09 POSTAL_CODE.

Primary Panel

```
 2009      INFPOPR     Address Mailing Parameters Postal    0000  08-12-1998

                                                            Delete _
 Postal Code  . . H92 929

 Postal Range . . HIA IAI
 City . . . . . . MONTREAL
 State  . . . . .

 Country  . . . . CA
 Province . . . . PQ__
 Route Code . . . 2600
 County Nbr . . . 1
 County Name  . .
 Non Delete Flag  Y




 Command===> 2009,N,2600
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2009 – Address Mailing Parameters Postal

Field Descriptions

Postal Range	Postal Range Code. *Alphanumeric, 10 positions, FLS O09 POSTAL_RANGE.*
City	City. Name of a city by which the ZIP code is commonly known. *Alphanumeric, 35 positions, FLS O09 CITY.*
State	State. Standard state abbreviation. *Alphanumeric, 2 positions, FLS O09 STATE.*
Country	Country. Standard country abbreviation. *Alphanumeric, 2 positions, FLS O09 COUNTRY_CODE.*
Province	Province. Standard province abbreviation. *Alphanumeric, 2 positions, FLS O09 PROVINCE.*
Route Code	Route Code *Alphanumeric, 4 positions, FLS O09 ROUTE_CODE.*
County Nbr	County Number. Federal Information Processing Standard (FIPS) code assigned to a given county within a state. *Alphanumeric, 3 positions, FLS O09 COUNTY_NBR.*
County Name	County Name. Name of the county, principal county, or parish in which the ZIP code resides. *Alphanumeric, 25 positions, FLS O09 COUNTY_NAME.*

Non Delete Flag

Non-delete Flag. Flag determines if a delete maintenance record will be created for this record when Relationship CIF program RFR485 is run. Valid entries are:

  ƀ   Create a delete maintenance record.

  Y   Do not create a delete maintenance record.

Alphanumeric, 1 position, FLS O09 NON_DELETE_FLAG.

2011 – Online and Batch Messages

Purpose   This panel is used to contain online and batch messages to be displayed when errors or special situations occur. Messages are to be maintained on Institution 0000.

Key Panel

```
2011K     ZERO              Online and Batch Messages        0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N            B (Browse)
                                      C (Copy)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)

   Manager Nbr . . . . . 99           (00 - 99)

   Message Code. . . . . 00001

   Language Code . . . . EN



Command===> 2011
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2011 – Online and Batch Messages

Field Descriptions

Function   Function Code. Valid entries are:
   ƀ   Inquiry only.
   B   Browse.
   C   Copy.
   D   Delete.
   M   Maintenance.
   N   New.
Alphanumeric, 1 position.

Manager Nbr   Manager. The 2-position number associated with the application for which security parameters are being set up.
Numeric, 2 positions, FLS O11 MANAGER_NBR.

Message Code   Message Information. Message number identifies the system-defined messages and warnings. This number is predefined by the manager.
Alphanumeric, 5 positions, FLS O11 MSG_NBR.

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O11 LANG_CODE.

Primary Panel

```
 2011      ZERO              Online and Batch Messages     0000  08-12-1998

                                                           Delete _

    Manger Number  . 99
    Message Code . . 00001
    Language Code    EN

    Message Left . . INSTITUTION NUMBER NOT NUMERIC_____
    Message Right. . CORRECT AND REENTER_____




 Command===> 2011,N,99,00001,EN
 F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

2011 – Online and Batch Messages

Field Descriptions

Delete   Delete Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
     ƀ   Keep this record.
     D   Delete this record.
Alphanumeric, 1 position, FLS O11.

Message Left   Message Left. Left 35 positions of the message text.
Alphanumeric, 35 positions, FLS O11 MESSAGE_LEFT.

Message Right   Message Right. Right 35 positions of the message text.
Alphanumeric, 35 positions, FLS O11 MESSAGE_RIGHT.

2012 – Online Key Structures

Purpose
Online key structures are defined using Key Parameters. Each Online Key Structure set is a group of fields (parameters) that are used to build 'next' keys when passing key data from one transaction to another within a work unit. Field parameters are built in sequence, as defined in the Online Key Structure records.

Field data is pulled from the key data of the previous transaction. Field (parameter) data not contained in the key data of the previous transaction is extracted from the common area (if data is present in the common area).

All field number and structure number assignments are delivered and controlled by MICM. The key parameter must be entered on MITDF. SSL100 handles this record.

Key Panel

```
2012K    ZERO                 Online Key Structures            0000  08-12-1998


   Enter the following key parameters:


     Function  . . . . . . N            B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)


     Key Parameter . . . . 111          (001 - 999)




   Command===> 2012
   F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2012 – Online Key Structures

Field Descriptions

Function
Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Key Parameter   Key Parameter. The key parameter that defines the key structure set. Valid entries are **001 – 999**.
Numeric, 3 positions, FLS O12 PARM_NBR.

Primary Panel

```
 2012      ZERO              Online Key Structures      0000  08-12-1998

                                                          Delete _
   Key Parameter    111


   ------------------------------------------------------------------------------
                             FIELD NUMBERS 1 – 10
   ------------------------------------------------------------------------------
    1 1             2 4            3 3            4 2             5 0
    6 0             7 0            8 0            9 0            10 0






   Command===> 2012,N,111
  F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

2012 – Online Key Structures

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:

     ƀ   Keep this record.
     D   Delete this record.

Alphanumeric, 1 position, FLS O12.

Field Numbers 01 – 10   Field Number. Used to define the field parameters that make up the key structure. Valid entries are **000 – 999**. Field assignments that are defined in the communications area are as follows:

     ƀ   No more parameters exist.
     000   No key structure is required.
     001   Function.

Note: When the Work Unit function is defined in the common area, it is used instead of the function from the previous transaction.

002	Application Number.
003	Application Code (from MICM Record 0211).
004	Account number.
005	Alphanumeric account number.
006	Relationship CIF customer key.
007	Branch.
008	Account type.
009	Account class.
010	Region.

Date:

011	MM.
012	DD.
013	YYYY.
014	MMDD.
015	MMYYYY.
016	MMDDYYYY.
017	YY.
018	MMYY.
019	MMDDYYYY.
020	DDD.
021	YYYYDDD (Julian).

Effective Date:

022	MM.
023	DD.
024	YYYY.
025	MMDD.
026	MMYYYY.
027	MMDDYYYY.
028	YY.
029	MMYY.
030	MMDDYYYY.
031	DDD.
032	YYYYDDD (Julian).

Effective Date (ISO Standard):

033	MM.
034	DD.
035	YYYY.
036	MMDD.
037	MMYYYY.
038	YYYYMMDD.
039	MMDDYYYY.
040	YY.
041	MMYY.
042	MMDDYYYY.
043	DDD.
044	YYYYDDD (Julian).

Miscellaneous Online:

045	Customer Name.
046	Customer Name Tie breaker.
047	Customer Name 2.
048	Customer Name Tie breaker 2.
049	Customer Type.
050	Customer Type 2.
051	Institution.
052	Report Profile ID.
053	Option Profile ID.
054	Cost Center.
055	Hierarchy Entry.
056	Amount Type.
057	Application Number.
058	Batch Date.
060	Batch Sequence.
061	Batch Sequence Indicator.
062	Batch Type.
063	Chart Number.
064	Comment Number.
065	Distribution Code.
066	Document Number.
067	Direct Officer Indicator.
068	Effective Date.
069	Fiscal Year.
070	Function Code.
071	General Ledger Account Level.
072	General Ledger Account Number.
073	General Ledger Account Type.
074	Group Identification.
075	Hierarchy Number.
076	High General Ledger Account Number.
077	Item Number.
078	Parameter Set Number.
079	Parameter Cost Center.
080	Parameter General Ledger Account Number.
081	Parameter Institution Number.
082	Profile ID.
083	Response Person ID.
084	Report Date.
085	Report Line Number.
086	Report Number.
087	Report Page Number.
088	Report Type.
089	Source Branch Department.
090	Source General Ledger Account Number.
091	Source Institution Number.
092	Source Sublevel.
093	Source Transaction Code.

094	Source Transaction Type.
095	Sublevel Account Level.
096	Sublevel Account Number.
097	Sublevel Number.
098	Unique Sequence Number.
099	Product Code.
100	Alphanumeric Account Number or Account Number.
101	Institution Number 2.
102	Customer Relation.
998	Do not change key.
999	Certain key parameters must be entered manually at all times.

Numeric, 3 positions, 10 times, FLS O12 FIELD_1-10.

2013 – Transaction Code Parameters

Purpose
This panel contains the application external monetary transaction description and its mnemonics, which are printed on the statements. Application '98' is used by Time Investment for generating internal, predefined transaction descriptions. Application '99' is used by Deposits for generating internal, predefined transaction descriptions. All processing options for monetary transactions are defined in this record. Set up all internal transactions for the application. Failure to do so will cause a problem in the posting process.

Key Panel

```
2013K     INFPOPR        Transaction Code Parameters      0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)


   Application . . . . . 99             (01 - 99)

   Tran Code . . . . . . 0001           (0001 - 9999)



 Command===> 2013
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2013 – Transaction Code Parameters

Field Descriptions

Function
Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Application
Application Number. This is the internal application number. Valid entries are **01 – 99**.
Numeric, 2 positions, FLS O13 APPL_CODE.

Tran Code
Transaction Code. Valid entries are **0001 – 9999**.
Numeric, 4 positions, FLS O13 TRANS_CODE.

Primary Panel 1

```
 2013      INFPOPR          Transaction Code Parameters     0001   08-12-1998

                                                                    Delete
 Application  . . 99          Tran Code  . . . 1
 Description  . . MICM TEST SCRIPT
 Alt Desc . . . .
 Ea Onl Tran  . . Y           Language . . . . EN
 Internal Tc  . . 0001        Dr/Cr Code . . . 0        Alt Accum  . . . 000
 Sc Flag-01 . . . 01          Sc Flag-02 . . . 02       Sc Flag-03 . . . 03
 Sc Flag-04 . . . 04          Sc Flag-05 . . . 05       ACH Debit  . . . N
 Immed Sc . . . . .50         Imm Chg Accm . . 000      Source Code  . . 1
 Option Fl-01 . . Y           Option Fl-02 . . Y        Option Fl-03 . . A
 Option Fl-04 . . Y           Option Fl-05 . . N        Mnemonic . . . . CT
 Tran Sort  . . . 001         Post Dorm  . . . Y        Post Esch  . . . Y
 Pit Code . . . . Y           Post C/o . . . . Y        Post Coll  . . . Y
 Post Litigtn . . Y           Post Payoff  . . Y        Post Blocked . . Y
 Misc Jrnl  . . . Y           Audit Rpt  . . . Y        Last Deposit . . Y
 Last W/draw  . . Y           Lst Activity . . Y        Last Contact . . Y
 Pull Pit Cod . . Y           Reg Cc Tran  . . A        Irs W/draw . . . Y
 ACH Credit . . . Y           Selected Debit   Y        Selected Credit  Y


 Command===> 2013,N,99,1
 F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

2013 – Transaction Code Parameters

Field Descriptions

Delete	Status Code. Maintenance panels allow you to delete an entire record from the file. Valid entries are:

    b̶   Keep this record.

    D   Delete this record.

Alphanumeric, 1 position, FLS O13.

Description   Transaction Description. Description of the transaction code entered on the key line.
Alphanumeric, 40 positions, FLS O13 TRANS_DESC.

Alt Desc   Alternate Transaction Description. Alternate description of the external transaction code entered on the key line.
Alphanumeric, 40 positions, FLS O13 ALT_TRANS_DESC.

Ea Onl Tran   Exception Administrator Online Transaction Code. This code indicates if this transaction is used by Infopoint Exception Administrator. Valid entries are:

    b̶   Transaction is not available for Exception Administrator.

    F   Transaction is available for Exception Administrator and is a forced transaction (debit).

    N   Transaction is not available for Exception Administrator.

    Y   Transaction is available for Exception Administrator.

Alphanumeric, 1 position, FLS O13 EA_ONLN_TRAN_CD.

Language

Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O13 LANG_CODE.

Internal Tc

Internal Transaction Code. Internal transaction code of the transaction that this information applies when the transaction is external. This field is blank when the transaction code entered on the key line is an internal transaction code.
Alphanumeric, 4 positions, FLS O13 INTL_TRANS_CODE.

Dr/Cr Code

Debit/Credit Code. Debit/Credit code of the transaction that this information applies. Valid entries are:
  0 Credit.
  1 Credit.
  2 Debit reversal.
  3 0 for which float items are generated.
  4 1 for which float items are generated.
  5 2 for which float items are generated.
  6 Debit.
  7 Debit.
  8 Credit reversal.
Numeric, 1 position, FLS O13 DR_CR_CODE.

Alt Accum

Alternate Accumulator. The user-defined alternate activity accumulator is used to report activity for this transaction code. Valid entries are **501 – 700**. Zeros indicate not applicable.
Numeric, 3 positions, FLS O13 ALT_ACCUM.

Sc Flag 01 – 05

Service Charge Flags. These flags indicate whether or not the transaction is applicable for service charging and, if applicable, identifies the accumulator to which it is associated. This field is used to relate to MICM Record 3008 for Deposits. Accumulation of service charge information starts here. MICM Record 3008 assigns a fee to be associated with this transaction. Time Investment's MICM record is 3507. Valid entries are:
  b̶   No service charge.
  01 Accumulator 1.
  02 Accumulator 2.
  03 Accumulator 3.
  04 Accumulator 4.
  05 Accumulator 5.
  06 Service chargeable debits.
  07 Service chargeable credits.
  08 Savings transfer.
  09 Credit Line transfer.
  10 Accumulator 10.
  11 Accumulator 11.
  12 Accumulator 12.
  13 Accumulator 13.
  14 Accumulator 14.

15	Accumulator 15.
16	Accumulator 16.
17	Accumulator 17.
18	Accumulator 18.
19	Accumulator 19.
20	Accumulator 20.
21	Accumulator 21.
22	Accumulator 22.
23	Accumulator 23.
24	Accumulator 24.
25	Accumulator 25.
26	Accumulator 26.
27	Accumulator 27
28	Accumulator 28.
29	Accumulator 29.
30	Accumulator 30.
31	Accumulator 31.
32	Accumulator 32.
33	Accumulator 33.
34	Accumulator 34.
35	Accumulator 35.
36	Accumulator 36.
37	Accumulator 37.
38	Accumulator 38.
39	Accumulator 39.
40	Accumulator 40.
41	Accumulator 41.
42	Accumulator 42.
43	Accumulator 43.
44	Accumulator 44.
45	Accumulator 45.

Alphanumeric, 2 positions, 5 times, FLS O13 SVC_CHG_FLAG_1-5.

ACH Debit

ACH Debit Code. This code determines whether to update the ACH debit date and amount with this transaction. Valid entries are:

N   Do not update ACH debit date and amount.
Y   Update ACH debit date and amount.

Alphanumeric, 1 position, FLS O13 ACH_DEBIT.

Immed Sc

Immediate Service Charge. Amount immediately charged as a service charge for this transaction. Expressed in dollars and cents. Two decimal positions are assumed.
Numeric, 5 positions, FLS O13 IMMD_SVC_CHG.

Imm Chg Accm

Immediate Charge Alternate Accumulator. Alternate activity accumulator that reflects the immediate charge. Zeros indicate not applicable.
Numeric, 3 positions, FLS O13 I_CHG_ALT_ACCUM.

Source Code

Source Code. This is used to retrieve an alternate transaction description for printing on the statement when an immediate transaction charge is assessed. Zeros indicate not applicable.
Numeric, 4 positions, FLS O13 SOURCE_CODE.

Option Fl 01 – 05

Option Flags 01 – 05. There are 5 unique processing control flags. The description of each control flag differs according to the system being processed.

For Deposits, the flags are defined as follows:

Flag 1 – Indicates whether the transaction defined on this panel is an enclosure to the statement. Valid entries are:
- ƀ   Not an enclosure.
- **S**   Subtract 1 from enclosure count.
- **Y**   Add 1 to the enclosure count.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_1.

Flag 2 – Indicates whether the transaction described on this panel is an Automatic Transfer. The account number, from or to which the transfer is made, is placed in the sequence field of the transaction. Valid entries are:
- ƀ   Not an automatic transfer.
- **A**   Generate only the second line of the description and use MICM Record 2013 description as the first line. This option is applicable for transaction codes 400, 410, 800, and 810.
- **R**   Generate only second line of description, and use MICM Record 0316 source code description as the first line. If no source code description is present, use the description of MICM Record 2013. Option flag 4 should be a space. This option may be used for transaction codes 430 and 830.
- **Y**   Generate auto transfer description. The description of MICM Record 2013 should be spaces. This option may be used for transaction codes 420, 510, 560, 570, 820, 910, 960, and 970. This option may also be used for transaction codes 430 and 830 if the auto description is desired instead of source description (see value of 'R'.)

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_2.

Flag 3 – Indicates whether the transaction on this panel is an ATM transaction. Valid entries are:
- ƀ   Not an ATM transaction.
- **A**   ATM transaction.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_3.

Flag 4 – Indicates whether the Source Code description is to be extracted from MICM Record 0316. This option is exercised only if a source code is present on the transaction. Valid entries are:
- ƀ   Do not use the Source Code even if it is present on the transaction.
- **S**   Use only the first line of MICM Record 0316 description if the Source Code is present on the transaction.
- **Y**   Use both lines of MICM Record 0316 description if the Source Code is present on the transaction.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_4.

Flag 5 – Indicates whether the item is a check. Valid entries are:
- **Ƅ**   Item is not a check.
- **C**   Item is a check.
- **N**   Do not print item on statement. Applies to Dealer applications 37 and 97.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_5.

For Time Investment, the flags are defined as follows:

Flag 1 – Indicates whether the transaction defined on this panel is an enclosure to the statement. Valid entries are:
- **Ƅ**   Not an enclosure.
- **S**   Subtract 1 from the enclosure count.
- **Y**   Add 1 to the enclosure count.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_1.

Flag 2 – Indicates whether the transaction described on this panel is an Automatic Transfer. The account number, from or to which the transfer is made, is placed in the sequence field of the transaction. Valid entries are:
- **Ƅ**   Not an Automatic Transfer.
- **A**   Generate only the second line of the description and use the MICM Master File description as the first line.
- **Y**   Generate auto transfer description. For ACH transaction codes 300, 310, 320, 720, 890, and 980, Flag 2 should be code **Y**.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_2.

Flag 3 – Indicates whether the transaction on this panel is an ATM transaction. Valid entries are:
- **Ƅ**   Not an ATM transaction.
- **A**   ATM transaction.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_3.

Flag 4 – Indicates whether the Source Code description is to be extracted from MICM Record 0316. Valid entries are:
- **Ƅ**   Do not get the Source Code description from MICM Record 0316.
- **S**   Source Code description is to be used as the transaction description.
- **Y**   Extract the Source Code description from MICM Record 0316.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_4.

Flag 5 – Indicates whether the item is a check. Valid entries are:
- **Ƅ**   Item is not a check.
- **C**   Item is a check.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_5.

Mnemonic

Mnemonic. Abbreviated description of the transaction code that appears on the statements. (e.g., DR – debit, CR – credit, DP – deposit, CM – credit memo.)
Alphanumeric, 2 positions, FLS O13 MNEMONC.

Trans Sort

Transaction Sort Sequence. This is an additional sort field to be inserted prior to the transaction code sort field of the transaction sort control.
Numeric, 3 positions, FLS O13 TRANS_SORT_SEQ.

Post Dorm | Post to Dormant. Indicates whether or not this transaction can be posted to a dormant account. Valid entries are:
- ƀ   Do not post this transaction to a dormant account.
- Y   Post this transaction to a dormant account.

Alphanumeric, 1 position, FLS O13 POST_DORMANT.

Post Esch | Post to Escheat. Indicates whether or not this transaction can be posted to an escheat account. Valid entries are:
- ƀ   Do not post this transaction to an escheat account.
- Y   Post this transaction to an escheat account.

Alphanumeric, 1 position, FLS O13 POST_EXCHEAT.

Pit Code | Paperless Item Transaction Code. Indicates whether this transaction is a paperless item transaction that causes a Regulation E statement to be printed. Valid entries are:
- ƀ   This is not a paperless item transaction.
- Y   This is a paperless item transaction.

Alphanumeric, 1 position, FLS O13 PIT_CODE.

Post C/o | Post to Charge-off. Indicates whether or not this transaction can be posted to a charge-off account. Valid entries are:
- ƀ   Do not post this transaction to a charge-off account.
- Y   Post this transaction to a charge-off account.

Alphanumeric, 1 position, FLS O13 POST_CHG_OFF.

Post Coll | Post to Collection. Indicates whether or not this transaction can be posted to a collection account. Valid entries are:
- ƀ   Do not post this transaction to a collection account.
- Y   Post this transaction to a collection account.

Alphanumeric, 1 position, FLS O13 POST_COLL.

Post Litigtn | Post to Litigation. Indicates whether or not this transaction can be posted to a litigation account. Valid entries are:
- ƀ   Do not post this transaction to a litigation account.
- Y   Post this transaction to a litigation account.

Alphanumeric, 1 position, FLS O13 POST_L.

Post Payoff | Post to Payoff Pending. Indicates whether or not this transaction can be posted to a payoff pending account. Valid entries are:
- ƀ   Do not post this transaction to a payoff pending account.
- Y   Post this transaction to a payoff pending account.

Alphanumeric, 1 position, FLS O13 POST_PAYOFF_P.

Post Blocked | Post to Blocked. Indicates whether or not this transaction can be posted to a blocked account. Not to be used with Deposits. Valid entries are:
- ƀ   Do not post this transaction to a blocked account.
- Y   Post this transaction to a blocked account.

Alphanumeric, 1 position, FLS O13 POST_BLOCK.

Misc Jrnl   Miscellaneous Transaction Journal Option. Indicates whether this transaction appears on the Miscellaneous Transaction Journal. Valid entries are:

     ƀ   This transaction does not appear on the Journal.

     Y   This transaction appears on the Journal.

Alphanumeric, 1 position, FLS O13 MISC_JOURNAL.

Audit Rpt   Auditor's Report. Indicates whether this transaction appears on the Auditor's Report. Valid entries are:

     ƀ   This transaction does not appear on the report.

     Y   This transaction appears on the report.

Alphanumeric, 1 position, FLS O13 AUDIT_REPORT.

Last Deposit   Update Last Deposit. Indicates whether or not to update the date and the amount of last deposit. Valid entries are:

     ƀ   Do not update.

     Y   Update.

Alphanumeric, 1 position, FLS O13 UPDT_LAST_DEP.

Last W/draw   Update Last Withdrawal. Indicates whether or not to update the date and the amount of last withdrawal. Valid entries are:

     ƀ   Do not update.

     Y   Update.

Alphanumeric, 1 position, FLS O13 UPDT_LAST_WTHD.

Lst Activity   Update Last Activity. Indicates whether or not to update the date of last activity. Valid entries are:

     ƀ   Do not update last activity.

     Y   Update date last activity.

Alphanumeric, 1 position, FLS O13 UPDT_LAST_ACTY.

Last Contact   Update Last Contact. Indicates whether or not to update the date of last customer contact. Valid entries are:

     ƀ   Do not update date of last customer contact.

     Y   Update date of last customer contact.

Alphanumeric, 1 position, FLS O13 UPDT_LAST_CTAC.

Pull Pit Cod   Pull PIT Code. This code is used by Exception Administrator to aid in the Multisort processing for pulling rejected items. Valid entries are:

     ƀ   This item is not an enclosure.

     Y   This item is an enclosure.

Alphanumeric, 1 position, FLS O13 P_PIT_CODE.

Reg Cc Tran   Regulation CC Transaction Code. Code used to identify unique transactions for Regulation CC processing. Valid entries are:

     ƀ   No special processing.

     A   Non-proprietary ATM transaction.

     L   Limited liability transaction manned station.

     U   Limited liability transaction unmanned station.

Alphanumeric, 1 position, FLS O13 REG_TRANS_CODE.

Irs W/draw

IRS Withdrawal Code. Indicates whether or not the transaction is an IRS withdrawal. Valid entries are:

ƀ This is not an IRS withdrawal.

Y This is an IRS withdrawal.

Alphanumeric, 1 position, FLS O13 IRS_WTHD_CODE.

ACH Credit

ACH Credit Code. Determines whether to update the ACH credit date and amount with this transaction. Valid entries are:

N Do not update ACH credit date and amount.

Y Update ACH credit date and amount.

Alphanumeric, 1 position, FLS O13 ACH_CREDIT.

Selected Debit

Selected Debit Code. Determines whether to update the selected debits counter with this transaction. Valid entries are:

N Do not update selected debit counter.

Y Update selected debits counter.

Alphanumeric, 1 position, FLS O13 SELECT_DEBIT.

Selected Credit

Selected Credit Code. Determines whether to update the selected credits counter with this transaction. Valid entries are:

N Do not update selected credit counter.

Y Update selected credit counter.

Alphanumeric, 1 position, FLS O13 SELECT_CREDIT.

Primary Panel 2

```
 2013 2    INFPOPR        Transaction Code Parameters       0001  03-09-2000
                                                                   More: - +
                                                                   Delete _
   Application Nbr: 1          Tran Code  . . : 20

   Mgr Waive 1  . . N         Mgr Waive 2  . . N       Mgr Waive 3  . . N
   Mgr Waive 4  . . N         Mgr Waive 5  . . N       Mgr Waive 6  . . N
   Mgr Waive 7  . . N         Mgr Waive 8  . . N       Mgr Waive 9  . . N
   Mgr Waive 10 . . N


   Option Fl-06 . . A         Option Fl-07 . . B       Option Fl-08 . . C
   Option Fl-09 . . D         Option Fl-10 . . E







   Command===> M2013,B,1,10
   F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
   F9=Edit   F11=Break   F12=Cancel   F13=Select   F14=Copy   F15=Bottom
```

2013 – Transaction Code Parameters

Mgr Waive 1   Accumulated Amount Charge Manager Waive 01. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 01. The waive reason is specified at the account level. Valid entries are:

N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 01.

Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 01.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_1.

Mgr Waive 2   Accumulated Amount Charge Manager Waive 02. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 02. The waive reason is specified at the account level. Valid entries are:

N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 02.

Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 02.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_2.

Mgr Waive 3   Accumulated Amount Charge Manager Waive 03. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 03. The waive reason is specified at the account level. Valid entries are:

N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 03.

Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 03.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_3.

Mgr Waive 4   Accumulated Amount Charge Manager Waive 04. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 04. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 04.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 04.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_4.

Mgr Waive 5   Accumulated Amount Charge Manager Waive 05. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 05. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 05.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 05.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_5.

Mgr Waive 6   Accumulated Amount Charge Manager Waive 06. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 06. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 06.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 06.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_6.

Mgr Waive 7   Accumulated Amount Charge Manager Waive 07. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 07. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 07.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 07.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_7.

Mgr Waive 8   Accumulated Amount Charge Manager Waive 08. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 08. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 08.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 08.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_8.

Mgr Waive 9	Accumulated Amount Charge Manager Waive 09. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 09. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 09.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 09.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_9.

Mgr Waive 10	Accumulated Amount Charge Manager Waive 10. This code indicates whether the Accumulated Amount Charge is subject to Manager Waive reason 10. The waive reason is specified at the account level. Valid entries are:

    N   The Accumulated Amount Charge cannot be waived by Manager Waive Reason 10.

    Y   The Accumulated Amount Charge can be waived by Manager Waive Reason 10.

Alphanumeric, 1 position, FLS O13 MGR_WAIVE_10.

Option Fl 06 – 10	Option Flag. There are 10 unique processing control flags. The description of each control flag differs according to the system being used. *Alphanumeric, 1 position, FLS O13 OPTION_FLAG_06 – 10.*

For Deposits, the flags are defined as follows:

Flag 8 – Indicates whether the transaction is used in Regulation DD Disclosure of Overdraft and Returned items and fees: Valid entries are:

    ƀ   Not used.

    O   Overdraft.

    R   Returned item.

Alphanumeric, 1 position, FLS O13 OPTION_FLAG_8.

2014 – MICM Institution Parameters

Purpose   This panel contains information related to institution-level online options. These options pertain to sign-on, menu and logo display, and user-defined field literals.

Key Panel

```
2014K     ZERO              MICM Institution Parameters          0000  08-12-1998


Enter the following key parameters:


  Function  . . . . . . B                     B (Browse)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)






Command===> 2014
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2014 – MICM Institution Parameters

Field Descriptions

Function   Function Code. Valid entries are:
  ƀ   Inquiry only.
  B   Browse.
  D   Delete.
  M   Maintenance.
  N   New.
Alphanumeric, 1 position.

Primary Panel

```
    2014      ZERO            MICM Institution Parameters      0000  08-12-1998

                                                              Delete _

        SGON Bulletin    _____
        SGON Bull Type   _

        Logo Option  . . Y
        Menu Option  . . Y
        Date Check Opt   N
        211/2023 Opt .   _
        AMT Fld Display  S




    Command===> 2014,B
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
    F14=Copy
```

2014 – MICM Institution Parameters

Field Descriptions

Delete
Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
ƀ   Keep this record.
D   Delete this record.
Alphanumeric, 1 position, FLS O14.

SGON Bulletin
Ask Infopoint Signon Keyword. This field contains the MICM Ask Infopoint keyword if the bulletin board is to be displayed when an operator signs on. If this feature is not desired, this field must be left blank.
Alphanumeric, 20 positions, FLS O14 SIGNON_MESSAGE.

SGON Bull Type
Ask Infopoint Signon Keyword Type. Used to indicate if the Ask Infopoint signon keyword exists on Institution 0000 and whether it is institution-specific or available for all institutions (universal). Valid entries are:
ƀ   Ask Infopoint signon keyword is not used.
I   Institution-specific record.
U   Universal record.
Alphanumeric, 1 position, FLS O14 SIGNON_MSG_TYPE.

Logo Option
Logo Option. This option is used to indicate if the logo panel is to display. Valid entries are:
N   Do not display logo.
Y   Display logo (Menu option must be set to 'Y').
Alphanumeric, 1 position, FLS O14 LOGO_OPTION.

Menu Option | Menu Option. This option is used to indicate if the menu is to be displayed. Valid entries are:

N   Do not display menu. (Forces logo not to display.)
Y   Display menu.

Note: When transaction MENU is entered, menu will display.

Alphanumeric, 1 position, FLS O14 MENU_OPTION.

Date Check Opt | Date Check Option. Indicates whether to bypass verification of the current date on the Institution Control Record, against the date from the operating system, when signing on to the system. When processing on Friday, override your date to sign on to the system on Saturday, instead of rolling your date to Monday. Valid entries are:

N   Do not check date to the operating system.
Y   Check date to the operating system date.

Alphanumeric, 1 position, FLS O14 DATE_CHECK.

211/2023 Opt | MICM Record 0211/2023 Option. Indicates if MICM Record 0211 or 2023 is to be processed at the institution level. Valid entries are:

ƀ   Read MICM Record 0211 or 2023 from institution zero.
Y   Read MICM Record 0211 or 2023 from specific institution.

Note: Refer to specific application for use.

Alphanumeric, 1 position, FLS O14 INST_OPTION_1.

AMT Fld Display | AMT Field Display Option. If a panel is using the field name from the Application Management Table, pressing [F16] shows the AMT information in place of the field name. This option is helpful when building new panels using Application Management. Valid entries are:

ƀ   Do not activate [F16].
S   Activate [F16].

Alphanumeric, 1 position, FLS O14 INST_OPTION_2.

2015 – Index Rate Record

Purpose

This panel establishes index rate information used by various systems. The index number is tied to the account master. Changing this rate affects all accounts tied to this index.

Key Panel

```
2015K     INFPOPR              Index Rate Record              0001  08-12-1998


  Enter the following key parameters:


    Function . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

    Index . . . . . . . . 111           (000 - 999)

    Effective Date  . . . 01012000__




  Command===> 2015
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2015 – Index Rate Record

Field Descriptions

Function

Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Index

Index Number. Number given for the index. This field is a 3-position, key field. Valid entries are **000 – 999**.
Numeric, 3 positions, FLS O15 INDEX_NBR.

Effective Date

Effective Date. Effective date of the record. This field is an element in the record key. The format of this date is determined by the Date Sequence field on MICM Record 1001 (Institution Information Record) and may be overridden by the Date Sequence field on MICM Record OPR (Operator Record).
Alphanumeric, 10 positions, *FLS O15 EFFECTIVE_DATE.*

Primary Panel

```
 2015      INFPOPR            Index Rate Record              0001  08-12-1998
                                                                Delete  _

 Index  . . . . . 111
 Effective Date   01-01-2000

 Index Rate . . . .752000000
 Maint Date . . : 08-12-1998
 Long Desc  . . . Citibank prime
 Short Desc . . . Citibank
 Source Desc  . . internet




 Command===> 2015,N,111,1012000
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2015 – Index Rate Record

Field Descriptions

Delete	Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
	  ƀ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS O15.

Index Rate	Index Rate. This field is 9 positions. The decimal is required, followed by 7 digits. For example, .1234567 or 11.1234567. *Numeric, 9 positions, FLS O15 INDEX_RATE.*
Maint Date	Maintenance Date. Date the index rate was last changed. *Numeric, 8 positions, protected, FLS O15 AUDIT_DATE.*
Long Desc	Long Description. User-defined long description of the rate index. *Alphanumeric, 40 positions, FLS O15 LONG_DESC.*
Short Desc	Short Description. User-defined short description of the rate index. *Alphanumeric, 8 positions, FLS O15 SHORT_DESC.*
Source Desc	Source Description. User-defined source description of the rate index. This field should contain information as to where a customer can verify the index. *Alphanumeric, 40 positions, FLS O15 SOURCE_DESC.*

2016 – Alternate Institution Information

Purpose   This panel establishes alternate institution information used by Installment Loans. A practical use would be for customer payments to be mailed to a different site other than the main office.

Key Panel

```
2016K    INFPOPR      Alternate Institution Information     0001  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Alternate Id  . . . . 99             (00 - 99)

   Effective Date  . . . 01012000__




  Command===> 2016
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2016 – Alternate Institution Information

Field Descriptions

Function   Function Code. Valid entries are:
                 b Inquiry only.
                 B Browse.
                 D Delete.
                 M Maintenance.
                 N New.
                Alphanumeric, 1 position.

Alternate ID   Alternate Identification. Number used to identify the alternate address. This is a 2-position key field. Valid entries are **00 – 99**.
                Numeric, 2 positions, FLS O16 ALT_ID_NBR.

Effective Date Effective Date. Effective date of the record. This field is an element in the record key. The format of this date is determined by the Date Sequence field on MICM Record 1001 (Institution Information Record) and may be overridden by the Date Sequence field on MICM Record OPR (Operator Record).
                Alphanumeric, 10 positions, FLS O16 EFFECTIVE_DATE.

Primary Panel

```
 2016      INFPOPR     Alternate Institution Information     0001  08-12-1998

                                                                  Delete  _
 Alternate Id . . 99
 Effective Date   01-01-2000

 Optional Name    South First National
 Address Line . . 2600 Maitland Center
 City/State . . . Maitland, Fl
 Zip Code . . . . 32751 2600
 Phone Number . . (407)661-4500   Intnatl Phone   _____
 Postal Code  . . 4500




 Command===> 2016,N,99,1012000
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2016 – Alternate Institution Information

Field Descriptions

Delete
: Status Code. Maintenance panel allows you to delete an entire record from the file. Valid entries are:
  - **ƅ**   Keep this record.
  - **D**   Delete this record.
  Alphanumeric, 1 position, FLS O16.

Optional Name
: Optional Name. Optional institution name. This name is used in place of the institution name on MICM Record 1001.
  Alphanumeric, 45 positions, FLS O16 NAME.

Address Line
: Alternate Address Line 1.
  Alphanumeric, 40 positions, FLS O16 ADDRESS_1.

City/State
: Alternate Address City/State.
  Alphanumeric, 40 positions, FLS O16 ADDRESS_2.

Zip Code
: Alternate ZIP Code. Mailing ZIP code. This field is 9 positions. When entering a 5-position ZIP code, use 4 trailing zeros. For example, 327010000.
  Numeric, 9 positions, FLS O16 ZIP_CODE.

Phone Number
: Alternate Phone Number.
  Numeric, 10 positions, FLS O16 PHONE.

Intnatl Phone
: International Phone Number. International phone number of the institution.
  Alphanumeric, 25 positions, FLS O16 INTNATL_PHONE.

Postal Code

Postal Code. Postal code, if foreign, can be any value, including spaces. Refer to the U.S. Postal Service ZIP Code Directory for the proper format of Canadian postal codes.
Numeric, 10 positions, FLS O16 POSTAL_CODE.

2017 – Maintenance History Parameters

Purpose   This panel is used for adding new or maintaining existing maintenance history parameter information. The information identifies the parameters used for maintenance history.

Key Panel

```
2017K    INFPOPR      Maintenance History Parameters     0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n            B (Browse)
                                      C (Copy)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)

   Manager Number  . . . 00           (00 - 99)

   Application Rec . . . OPR




 Command===> 2017
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2017 – Maintenance History Parameters

Field Descriptions

Function   Function Code. Valid entries are:
  ƀ Inquiry only.
  B Browse.
  C Copy.
  D Delete.
  M Maintenance.
  N New.
Alphanumeric, 1 position.

Manager Number   Manager Code. Enter **00** for MICM records. Valid entries are **00 – 99**.
Numeric, 2 positions, FLS O17 MANAGER_NBR.

Application Rec   Application Record Code. Application record codes as defined on the Application Management Table.

Note: A blank in this field indicates all of the manager records will be included.

Alphanumeric, 3 positions, FLS O17 RECORD_CODE.

Primary Panel

```
 2017      INFPOPR       Maintenance History Parameters      0001  08-12-1998

                                                             Delete  _

 Manager Number   00
 Application Rec  OPR

 Record Name  . . Operator Record
 Purge Indicator  Y
 Purge Days . . . 5







 Command===> 2017,N,99,DDM
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2017 – Maintenance History Parameters

Field Descriptions

Delete	Status Code. Indicates whether or not the record is deleted. Valid entries are:
	  ƀ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS O17.

Record Name	Name of Record. Name which defines the manager and application for this record. *Alphanumeric, 40 positions, FLS O17 RECORD_NAME.*

Purge Indicator	Purge Indicator. Indicates purge records. Valid entries are:
	  E Exclude records. Records are not placed in maintenance history. Used in conjunction with a blank in the Application Record field.
	  N Do not purge records.
	  Y Purge records.
	Alphanumeric, 1 position, FLS O17 PURGE_RECORD_I.

Purge Days	Purge Days. Number of days before purging Maintenance History records. *Numeric, 5 positions, FLS O17 PURGE_DAYS.*

2018 – Currency Information

Purpose   This panel is used to maintain currency information. Account Analysis uses this
record to display amount fields in batch and online. There is an institution-level
option that controls this. MICM's AMT record also uses this record.

Key Panel

```
 2018K    INFPOPR          Currency Information          0001  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . n              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)

   Currency Code . . . . 0001




 Command===> 2018
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2018 – Currency Information

Field Descriptions

Function   Function Code. Valid entries are:
    ƀ Inquiry only.
    B Browse.
    C Copy.
    D Delete.
    M Maintenance.
    N New.
Alphanumeric, 1 position.

Currency Code   Local Currency Code.
Alphanumeric, 4 positions, FLS O18 CURRENCY_CODE.

Primary Panel

```
 2018      INFPOPR           Currency Information        0001  08-12-1998

                                                            Delete _
 Currency Code    0001

 Long Name  . . . DOLLARS
 Short Name . . . DOLLARS

 Rounding Code    S
 Number Decimals  2
 Separator Code   ,
 Delimiter Code   .
 Currency Symbol  E

 Whole Unit Name  DOLLARS
 Part Unit Name   CENTS




 Command====> 2018,N,0001
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2018 – Currency Information

Field Descriptions

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
   ƀ   Keep this record.
   D   Delete this record.
Alphanumeric, 1 position, FLS O18.

Long Name   Long Name. Long name of the Currency Code.
Alphanumeric, 30 positions, FLS O18 LONG_DESC.

Short Name   Short Name. Short name of the Currency Code.
Alphanumeric, 20 positions, FLS O18 SHORT_DESC.

Rounding Code   Rounding Code. Indicates how fractional amounts of the currency are rounded
during currency conversion. Valid entries are:
   D   Round down.
   S   Standard rounding.
   U   Round up.
Alphanumeric, 1 position, FLS O18 ROUNDING_OPTION.

Number Decimals   Decimal. Number of digits that appear after the delimiter for amount fields.
Numeric, 1 position, FLS O18 DECIMAL_POINT.

Separator Code   Separator Code. Separator is the character that separates digits. For U.S. dollars
it would be a ','.
Alphanumeric, 1 position, FLS O18 SEPRATE_DELIM_C.

Delimiter Code   Delimiter. The delimiter is the character that separates digits. For U.S. dollars it
                  would be a '.'.
                  Alphanumeric, 1 position, FLS O18 DECIMAL_DELIM_C.

Currency Symbol   Currency Symbol. Currency Print symbol.
                  Alphanumeric, 1 position, FLS O18 CURN_SYMBOL.

Whole Unit Name   Whole Units Name. Name used for whole units.
                  Alphanumeric, 20 positions, FLS O18 WHOLE_UNIT_NAME.

Part Unit Name   Partial Units Name. Name used for fractional units.
                  Alphanumeric, 20 positions, FLS O18 PART_UNIT_NAME.

2019 – Currency Conversion Information

Purpose   This panel is used to maintain currency conversion information.

Key Panel

```
2019K    INFPOPR      Currency Conversion Information      0001  09-21-1998


Enter the following key parameters:

  Function . . . . . . . _                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)
  Table Code . . . . . __

  Currency Code . . . . ____




Command===> 2019
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2019 – Currency Conversion Information

Field Descriptions

Function   Function Code. Valid entries are:
                ƀ   Inquiry only.
                B   Browse.
                C   Copy.
                D   Delete.
                M   Maintenance.
                N   New.
                Alphanumeric, 1 position.

Table Code   Table Code. This is a unique identifier for the Currency Conversion Information
                Table.
                Alphanumeric, 2 positions, FLS O19 TABLE_NBR.

Currency Code   Currency Code. Local currency code.
                Alphanumeric, 4 positions, FLS O19 CURRENCY_CODE.

Primary Panel

```
 2019      INFPOPR      Currency Conversion Information    0001  08-12-1998

                                                              Delete  _
 Table Code . . . 01
 Currency Code    0001

 Table Desc Name  us dollars
 Source of Rate   federal reserve
 Contact Person   john james
 Contact Phone    341-343-0987
 Intnatl Phone    _____




 Command====> 2019,N,01,0001
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2019 – Currency Conversion Information

Field Descriptions

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
    b   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O19.

Table Desc Name   Table Description. The table name.
Alphanumeric, 30 positions, FLS O19 TABLE_DESC.

Source of Rate   Source of Rate. This is the name of source where the rate was taken from.
Alphanumeric, 30 positions, FLS O19 RATE_SOURCE.

Contact Person   Contact Person. This is the name of person where the rate was taken from.
Alphanumeric, 30 positions, FLS O19 CONTACT_NAME.

Contact Phone   Contact Phone. This is the telephone number of the contact person.
Alphanumeric, 15 positions, FLS O19 CONTACT_PHONE.

Intnatl Phone   International Phone Number. International phone number of the contact person.
Alphanumeric, 25 positions, FLS O19 INTNATL_PHONE.

2020 – Currency Exchange Rate

Purpose This panel is used to maintain the Currency Exchange Information Table.

Key Panel

```
2020K     INFPOPR              Currency Exchange Rate           0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

   Table Code  . . . . . 01

   Currency To . . . . . 0001

   Currency From . . . . 0002

   Effective Date  . . . 01012000__

Command===> 2020
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2020 – Currency Exchange Rate

Field Descriptions

Function Function Code. Valid entries are:
- ƀ Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Table Code Table Code. This is a unique identifier for the Currency Exchange Information Table.
Alphanumeric, 2 positions, FLS O20 TABLE_NBR.

Currency To Currency To. The currency that the amount specified is to be converted to.
Alphanumeric, 4 positions, FLS O20 CURRENCY_TO.

Currency From Currency From. The currency of the amount to be converted.
Alphanumeric, 4 positions, FLS O20 CURRENCY_FROM.

Effective Date   Effective Date. Effective date of the record. This field is an element in the record key. The format of this date is determined by the Date Sequence field on MICM Record 1001 (Institution Information Record) and may be overridden by the Date Sequence field on MICM Record OPR (Operator Record).
Alphanumeric, 10 positions, FLS O20 EFFECTIVE_DATE.

Primary Panel

```
 2020      INFPOPR            Currency Exchange Rate          0001  08-12-1998

                                                                Delete  _
    Table Code . . . 01
    Currency To  . . 0001
    Currency From    0002
    Effective Date   01-01-2000

    Exchange Rate    .1520000
    Operand  . . . . m




    Command====> 2020,N,01,0001,0002,1012000
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2020 – Currency Exchange Rate

Field Descriptions

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
     b   Keep this record.
     D   Delete this record.
Alphanumeric, 1 position, FLS O20.

Exchange Rate   Exchange Rate.
Numeric, 13 positions, FLS O20 EXCH_RATE.

Operand   Operand. Math operation code. Valid entries are:
     D   Rate is to be divided.
     M   Rate is to be multiplied.
Alphanumeric, 1 position, FLS O20 MULTPLY_DIVIDE.

2021 – Institution Holidays

Purpose   This panel is used to maintain the institution holidays. Use year 0000 for all
                        products that have not been re-coded to use MICM release 5.1.

Key Panel

```
  2021      INFPOPR            Institution Holidays          0001  09-21-1998


   Enter the following key parameters:


    Function  . . . . . . _               B (Browse)
                                          C (Copy)
                                          D (Delete)
                                          M (Maintenance)
                                          N (New)
                                          Space (Inquiry only)
    Holiday Year  . . . . ____




  Command===> 2021
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2021 – Institution Holidays

Field Descriptions

Function   Function Code. Valid entries are:
                        ƀ   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Holiday Year   Holiday Year. For applications that have not been coded for MICM 5.1, enter
                        0000 for the year. This field allows you to enter more than 1 year at a time.

                        Note: You are required to set up a current year MICM Record 2021 (Institution
                        Holidays) for MICM Institution Zero and when necessary, for any other
                        institution. The Institution Zero MICM Record 2021 must contain *all* the holidays
                        that apply to *all* the institutions that process within the system. If any Institution
                        within the system has a holiday that does not apply to *all* the other institutions,
                        then a MICM Record 2021 is needed for the institution with the unique holiday.
                        Otherwise, no MICM Record 2021 is needed for the institutions whose holiday
                        are standard and declared within the Institution Zero MICM Record 2021.

                        Numeric, 4 positions, FLS O21 YEAR.

Primary Panel

```
2021      INFPOPR           Institution Holidays        0001  08-12-1998

                                                              Delete _
    Holiday Year . . 1998


    --------------------------------------------------------------------------
    Nbr Mn Dy      Nbr Mn Dy     Nbr Mn Dy     Nbr Mn Dy    Nbr Mn Dy    Nbr Mn Dy
    --------------------------------------------------------------------------

     1  1  1        2  2 15       3  5 31       4  9  7      5 10 12       6 11 26
     7 12 25        8  0  0       9  0  0      10  0  0     11  0  0      12  0  0
    13  0  0       14  0  0      15  0  0      16  0  0     17  0  0      18  0  0
    19  0  0       20  0  0      21  0  0      22  0  0     23  0  0      24  0  0
    25  0  0       26  0  0      27  0  0      28  0  0     29  0  0      30  0  0




    Command===> 2021,N,1998
    F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2021 – Institution Holidays

Field Descriptions

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
                          ƀ   Keep this record.
                          D   Delete this record.
                          Alphanumeric, 1 position, FLS O21.

Nbr

Mn   Month of Holiday. Month portion of the holiday. Applications not coded for
                          MICM 5.1 can use only the first 12 months.
                          Numeric, 2 positions, 30 times, FLS O21 MONTH_1-30.

Dy   Day of Holiday. The day portion of the holiday. Applications not coded for
                          MICM 5.1 can use only the first 12 days.
                          Numeric, 2 positions, 30 times, FLS O21 DAY_1-30.

2022 – Language Table

Purpose

This panel is used to maintain the Language Table. This information defines valid languages that can be used. Other MICM forms and/or applications use this record to validate language codes.

Key Panel

```
2022K    ZERO                 Language Table              0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Language  . . . . . . ES





  Command===> 2022
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2022 – Language Table

Field Descriptions

Function

Function Code. Valid entries are:
  ƀ   Inquiry only.
  B   Browse.
  C   Copy.
  D   Delete.
  M Maintenance.
  N   New.
Alphanumeric, 1 position.

Language

Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O22 LANG_CODE.

Primary Panel

```
 2022      ZERO               Language Table            0000  08-12-1998

                                                        Delete _

 Language . . . . ES

 Usage Code . . . N
 Language Name    SPANISH




 Command===> 2022,N,SP
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

2022 – Language Table

Field Descriptions

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
    Ь Keep this record.
    D Delete this record.
Alphanumeric, 1 position, FLS O22.

Usage Code   Usage Code. Indicates if the language can be used. Valid entries are:
    N Language code is not available for use.
    Y Language code is available for use.
Alphanumeric, 1 position, FLS O22 USAGE_CODE.

Language Name   Language Name.
Alphanumeric, 40 positions, FLS O22 LANG_NAME.

2023 – Product Code Information

Purpose

This panel is used to establish the parameters necessary for processing application information.

Key Panel

```
 2023K     ZERO              Product Code Information        0000  08-09-2000


 Enter the following key parameters:


   Function  . . . . . . B                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)

   Product Code  . . . .  _____




 Command===> 2023
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2023 – Product Code Information

Field Descriptions

Function

Function Code. Valid entries are:
   b   Inquiry only.
   B   Browse.
   C   Copy.
   D   Delete.
   M   Maintenance.
   N   New.
Alphanumeric, 1 position.

Product Code

Product Code. The user-defined product code.
Alphanumeric, 6 positions, FLS O23 PRODUCT_CODE.

Primary Panel

```
 2023     ZERO           Product Code Information       0000  08-09-2000
                                                              More:    +
                                                              Delete _

 Product Code . : CLA


 Product Name . . Commercial Loans

 Asset Code . . . A        Product Class   00000     Dialog Routing    27
 Application Cd   00       Account Length  11         Account Edit 1    11
 Account Edit 2   0        Account Edit 3  0          Account Edit 4    0
 Account Long . . _        Account Alpha   _          Key Verify . . .  _
 Account Verify   0        Record Code . . CLA        AMT Appl Code     R
 Appl Type . . . 0         RP Option . . . Y




 Command===> 2023,B,CLA
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

2023 – Product Code Information

Field Descriptions

Delete
: Status Code. Indicates whether or not the record is deleted. Valid entries are:
    ь Keep this record.
    D Delete this record.
    Alphanumeric, 1 position, FLS O23.

Product Name
: Product Name. The name of the product.
    Alphanumeric, 30 positions, FLS O23 PRODUCT_NAME.

Asset Code
: Asset Liability Code. The code identifying the accounts as assets or liabilities. Valid entries are:
    ь Not applicable.
    A Assets.
    L Liabilities.
    Alphanumeric, 1 position, FLS O23 ASSET_CODE.

Product Class
: Product Class. The code given to the product.
    Numeric, 5 positions, FLS O23 ASSET_CODE.

Dialog Routing
: Dialogue Router. Used to determine if the panel (transaction) is to be selected for processing based on the RCIF Application Number. When an RCIF Application Number is specified, the panel is processed only when this field matches the RCIF Application Number of the account being processed. This field should be left blank if it applies to a non-RCIF panel, or if it is a non-RCIF panel, or it is an RCIF panel for which this type of selection is not required.
    Alphanumeric, 2 positions, FLS O23 DIALOG_ROUTE.

Application Cd   Internal Application. The application number for which this information applies.
                        This application number is the internal number used by Infopoint and cannot be
                        altered by the user. Valid entries are **00 – 99**.
                        Numeric, 2 positions, FLS O23 APPL_CODE.

Account Length   Account Number Length. Valid entries are **00 – 25**. Zeros indicate not
                        applicable.
                        Numeric, 2 positions, FLS O23 ACCT_LENGTH.

Account Edit 1   Account Number Edit. The edit controls the placement of hyphens in the account
                        number. Up to 4 hyphens can be specified. The hyphen positions, relative to an
                        18-digit account number, or a 25-character account if the Account Edit Long field
                        is set to 'Y', are entered here. If less than 4 hyphens are desired, enter zeros in the
                        remaining positions. All zeros indicate that no hyphens are desired.
                        Numeric, 2 positions, FLS O23 ACCOUNT_EDIT_1.

Account Edit 2   Account Number Edit. The edit controls the placement of hyphens in the account
                        number. Up to 4 hyphens can be specified. The hyphen positions, relative to an
                        18-digit account number, or a 25-character account if the Account Edit Long field
                        is set to 'Y', are entered here. If less than 4 hyphens are desired, enter zeros in the
                        remaining positions. All zeros indicate that no hyphens are desired.
                        Numeric, 2 positions, FLS O23 ACCOUNT_EDIT_2.

Account Edit 3   Account Number Edit. The edit controls the placement of hyphens in the account
                        number. Up to 4 hyphens can be specified. The hyphen positions, relative to an
                        18-digit account number, or a 25-character account if the Account Edit Long field
                        is set to 'Y', are entered here. If less than 4 hyphens are desired, enter zeros in the
                        remaining positions. All zeros indicate that no hyphens are desired.
                        Numeric, 2 positions, FLS O23 ACCOUNT_EDIT_3.

Account Edit 4   Account Number Edit. The edit controls the placement of hyphens in the account
                        number. Up to 4 hyphens can be specified. The hyphen positions, relative to an
                        18-digit account number, or a 25-character account if the Account Edit Long field
                        is set to 'Y', are entered here. If less than 4 hyphens are desired, enter zeros in the
                        remaining positions. All zeros indicate that no hyphens are desired.
                        Numeric, 2 positions, FLS O23 ACCOUNT_EDIT_4.

Account Long   Account Edit Long. Account is greater than 18 digits. Valid entries are:
                        ƀ   Account is 18 positions or less.
                        Y   Account is greater than 18 positions, with a maximum of 25 positions.
                        Alphanumeric, 1 position, FLS O23 ACCOUNT_LONG.

Account Alpha   Alphanumeric Account. Used to determine if alphanumeric characters are
                        allowed in the account field. Valid entries are:
                        ƀ   Alphanumeric characters are not allowed.
                        Y   Alphanumeric characters are allowed.
                        Alphanumeric, 1 position, FLS O23 ACCOUNT_ALPHA.

Key Verify	Key Verification. *Alphanumeric, 1 position, FLS O23 KEY_VERIFY.*
Account Verify	Account Number Verification. The user-defined code that verifies the account number. Valid entries are **00 – 99**. Zeros indicate no routine used. All other values require MICM Record 2006 to be established. *Numeric, 2 positions, FLS O23 ACCOUNT_VERIFY.*
Record Code	Record Code. This is the data base record name. This name must be the first 3 positions of the Short Name field when creating an SS File for Mapper. It is used in conjunction with the Application Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area. Positions 1 through 3, and 7 through 8 of the Short Name field of an SS File are used to tell the file handler program (MIL710) which files to process and which Application Management Table records to retrieve. *Alphanumeric, 3 positions, FLS O23 RECORD_CODE.*
AMT Appl Code	Application Code. This is the data base application code to which this record belongs. This code must be in position 7 of the Short Name field when creating an SS File for Mapper. It is used in conjunction with the Record Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area. *Alphanumeric, 2 positions, FLS O23 AMT_APPL_ID_2.*
Appl Type	Application Type. Valid entries are **000 – 999**. *Numeric, 3 positions, FLS O23 APPL_TYPE.*

RP Option	Relationship Pricing Option. Indicates if this product code is valid for Relationship Pricing (RP). Valid entries are:
	  ƀ or N Product code not valid for RP.
	  P Product code valid for RP, interface not required.
	  Y Product code valid for RP, interface required.
	Alphanumeric, 1 position, FLS O23 RELA_OPTION.

2024 – Institution Groups

Purpose

This panel is used to group together institutions that can be accessed with Cross Institution processing.

Key Panel

```
2024K     INFPOPR              Institution Groups          0001  08-09-2000


 Enter the following key parameters:


  Function  . . . . . . B             B (Browse)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)

  Application Nbr . . . __
  Group Inst Nbr  . . . ____
  Access Inst Nbr . . . ____




 Command===> 2024
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2024 – Institution Groups

Field Descriptions

Function

Function Code. Valid entries are:
- **b**   Inquiry only.
- **B**   Browse.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Application Nbr

Application Number.
Numeric, 2 positions, FLS O24 MANAGER_NBR.

Group Inst Nbr

Group Institution Number. The institution number that to which an operator can be signed on.
Numeric, 4 positions, FLS O24 GROUP_INST.

Access Inst Nbr

Access Institution Number. The institution number that can be accessed by an operator for cross institution processing.
Numeric, 4 positions, FLS O24 ACCESS_INST.

Primary Panel

```
 2024     ZERO            Institution Groups      0000  08-09-2000
                                                        More:   +
                                                        Delete _

 Application Nbr: 47
 Group Inst Nbr : 1
 Access Inst Nbr: 1









 Command===> 2024,B,47,1,1
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

2024 – Institution Groups

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:

    ƀ   Keep this record.

    D   Delete this record.

Alphanumeric, 1 position, FLS O24.

2025 – Alert Code Information

Purpose

This panel is used to define Alert Codes.

Key Panel

```
2025K    CICSTEST          Alert Code Information          0001  11-14-2002


  Enter the following key parameters:


    Function  . . . . . . _              B (Browse)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)


    Alert Code  . . . . . ___
    Language  . . . . . . __




  Command===> 2025
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2025 – Alert Code Information

Field Descriptions

Function

Function Code. Valid entries are:
- **b**   Inquiry only.
- **B**   Browse.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Alert Code

Alert Code.
Alphanumeric, 3 positions, FLS O25 ALERT_CODE.

Language

Language. Valid entries are defined on the MICM 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O25 LANG_CODE.

Primary Panel

```
 2025      CICSTEST          Alert Code Information       0001  11-14-2002
                                                                    More: -
                                                                    Delete _
   Alert Code . . : AAA
   Language . . . : EN

   Override Code    T
   Description  . . OVERRIDE




 Command===> 2025,B,AAA,EN
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F9=Edit   F11=Break
 F12=Cancel   F13=Select   F14=Copy
```

2025 – Alert Code Information

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
    b   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O25

Override Code   Override Code. Indicates if the Alert Code is subject to an override condition.
Valid entries are:
    I   Information only.
    N   No action required.
    R   Reject.
    S   Supervisor.
    T   Teller
Alphanumeric, 1 position, FLS O25 OVRIDE_CODE.

Description   Description. Description of the Alert Code.
Alphanumeric, 40 positions, FLS O25 ALERT_DESC.

2026 – TSQ Management

Purpose

This panel is used to maintain the Infopoint application temporary storage queues. These are the queues defined by the application that should be deleted when either they are orphaned or when the user signs off.

Key Panel

```
2026K     ZERO              TSQ Management Record        0000  10-09-2008


  Enter the following key parameters:


   Function  . . . . . .  _                    B (Browse)
                                               C (Copy)
                                               D (Delete)
                                               M (Maintenance)
                                               N (New)
                                               Space (Inquiry only)

   Application TSQ . . .  ____




  Command===> 2026
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

2026 – TSQ Management

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ Inquiry only.
- **B** Browse.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Application TSQ

Application Temporary Storage Queue. The application temporary storage queue to be deleted when SSL120 is processing.
Alphanumeric, 4 positions, FLS O26 APPL_TEMP_STRG.

Primary Panel

```
2026      ZERO              TSQ Management Record        0000  10-09-2008
                                                              More:   +
                                                              Delete _

    Application TSQ: FC00








    Command===> 2026,B,FC00
    F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
    F13=Select   F14=Copy   F15=Bottom
```

2026 – TSQ Management

Delete   Status Code. Indicates whether or not the record is deleted. Valid entries are:
                       ƀ   Keep this record.
                       D   Delete this record.
                      Alphanumeric, 1 position, FLS O26.

4005 – Mapper File Directory

Purpose   This panel is used to assign different text and/or panel layouts by institution, application, and/or operator ID. The mapper file directory points to a different ENCAMAP file.

Key Panel

```
4005K    ZERO              Mapper File Directory        0000  08-12-1998


 Enter the following key parameters:


  Function  . . . . . . N              B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

  Inst Number . . . . . 0001           (0000 - 9999)

  Appl Code . . . . . . 00

  Operator Id . . . . . SECURITY



Command===> 4005
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

4005 – Mapper File Directory

Field Descriptions

Function   Function Code. Valid entries are:
                  ƀ   Inquiry only.
                  B   Browse.
                  C   Copy.
                  D   Delete.
                  M Maintenance.
                  N   New.
                  Alphanumeric, 1 position.

Inst Number   Institution Number. The number of the institution to which the operator has access.
                  Numeric, 4 positions, FLS O45 INST_NBR.

Appl Code   Application Code. Valid entries are:
                  DP   Deposits.
                  EA   Exception Administrator.
                  MI   MICM.
                  RF   Relationship CIF.
                  TI   Time Investment.
                  Alphanumeric, 2 positions, FLS O45 APPL_NBR.

Operator Id   Operator Identification. This field contains the Operator ID that will use this
                     Mapper file. It is optional. When used it is matched up with the Operator ID on
                     MICM Operator record.
                     Alphanumeric, 8 positions, FLS O45 OPERATOR.

Primary Panel

```
4005      ZERO                 Mapper File Directory            0000  08-12-1998

                                                                   Delete  _
  Inst Number  . . 1
  Appl Code   . . . 01
  Operator Id  . . SECURITY

  Data Panel Name  DPL205
  Help Panel Name  HXX205






  Command===> 4005,N,1,01,SECURITY
  F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

4005 – Mapper File Directory

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record from the
                     file. Valid entries are:
                     ƀ   Keep this record.
                     D   Delete this record.
                     Alphanumeric, 1 position, FLS O45.

Data Panel Name   Data Set Name. Data set name used. This file must be set up in the CICS File
                     Control Table.
                     Alphanumeric, 6 positions, FLS O45 DATA_SET.

Help Panel Name   Help Data Set Name. Data set name used. This file must be set up in the CICS
                     File Control Table.
                     Alphanumeric, 6 positions, FLS O45 HELP_SET.

7000 – RCIF Translation Field Table

Purpose   This panel is used to maintain the Relationship CIF Translation Field Table. Data
                        entered on this panel determines which fields are translated.

Key Panel

```
 7000K     INFPOPR        RCIF Translation Field Table        0000  08-12-1998


   Enter the following key parameters:


    Function  . . . . . . N                      B (Browse)
                                                 C (Copy)
                                                 D (Delete)
                                                 M (Maintenance)
                                                 N (New)
                                                 Space (Inquiry only)








   Command===> M70001
   F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

7000 – RCIF Translation Field Table

Field Descriptions

Function   Function Code. Valid entries are:
                        b̶   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Primary Panel

```
 70001     INFPOPR        RCIF Translation Field Table     0000  08-12-1998

                                                               Delete _
                                   FIELD CODES 1 – 144
 12345678  ADBCDEDS   _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____
 _____  _____  _____  _____  _____  _____  _____  _____

 Command===> M70001,N
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F15=Bottom
```

7000 – RCIF Translation Field Table

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record. Valid
                          entries are:
                          ƀ   Keep this record.
                          D   Delete this record.
                          Alphanumeric, 1 position, FLS O97.

Field Codes 1 – 144   Field Codes 1 – 144.
                          Alphanumeric, 8 positions, 144 times, FLS O97 FIELD_CODE_1-144.

7001 – Translation Tables

Purpose   This panel is used for adding new or maintaining existing translation table
                   information. This panel can be used not only to edit and translate codes, but also
                   to store a single code or a range of codes.

Key Panel

```
7001K    INFPOPR              Translation Tables           0001  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . n               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Product Code. . . . . 99

   Record Id . . . . . . CPR

   Field Number  . . . . 022

   Language Code . . . . en

   Sequence Nbr  . . . . 004
Command===> 7001
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

7001 – Translation Tables

Field Descriptions

Function   Function Code. Valid entries are:
                       ƀ   Inquiry only.
                       B   Browse.
                       C   Copy.
                       D   Delete.
                       M   Maintenance.
                       N   New.
                   Alphanumeric, 1 position.

Product Code   Product Code.
                   Alphanumeric, 2 positions, FLS O71 PRODUCT_CODE.

Record Id   Record Number. The number of the MICM Master file record. This field is an
                   element in the record key.
                   Alphanumeric, 3 positions, FLS O71 RECORD_CODE.

Field Number   Field Number.
                   Alphanumeric, 3 positions, FLS O71 FIELD_NBR.

Language Code   Language Code. Valid entries are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with 'Y' in the Usage field.
Alphanumeric, 2 positions, FLS O71 LANG_CODE.

Sequence Nbr   Sequence Number. This number starts with a **1** for each field and is incremented by 1 for each possible value of the field.
Alphanumeric, 3 positions, FLS O71 SEQUENCE_NBR.

Primary Panel

```
 7001      INFPOPR              Translation Tables           0000  08-12-1998

                                                            Delete _

  Application  . . 99
  Record Id  . . . CPR
  Field Number . . 1
  Language Code    EN
  Sequence Nbr . . 1

  Value 1  . . . . 13
  Value 2  . . . . 15

  Description 1    SOME COLLEGE
  Description 2




  Command===> 7001,N,99,CPR,22,EN,1,EN,4
  F1=Help F3=Exit F4=Next F9=Edit F11=Break F12=Cancel F13=Select
```

7001 – Translation Tables

Field Descriptions

Delete   Status Code. Maintenance panel allows you to delete an entire record. Valid entries are:
    ƀ   Keep this record.
    D   Delete this record.
Alphanumeric, 1 position, FLS O71.

Value 1   Low Value. Code or low value of range to translate.
Alphanumeric, 12 positions, FLS O71 VALUE_1.

Value 2   High Value. High value of range to be translated.
Alphanumeric, 12 positions, FLS O71 VALUE_2.

Description 1   Description 1. Word(s) to which the code is to be translated.
Alphanumeric, 30 positions, FLS O71 DESC_1.

Description 2   Description 2. Word(s) to which the code is to be translated.
Alphanumeric, 30 positions, FLS O71 DESC_2.

MIAMTTM – Application Management Table Maintenance

Purpose
This panel is used to create, maintain, delete, and copy records on the Application Management Table.

Key Panel

```
MIAMTTMK  INFPOPR   Application Management Table Maintenance 0001  08-12-1998


 Record Code  . M00

 Appl Code  . . M_

 Function . . . M    (Enter (N)ew (M)aintain (D)elete (C)opy)






 Command===> MIAMTTM,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIAMTTM – Application Management Table Maintenance

Field Descriptions

Record Code
Record Code. Data base record name. This name must be the first 3 positions of the Short Name field when creating an SS File for Mapper. It is used in conjunction with the Application Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area. Also Positions 1 – 3, and 7 – 8 of the Short Name field of a SSFILE is used to tell the file handler program (MIL710) which files to process and which Application Management Table records to retrieve.
Alphanumeric, 3 positions.

Appl Code
Application Code. Data base application code which this record belongs to. This code must be in position 7 of the Short Name field when creating a SSFILE for Mapper. It is used in conjunction with the Record Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area.
Alphanumeric, 2 positions.

Function
Function Code. Valid entries are:
    C   Copy an Application Management Table record.
    D   Delete Application Management Table record.
    M   Maintenance an existing Application Management Table Record.
    N   New Application Management Table record.
Alphanumeric, 1 position.

Primary Panel

```
 MIAMTTM   INFPOPR      Application Management Table Maint  0001  08-12-1998
                                                                 More   +

 Record Code   M00        Record Name Advertising Messages
 Appl Code  . . M          User Program              Number Of Cards 11
 API Appl Code MI Rec O00 File DD Name    O00        Nbr Print Lines 10
 Data Base Type A          Log Appl Id . . MI        Log Appl Rec Id OAJ
 Valid Eff Date Y          Valid Model . . N         Valid Region    Y
 Record Number  2000       File Opt Sub   24  Mgr 0  Record Function Y OI-Ctl
 Field Number   2          Field Name  . . Institution Nbr
 Entry Type . . I          Edit Format . . 6         Edit Code . . . 4
 Field Length   4          Default Value             Decimal Pos . . 0
 Edit Ctl Low              Edit Ctl High             Field Update    Y
 Date Format               Help Name . . . HXXX002M  Non Default Cd  N
 Field Id . . .            User's Code . .
                           Token Name  . . INST_NBR
 Record Disp    1          Record Length   4
 Card Number    0          Card Displace   9         Print Format    11
 Head Line  . . 1          Head Displace   0
 Print Line . . 1          Print Displace  0         Print Length    4


 Command====>
 F1=Help   F3=Exit   F4=Next   F5=Refresh   F8=Forward   F11=Break
 F12=Cancel   F13=Select
```

MIAMTTM – Application Management Table Maintenance

Field Descriptions

Record Name
Record Name. Title of Data Base record.
Alphanumeric, 30 positions.

User Program
User Program Name. Name of user exit program to be linked to after editing has been performed by MIL710. The user program name must be in the CICS Processing Program Table (PPT).
Alphanumeric, 8 positions.

Number Of Cards
Number of Cards. Total number of cards required for entering all of the information contained for this record. Valid entries are **01 – 98**. Reserved for future use.
Alphanumeric, 2 positions.

API Appl Code
Application Program Interface Code. Used in conjunction with Record Code for access to records through the API server.
Alphanumeric, 2 positions.

Rec
Application Program Interface Record Code. The record code that is used for Record/Field security. It is part of the key for the Operator Record Authorization Record (ORA). For records that are not defined to the API, i.e., VSAM and Temporary Storage records, a 3-position record must be assigned. The first position of the record code must be the same code that is assigned to an application, i.e., 'J' for Deposits.
Alphanumeric, 3 positions.

File DD Name   External File Name. The VSAM External File Name when the Data Base Type is 'V', the API record code when the Data Base Type is 'A', the temporary storage item number when the Data Base Type is 'T', and the user exit programs name when the Data Base type is 'X'. This field contains spaces when used for IQ HDT message definitions.
Alphanumeric, 8 positions.

Nbr Print Lines   Number of Print Lines. Used to indicate to the master list program how many lines it needs to print the information for this record. Valid entries are **01 – 99**.
Alphanumeric, 2 positions.

Data Base Type   Data Base Type. Indicates the type of data base access to use. Valid entries are:
    A   API access.
    E   Edit only. No record access.
    P   Printing only. No record access.
    T   Temporary storage.
    V   VSAM access.
Alphanumeric, 1 position.

Log Appl ID   Log Application ID. Application Interface Code used by Application Management for log purposes. This field contains spaces when used for IQ HDT message definitions.
Alphanumeric, 2 positions.

Log Appl Rec ID   Log Record ID. Application Interface Code record ID used by Application Management for log purposes. This field contains spaces when used for IQ HDT message definitions.
Alphanumeric, 3 positions.

Valid Eff Date   Valid Effective Date. This code indicates whether this panel can have an effective date. Valid entries are:
    N   Cannot have an effective date.
    Y   Must have an effective date.

Note: Used for MICM records only.

Alphanumeric, 1 position.

Valid Model   Valid Model. This code indicates whether this panel can be used for modeling. This field is used in IQ HDT message definitions to indicate if the function module specified in the user program name is written according to standards. Valid entries are:
    N   Cannot be used for modeling. For IQ HDT message definitions, the function module is not written according to standards.
    Y   Can be used for modeling. For IQ HDT message definitions, the function module is written according to standards.

Note: Used for MICM records only.

Alphanumeric, 1 position.

Valid Region	Valid Region. This code indicates whether this panel can have a region entered. Valid entries are:

    N   Cannot have a region entered.
    Y   Must have a region entered.

Note: Used for MICM records only.

Alphanumeric, 1 position.

Record Number	MICM Record Number. This number is used only for MICM Master file records. For non-MICM records leave blank. When this field is left blank, the table record contains high values. *Numeric, 4 positions.*

File Opt Sub	File Option Subscript. This value may be **00** to **25** with **00** indicating to use the null file. Values **01** to **25** are used to access different manager files. The character used is taken from COM-FILOPT. Refer to MIOPP, Operator Profile Authorization Record for more information. *Numeric, 2 positions.*

Mgr	Manager Code. Code used when creating Maintenance History records. Valid entry is **00**, indicating MICM records. *Numeric, 2 positions.*

Record Function	Record Function Control. Indicates if this record can be added or deleted with Application Management. Valid entries are:

    N   Cannot add or delete records.
    Y   Can add or delete records.
Alphanumeric, 1 position.

OI-CTL	Organization/Institution Control. Indicates whether this record can be placed in Institution Zero only and/or can be placed only on the null organization file set. Valid entries are:

    b̸   No control.
    B   Both null organization and Institution Zero only.
    N   Never on Institution Zero.
    O   Null organization only.
    Z   Institution Zero only.
Alphanumeric, 1 position.

Field Number	Field Number. Number that is assigned to data base field within this record. This code must be in position 4 – 6 of the Short Name field when creating a SSFILE for Mapper. It is used in conjunction with the Record Name and Application Code to locate the field in the Panel Data Block and the location in the Panel Data Area. *Alphanumeric, 3 positions.*

Field Name   Field Name. Short name of the field. The name appears on printed reports.
                          Alphanumeric, 15 positions.

Entry Type   Field Entry Type. Indicates special attributes for the field. Valid entries are:
                          A   Customer key accumulated value for Relationship CIF only.
                          B   Customer key tie breaker for Relationship CIF only.
                          C   Customer key alpha portion for Relationship CIF only.
                          D   Date audit.
                          E   Effective date MICM key only.
                          F   Filler area in MICM key.
                          G   Region MICM key only.
                          H   Field contains the heading information only used by the print program.
                          I   Field is contained in the key area and is the institution number.
                          J   Date. Format is YYYYMMDD. This date is stored by subtracting 99999999. For example, 19950228 is stored as 8004977J.
                          K   Field is contained in the key area.
                          L   Record length.
                          M   Model MICM key only.
                          N   Normal field.
                          O   Indicator MICM only.
                          Q   MICM record number MICM only.
                          R   Field is reserved.
                          S   Field is the status field used for MICM maintenance.
                          T   Time audit.
                          U   User audit.
                          X   Normal field but exclude from Maintenance Journal.
                          Alphanumeric, 1 position.

Edit Format   Edit Format Code. Defines the format of the field on the Master Record. Valid entries are:
                          1   Alphanumeric.
                          2   Numeric display signed.
                          3   Numeric packed decimal signed.
                          4   Numeric binary signed.
                          6   Numeric display.
                          7   Numeric packed decimal.
                          8   Numeric binary.
                          Alphanumeric, 1 position.

Edit Code   Edit Code. Indicates what type of edit to perform on this field. Valid entries are:

01   No edit. Field can contain any characters.

02   Alphanumeric spaces allowed. Field can contain characters `a'
through `z', `A' through `Z', `0' through `9' and blanks.

03   Alphanumeric spaces not allowed. Field can contain characters `a'
through `z, `A' through `Z' and `0' through `9'.

04   Numeric. Field can contain characters `0' through `9', `+0' through
`+9' and `-0' through `-9'.

05   Numeric or spaces. Field can contain characters `0' through `9', `+0'
through `+9', `-0' through `-9' or can contain all blanks.

06   Numeric default zeros. Field can contain characters `0' through `9',
`+0' through `+9', `-0' through `-9'. If this field is not entered, or
contains blanks it is zero filled.

07   Range. The field is validated against the ranges specified in the Edit
Control.

08   Range default zeros. If field is not entered the field is zero filled. If the
field is entered it is validated against the ranges specified in the Edit
Control.

09   Range spaces OK. If field is blanks it is accepted. If it is not blanks it is
validated against the ranges specified in the Edit Control.

10   Codes. The field is validated against the codes specified in the Edit
Control.

11   Compare low. The value must be less than the value specified in the
Edit Control.

12   Compare high. The value must be greater than the value specified in
the Edit Control.

13   Date. Standard date edit.

14   Date. Standard date edit with zero being valid.

15   Date. Standard date edit. Default is the current date from Institution
Control File.

16   Date. Standard date edit with date not greater than current date on
the Institution Control File.

17   Date. Standard date edit with date not less than current date on the
Institution Control File.

18   Date. Standard date edit with date less than current date on the
Institution Control File.

19   Date. Standard date edit with date greater than the current date on
the Institution Control File.

20   Verification done with the use of MICM Record 7001. The Edit
Control Low field can be used to override the key used to access the
MICM Record 7001 table.

21   Verification done with the use of MICM Record 7001. There must be a
field with a `T' in the Field ID (EFLDID) present within the same
record. If the code is a `R' on the data base then the sequence numbers
001 through 499 are used. If the code on the data is a `C', then
sequence numbers 501 through 999 are used. If the code is not a `R' or
`C', then all sequence numbers are used.

22   Verify state. Uses the standard routine SRP049 (Verify State
Abbreviation), which is a 2-byte test.

23	Holiday. The year 1900 is purged and the standard date edit is performed.
24	Verify ZIP code. The ZIP Code verified by checking it with the State Abbreviation. A State Abbreviation field with an edit code of 22 must be present within the same record. If there is more than 1 State Abbreviation the Field Number of State Abbreviation to be used with this ZIP Code must be in the first 3 positions of Edit Control Field.
25	Verify province for Canada. A State Abbreviation field with an edit code of `28' must be present within the same record.
26	Verify branch. Verify by reading MICM Record 2001.
27	Special codes. The field is validated against the codes specified in the Edit Control then a search is made for all other fields that have an Edit Code of `27'. If one is found then the data from that field is compared to this field, and if it is equal it is an error. If either field contains a space then compare is not performed and the edit is accepted.
28	Verify country. Uses the standard routine SRP052 – Verify Country Abbreviations, which is a 2-byte test.
29	Foreign address. Edits foreign address fields (MICM batch only).
30	Special 2004. Edits a 4-character field as 4 separate fields. Refer to Panel 2004 (Field Security) in this guide.
31	Date. Date is filled by the application.
32	Date. Standard date edit where date must be equal to zeros or greater than the current date on the Institution Control File.
33	Alphanumeric, right justify and zero fill. Blanks are valid.
34	MICR sorter pockets. Magnetic Ink Character Recognition Sorter Pocket Codes for IBM 1419 only. Valid entries are **ƀA**, **ƀB**, **ƀR**, **ƀX**, **ƀ0**, **ƀ1**, **ƀ2**, **ƀ3**, **ƀ4**, **ƀ5**, **ƀ6**, **ƀ7**, **ƀ8** and **ƀ9**.
35	MICR sorter pockets. Magnetic Ink Character Recognition Sorter Pocket Codes for IBM 1419, 3890 and 3694. This code performs a cross check with panels that have a MICR Type Code. These panels are 0124, 0128, 0132, 0134 and 0136.
	MICR Type Code 1 is for a 1419. Valid entries are Sorter Pocket Codes for IBM 1419 only. Valid entries are **ƀA**, **ƀB**, **ƀR**, **ƀX**, **ƀ0**, **ƀ1**, **ƀ2**, **ƀ3**, **ƀ4**, **ƀ5**, **ƀ6**, **ƀ7**, **ƀ8** and **ƀ9**.
	MICR Type Code 2 is for a 3890. Valid entries are:
	11 – 16, 21 – 26, 31 – 36, 41 – 46, 51 – 56, 61 – 66, ƀX, Xƀ and **XX**.
	MICR Type Code 3 is for a 3694. Valid entries are: **01** through **24, ƀX, Xƀ** and **XX**.
36	Special codes. The field is validated against the codes specified in the Edit Control. Each code is validated against each position in the field.
37	Codes, default 0. Edit for valid codes and if nothing entered, default to zero.
38	Codes, no missing test. Edit for valid codes and if nothing entered, bypass the missing entry test.
39	Language. Verify the entry against the language code.
40	A/N Upper, no spaces. Require entry for alphanumeric, upper case. If no entry, an error.
41	Numeric, no missing test. Edit for numeric and if nothing entered, bypass the missing entry test.

	42 Range, no missing test. The field is validated against the ranges specified in the Edit Control and if nothing is entered, bypass the missing est.
	43 Compare low, no missing test. The value must be less than the value specified in the Edit Control and if nothing is entered, bypass the missing test.
	44 Compare high, no missing test. The value must be greater than the value specified in the Edit Control and if nothing is entered, bypass the missing test.
	45 Product Code. Verification is performed by reading MICM Record 2023.
	46 Officer/Employee. Verification is performed by reading MICM Record 0242.

Alphanumeric, 3 positions.

Field Length   Field Length. The input length of the field. Valid entries are **01 – 80**.
Alphanumeric, 2 positions.

Default Value   Default Value. Information to be placed into this field when creating a new record.
Alphanumeric, 5 positions.

Decimal Pos   Decimal Position. Position of the assumed decimal point. (For example, number 11111.222 has a decimal position value of **3**.)
Alphanumeric, 1 position.

Edit Ctl Low   Edit Control Low. When the Field Edit Code is used as a range, place the low value into this field.   This field is also used to store the key to MICM Record 7001 when the Field Edit Code is set to **20**. The first three positions are used for the 7001 Record ID and the next three positions are used for 7001 Field Number.
Alphanumeric, 10 positions.

Edit Ctl High   Edit Control High. When the Field Edit Code is used as a range, place the high value into this field.
Alphanumeric, 10 positions.

Field Update   Field Update Code. Code allows or disallows the changing of data to this field. Valid entries are:

  D   Field cannot be changed. User code.
  N   Field cannot be changed.
  P   Protect from change. Field is entered for new but cannot be changed.
  R   Protect from change. Field is entered for new but cannot be changed. User code.
  S   Change data by moving new data into field. User code.
  W   Field cannot be changed. User code.
  X   Change data by moving new data into field. User code.
  Y   Change data by moving new data into field.
  Z   Protect from change. Field is entered for new but cannot be changed. User code.

Alphanumeric, 1 position.

Date Format	Date Format Code. Controls the format of dates that must be entered as MMDDYY or MMDDYYYY and changes them to YYYYJJJ or YYYYMMDD, depending on the Date Format Code value. It also is used for special handling codes. Valid date entries are:

    ƀ   Not a date field.
    C   ISO format.
    J   Julian format.
Alphanumeric, 1 position.

Help Name

Help Name. Field-level help name used to override the standard help name. It is used by Merge Mapping for designating the help panel and for the translate function. The standard name format must be used:

Position 1 – Prefix (standard is **H**).
Position 2-4 – Record Code.
Position 5-7 – Field Number
Position 8 – Application Code.

This field is used as follows for IQ HDT message definitions:

Field Identification Code 0. Indicates a Data Change Flag. The help name is used to define the record and field number of the associated field (e.g., F*rrrnnna*, where *rrr* is the record code, *fff* is the field number, and *a* is the application code).

Field Identification Code 7. Indicates a Select Key element. The Help Name field will contain the field number of corresponding record field coded as R*rrrfffa*, where *rrr* is the AMT record code, *fff* is the AMT field number and *a* is the AMT application code.:

Field Identification Code 8. Indicates a Data Change Group. The help name is used to define the length of the data change area and number of times it occurs (e.g., D*nnnoooƀ*, where *nnn* is the number of data change flags within the group and *ooo* is the number of occurrences for the group.)

Field Identification Code 9. Indicates a Record Part. The Help Name contains the AMT record part key. (e.g., R*rrroooa*, where *rrr* is the AMT record code, *ooo* is the number of occurrences of the AMTrecord where 000 indicates one record, and *a* is the application code used to form a key to another AMT record).
Alphanumeric, 8 positions.

Non Default Cd

Non-default Code. This code indicates if the non-default '\' character is valid for this field. Valid entries are:

    N   Non-default character is not valid for this field.
    Y   Non-default character is valid for this field.

Note: Used for MICM records only.

Alphanumeric, 1 position.

Field Id

Field ID. Indicates what type of data is in the field. It is used for special processing and/or security checking. Valid entries are:

A   Currency amount.
B   Date international edit.
C   Currency code.
D   Currency decimal.
E   Employee.
H   Escheat.
M   MICR type.
O   Dormant.
P   Postal code.
S   State.
T   Relationship CIF type.
U   Status.
V   Province.
Y   City.
Z   ZIP code.
0   IQ HDT Message Definition Data Change Flag. The help name is used to define the record and field number of the associated field (e.g., F*rrrnnna*, where*: rrr* is the AMT record code, *fff* is the AMT field number, and *a* is the AMT application code.
1   CIFAC Data Change Flag. For IQ HDT message definitions, this identifies the Data Change Flag for :MICNT:-CIFAC.
2   Func Data Change Flag. For IQ HDT message definitions, this identifies the Data Change Flag for :MICNT:-FUNC.
3   Message Indicator.

    ƀ   No message text. Corresponding record occurrence was changed, added or deleted.
    E   Error Message. Corresponding record occurrence was not changed, added or deleted.
    I   Information Message. Corresponding record occurrence was changed, added or deleted.

4   Message Text. The error number appended with its MICM Record 2011 message text or any message text set by the function module.
5   Number of Occurrences. The number of occurrences returned from a browse request or the number of occurrences to process in the request message. (e.g., the function program maximum number of occurrences for a browse request may be 100 but the client may only be requesting 50).
6   End of File and/or End of Institution Indicator. Valid entries are:

    ƀ   Not at end.
    E   End of file.
    I   End of institution.

7   Select Key Element. The Help Name field will contain the field number of the corresponding record field coded as R*rrrfffa* where *rrr* is the AMT record code, *fff* is the AMT field number and *a* is the AMT application code.

8	IQ HDT Data Change Group. The help name is used to define the length of the data change area and number of times it occurs (e.g., D*nnnooob*, where *nnn* is the number of Data Change Flags within the group and *ooo* is the number of occurrences for the group.
9	IQ HDT Record Part. Record parts are additional AMT definitions that make up the function message. Indicates where the record part is located in the message. The Help Name contains the AMT record part key (e.g., *Rrrroooa*, where *rrr* is the record code, *ooo* is the number of occurrences of the AMT record where 000 indicates one record, and *a* is the application code used to form a key to another AMT record).

Alphanumeric, 1 position.

User's Code

User's Code. Used by the Event Processor to control which fields are processed and the type of editing to be performed. If the User's Code is not an **E**, **N**, or **S**, the field is not included in the event message, regardless of whether or not the value has changed. Valid entries are:

E	No editing. Do not suppress leading zeros and trailing spaces.
N	Normal numeric editing controlled by the Print Format Code on the Application Management Table.
S	Suppress leading zeros and trailing spaces. Fields of zero contain one zero and fields of all spaces contain one space.

Alphanumeric, 1 position.

Token Name

Token Name (Alias Field Name). The 15-position token name. This is the SQL name for the field in the database.
Alphanumeric, 15 positions.

Record Disp

Record Field Displacement. Position in the record that the field starts in.
Alphanumeric, 4 positions.

Record Length

Record Field Length. Number of positions used in the record. Valid entries are **01 – 79**.
Alphanumeric, 2 positions.

Card Number

Card Number. Card number which contains the field. Valid entries are **00 – 98**. Reserved for future use.
Alphanumeric, 2 positions.

Card Displace

Card Displacement. Card column that the field starts in. Valid entries are **01 – 80**. The sum of (Card Displacement + Field Length – 1) cannot be greater than 80. Reserved for future use.
Alphanumeric, 2 positions.

Print Format	Print Format Code. Defines how the field appears when entered. Valid entries are:

01	Alphanumeric.
02	ZIP Code: 99999-9999- if value of Field Length is greater than 5, 99999- if the value of Field Length is less than 6.
03	Dollars and Cents: Z,ZZZ,ZZZ,ZZZ,ZZZ,ZZZ.99- Decimal position are shown in the position determined by the Decimal Position field.
04	Rate: ZZZZZZZZZZZZZZ.999- Decimal position are shown in the position determined by the Decimal Position field.
05	Number: ZZZ,ZZZ,ZZZ,ZZZ,ZZZ,ZZ9-
06	Telephone Number: 999/999-9999-
07	Transit Number: 9999-9999-
08	Date 6 positions: 99-99-99-
09	Date 8 positions: 99-99-9999-
10	Leading zero suppressed: ZZZZZZZZZZZZZZZZZ9-
11	Numeric: 999999999999999999-
12	Date 6 positions: 99 99 99-
13	Date 8 positions: 99 99 9999-
14	Date 6 positions: 99/99/99-
15	Date 8 positions: 99/99/9999-
16	Time: 99:99:99-
17	Social Security Number: 99-999-9999-
18	Telephone Number: (999)999-9999-
19	Time: 99:99:9999
20	Tax Identification Number: 99-9999999-
21	Zero suppress, left justify for alpha field

Alphanumeric, 2 positions.

Head Line	Print Heading Line Number. Line number where the field heading is printed. Valid entries are **01 – 99**, but cannot be greater than the Number of Print Lines. *Alphanumeric, 2 positions.*
Head Displace	Print Heading Displacement. The starting position on the report where the field heading is printed. Valid entries are **000 – 132**. Standard starting columns are: 1, 32, 65, and 98. *Alphanumeric, 3 positions.*
Print Line	Print Line Number. Line number where the field is to be printed. Valid entries are **01 – 99**, but cannot be greater than the Number Of Print Lines. *Alphanumeric, 2 positions.*
Print Displace	Print Displacement. Starting position on the report line that field is printed. Valid entries are **000 – 132**. The sum of Print Displacement plus Print Field Length minus 1, cannot be greater than 132. *Alphanumeric, 3 positions.*
Print Length	Print Field Length. Length of the field on the report, including all editing characters. Valid entries are **001 – 132**. *Alphanumeric, 3 positions.*

Product Codes

The following table provides a list of 1-character product codes to be used when naming Help SS Files and documentation field description files.

Product Code	Application
A	Customer Profitability
B	Combined Statement
C	Collections
D	Deposits/Expedited Funds Availability Scheduler (EFAS)
E	Exception Administrator
F	FCS
G	Cashtran (Reserved)
H	Not used
I	Time Investment
J	Account Analysis
K	Not used
L	Installment Loans
M	Master Information and Control Manager/Relationship Pricing
N	Not used
O	Mortgage Loans
P	SuperMICR II
Q	Commercial Loans
R	Relationship CIF (RCIF)
S	Not used
T	Teller
U	De-dupe
V	Lines of Commitments
W	Not used
X	Not used
Y	Combined Interest
Z	Not used
0-9	Not used

MIASKINQ – Ask Infopoint Inquiry

Purpose   This is an inquiry panel that uses specified keywords to access and display Ask
                     Infopoint text panels. Keywords can be defined at either an institution or
                     universal level.

Key Panel

```
 MIASKINQ  INFPOPR      Ask Infopoint Inquiry              001   08-12-1998



    Enter the following key parameters:


       Keyword Type . . . U          U: Universal Keyword
                                     I: Institution Keyword

       Keyword  . . . . . ASKINFO_____




 Command====> MIASKINQ,,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIASKINQ – Ask Infopoint Inquiry

Field Descriptions

Keyword Type   Ask Infopoint Keyword Type. Indicates whether the Ask Infopoint Record is
                     available for all institutions (universal) or for a specific institution. Valid entries
                     are:
                     I   Ask Infopoint Record is available for a specific institution.
                     U   Universal. Ask Infopoint Record is available for all institutions.
                     Alphanumeric, 1 position.

Keyword   Ask Keyword. Unique 20-character word or group of words that identifies a text
                     panel.
                     Alphanumeric, 20 positions.

Action Panel

```
 05:19:42 PM        * * * * * * * *  M I C M  * * * * * * * *     08-03-1998
                  * * * * * * * *  M I C M   P R O C E D U R E S  * * * * * * * *

            KEYWO ...............................................
            ----- :                                             :
                  :   Key Word: MICM                             :
            ASKIN :                                              :
                  :                                              :
            SECUR :   Please select the desired action: 3        :
                  :                                              :
                  :   1 : Cancel                                 :
                  :   2 : Quit Panel and Return to Key Panel      :
            ASK INF :  3 : Exit to Primary Panel                 :
            INQUIRI :                                             :
                  :   Description . . MICM PROCEDURES            :
            SECURIT :                                          : ND MENUS
            VIA MIC :                                          :
                  :...............................................:

            ******* TO CONTINUE, ENTER DESIRED KEYWORD, PRESS <ENTER> *******

       Command====> MIASKINQ,,,
       F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIASKINQ – Ask Infopoint Inquiry

Field Descriptions

Cancel — Cancel. Cancels the inquiry and returns to the Infopoint Selection Menu panel.

Quit Panel and Return to Key Panel — Quit Panel and Return to Key Panel. Cancels the inquiry and returns control to the MIASKINQ key panel.

Exit to Primary Panel — Exit to Primary Panel. Exits the action panel and returns to the primary panel.

MIASKUPD – Ask Infopoint New or Maintenance

Purpose   This is a 24-line x 79-column panel that allows the free-form input of information.

Key Panel

```
MIASKUPD  INFPOPR      Ask Infopoint New or Maintenance   001   08-12-1998



   Enter the following key parameters:


      Function . . . . . M          N: New
                                    M: Maintenance

      Keyword  . . . . . ASKINFO_____






Command====> MIASKUPD,,,
F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIASKUPD – Ask Infopoint New or Maintenance

Field Descriptions

Function   Function Code. Valid entries are:
                       M   Maintenance to existing Operator Dialogue Records.
                       N   New Operator Dialogue Record.
                   Alphanumeric, 1 position.

Keyword   Keyword. User-defined field used to access the information.
                   Alphanumeric, 8 positions.

Action Panel

```
October 8, 1998
                ..........................................
                :                                              :
                :   Key Word: MICMTEST                         :
THIS IS A TES  :                                              :
                :   Please Select The Desired Action: 10       :
                :                                              :
                :    1 : Add New Line                          :
                :    2 : Delete Current Line                   :
                :    3 : Insert Line                           :
                :    4 : Copy Line                             :
                :    5 : Move Line                             :
                :                                              :
                :    6 : Purge Record                          :
                :    7 : Replicate Record                      :
                :    8 : Undo Changes                          :
                :                                              :
                :    9 : Exit                                  :
                :   10 : Save Text And Return                  :
                :   11 : Quit Panel Do Not Save Text           :
                :                                              :
                :   Description . . _____     :
                :                                              :
                ..........................................
```

MIASKUPD – Ask Infopoint New or Maintenance

Field Descriptions

1   Add New Line. Adds a new line directly above the line on which the cursor is positioned at the time this function is invoked.

2   Delete Current Line. Deletes the current line on which the cursor is positioned at the time this is invoked.

3   Insert Line. Inserts a line directly above the line the cursor is on at the time this function is invoked. Used in conjunction with the COPY LINE and MOVE LINE functions to insert copied and moved lines to the desired destination.

4   Copy Line. Copies the current line to be inserted using the INSERT LINE command. Select the COPY LINE function first, then press F10 again and select the INSERT LINE function to insert the copied line.

5   Move Line. Moves the current line to be inserted using the INSERT LINE command. Select the MOVE LINE function first, then press F10 again and select the INSERT LINE function to insert the line at the desired location.

6   Purge Record. Deletes the current Ask Infopoint record and returns control to the MIASKUPD key panel.

7   Replicate Record. Produces a copy of the current Ask Infopoint Record. Control returns to the MIASKUPD key panel where the name of the record copy must be entered. The new record copy appears on the panel.

8	Undo Changes. Eliminates all changes made to the current panel using functions 1 - 5. Displays all record data on the panel as it was before any revisions were made.
9	Exit. Exits from the action panel back to the primary panel.
10	Save Text and Return. Saves the current Ask Infopoint Record text and returns to the MIASKUPD key panel.
11	Quit Panel Do Not Save Text. Exits the current panel and returns control to the MIASKUPD key panel. Text entered during the current session is not to be saved.

MIBMTABL – Build MICM Temporary Storage Table

Purpose

This panel is used to create or delete MICM's Temporary Storage Table. If changes are made to MICM Records 0211, 2023, 4005 (Mapper File Directory), 7000, 7001, MIORA (field section), MIORG (file suffix), MIRCD, MIRLD, or MITDF, then MIBMTABL needs to be executed to rebuild the temporary storage table in order for the changes to become effective.

Key Panel

```
 MIBMTABL  ZERO        Build MICM Temporary Storage Table    0000  08-12-1998


 FUNCTION . . . _    ENTER (B)UILD (D)ELETE










 Command===> MIBMTABL,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIBMTABL – Build MICM Temporary Storage Table

Field Descriptions

Function

Function. Valid entries are:

B   Build temporary storage table.
D   Delete temporary storage table.
Alphanumeric, 1 position.

MICFL – Field Language Table

Purpose

This panel is used to maintain the Field Language Table File, which works in conjunction with the Field Definition Table and defines the language information associated with each field defined in the MICM AMT Record. This information is maintained in card format and is loaded with a MICM utility.

Key Panel

```
MICFLK    ZERO                  Field Language Table          0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B               B (Browse)
                                          C (Copy)
                                          D (Delete)
                                          M (Maintenance)
                                          N (New)
                                          Space (Inquiry only)

       Record ID . . . . . . ___

       AMT Appl Id . . . . . _

       Field Name  . . . . . _____

       Language  . . . . . . __


  Command===> MICFL
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICFL – Field Language Table

Field Descriptions

Function

Function. Valid entries are:

ƀ   Inquiry only.

B   Browse.
C   Copy.
D   Delete.
M   Maintenance.
N   New.

Alphanumeric, 1 position.

Record Id

Record ID. Internal API Record ID. It must be the same Record ID as defined in the BNKBIPD1 Table, in the label field of the BIMD1TAB TYPE=RECORD Macro.

This is the primary element in the keys of the Record Description, Field Definition, Language Definition, Field Language Definition, Key Field Definition and the Operator Authorization record key.

Alphanumeric, 3 positions, FLS OAO RECORD_ID.

Amt Appl Id	Application Code. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank. *Alphanumeric, 1 position, FLS OAO AMT_APPL_ID.*
Field Name	Field Name. The 15-position token name. This is the SQL name for the field in the database. *Alphanumeric, 15 positions, FLS OAO FIELD_NAME.*
Language	Language Code. Valid codes are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with a 'Y' in the usage field. *Alphanumeric, 2 positions, FLS OAO LANG_CODE.*
Primary Panel	

```
 MICFL     ZERO              Field Language Table         0000  08-12-1998
                                                                  More:   +
                                                                  Delete _
      Record ID  . . : ABA
      AMT Appl Id  . :
      Field Name . . : ACCT_DESG
      Language . . . : EN

      Print Format . . 1
      Online Name  . . Desg
      Batch Name . . . Desg
      Label  . . . . . _____
      Long Name  . . . _____

      Long Desc 1  . . _____
      Long Desc 2  . . _____
      Long Desc 3  . . _____
      Long Desc 4  . . _____



      Command===> MICFL,B,ABA,,ACCT_DESG,EN
      F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
      F13=Select   F14=Copy   F15=Bottom
```

MICFL – Field Language Table

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

    ƀ   Keep this record.

    D   Delete this record.

Alphanumeric, 1 position, FLS OAO.

Print Format	Print Format Code. Defines how the field appears when entered. Decimal position for code 3 + 4 are variable. Valid entries are:

01	Alphanumeric. No Edit.
02	99999-9999- or 99999-.
03	*Z,ZZZ,ZZZ,ZZZ,ZZZ,ZZZ.99-.*
04	*ZZZZZZZZZZZZZZZ.999-.*
05	*ZZZ,ZZZ,ZZZ,ZZZ,ZZZ,ZZ9-.*
06	999/999-9999-.
07	9999-9999-.
08	99-99-99-.
09	99-99-9999-.
10	*ZZZZZZZZZZZZZZZZZ9-.*
11	999999999999999999-.
12	99 99 99-.
13	99 99 9999-.
14	99/99/99-.
15	99/99/9999-.
16	99:99:99-.
17	99-999-9999-.
18	(999)999-9999-.
19	99:99:9999.
20	99-9999999-.
21	Zero suppress for Alph (9).
22	Account edit (MICM Record 2023).

Numeric, 2 positions, FLS OAO FORMAT_CODE.

Online Name	Online Literal. The heading literal to use for online display. *Alphanumeric, 15 positions, FLS OAO ONLINE_NAME.*
Batch Name	Batch Literal. The heading literal to use for reporting purposes. *Alphanumeric, 15 positions, FLS OAO BATCH_NAME.*
Label	Label. The description of the field that us used as a 'Tag' when the field is displayed or presented online. *Alphanumeric, 30 positions, FLS OAO LABEL.*
Long Name	Long Name. A long name or description that can be associated with the field. *Alphanumeric, 40 positions, FLS OAO LONG_NAME.*
Long Desc 1	Long Description 1. First 50 positions of the description. *Alphanumeric, 50 positions, FLS OAO LONG_DESC_1.*
Long Desc 2	Long Description 2. Second 50 positions of the description. *Alphanumeric, 50 positions, FLS OAO LONG_DESC_2.*
Long Desc 3	Long Description 3. Third 50 positions of the description. *Alphanumeric, 50 positions, FLS OAO LONG_DESC_3.*
Long Desc 4	Long Description 4. Fourth 50 positions of the description. *Alphanumeric, 50 positions, FLS OAO LONG_DESC_4.*

MICLD – Logical Database Table

Purpose   This panel is used to maintain the Logical Database Table. This information is built using the batch program MIR750, which reads the BIS table 2 to create BNKBIPD1 and BNKBIPD2.

Key Panel

```
 MICLDK    ZERO                Logical Database Table        0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . B              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
     Logical DB Name . . . _____

     Org Id  . . . . . . . _____




 Command===> MICLD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICLD – Logical Database Table

Field Descriptions

Function   Function. Valid entries are:
                b   Inquiry only.
                B   Browse.
                C   Copy.
                D   Delete.
                M   Maintenance.
                N   New.
                Alphanumeric, 1 position.

Logical DB Name   Logical Database Name. Name associated with this record. It is the Organization ID parameter in the API BNKBIPD2 entry for this record.
                Alphanumeric, 8 positions, FLS OAQ LOGICAL_DB_NAME.

Org Id   Organization ID (alias File Set Code). The API Organization ID override. Must be the same organization ID as defined in the BNKBIPD2 Table in the ORGID= field of the BIMD2TAB TYPE=ORGID Macro.

                This is an element of the Client/Server Logical Database key.
                Alphanumeric, 6 positions, FLS OAQ ORG_ID.

Primary Panel

```
MICLD     ZERO          Logical Database Table          0000  08-12-1998
                                                              More:   +
                                                               Delete _
Logical DB Name: ANFBAJ
Org Id . . . . . :

DB Name   . . . .  _____
DB Driver  . . .  _____
DB URL . . . . .  _____
DB User Id . . .  _____
DB Password  . .  _____
Nbr Connections  0




Command===> MICLD,B,ANFBAJ,
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MICLD – Logical Database Table

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

ƀ   Keep this record.
D   Delete this record.

Alphanumeric, 1 position, FLS OAQ.

DB Name

Database Name. The physical database name for this logical database that the record is associated with.
Alphanumeric, 50 positions, FLS OAQ DB_NAME.

DB Driver

Database Driver. The name of the database driver that is used to retrieve information for this record.
Alphanumeric, 50 positions, FLS OAQ DB_DRIVER.

DB URL

Database URL. The database name or universal resource location associated with the logical database on which the record resides.
Alphanumeric, 50 positions, FLS OAQ DB_URL.

DB User Id

Database User Identification. The user ID, assigned by security, to access the database.
Alphanumeric, 50 positions, FLS OAQ DB_USER_ID.

DB Password

Database Password. The password, assigned by security, used to access the database.
Alphanumeric, 50 positions, FLS OAQ DB_PASSWORD.

Nbr Connections   Number of Connections. The number of concurrent connections that are allowed
                         to connect to the database.
                         Alphanumeric, 8 positions, FLS OAQ NBR_CONNECT.

MICRL – Record Language Table

Purpose

This panel is used to maintain the Record Language Table, which defined the language associated with each record defined in the API tables. This information is maintained in card format and is loaded with a MICM Utility.

Key Panel

```
MICRLK    ZERO            Record Language Table          0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B              B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
    Record Id . . . . . . ___

    AMT Appl Id . . . . . _

    Language  . . . . . . __



  Command===> MICRL
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICRL – Record Language Table

Field Descriptions

Function

Function. Valid entries are:
- **b**   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Record Id

Record ID. Internal API Record ID. It must be the same Record ID as defined in the BNKBIPD1 table, in the label field of the BIMD1TAB TYPE=RECORD Macro.

This is the primary element in the keys of the Record Description, Field Definition, Language Definition, Field Language Definition, Key Field Definition and the Operator authorization record key.
Alphanumeric, 3 positions, FLS OAP RECORD_ID.

Amt Appl Id   AMT Application ID. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank.
Alphanumeric, 1 position, FLS OAP AMT_APPL_ID.

Language   Language Code. Valid codes are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with a 'Y' in the usage field.
Alphanumeric, 2 positions, FLS OAP LANG_CODE.

Primary Panel

```
MICRL    ZERO              Record Language Table          0000  08-12-1998
                                                                 More:   +
                                                                 Delete _
Record Id  . . : ABA
AMT Appl Id  . :
Language . . . : EN

Record Name  . . ANALYSIS 8.4 BALANCE ADJUSTMENT RECORD




Command===> MICRL,B,ABA,,EN
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MICRL – Record Language Table

Field Descriptions

Delete   Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
      ƀ   Keep this record.
      D   Delete this record.
Alphanumeric, 1 position, FLS OAP.

Record Name   Record Name.
Alphanumeric, 40 positions, FLS OAP RECORD_NAME.

MICSF – Field Definition Table

Purpose   This panel is used to maintain the Field Definition Table, which is the normalized version of the MICM AMT Record. It if used to define the field attributes for each field defined in the AMT table.

Key Panel

```
 MICSFK    ZERO              Field Definition Table           0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . B            B (Browse)
                                      C (Copy)
                                      D (Delete)
                                      M (Maintenance)
                                      N (New)
                                      Space (Inquiry only)

   Record Id . . . . . . ___

   AMT Appl Id . . . . . _

   Token Name  . . . . . _____



 Command===> MICSF
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICSF – Field Definition Table

Field Descriptions

Function   Function. Valid entries are:
     ** b**   Inquiry only.
     B   Browse.
     C   Copy.
     D   Delete.
     M   Maintenance.
     N   New.
Alphanumeric, 1 position.

Record Id   Record ID. Internal API Record ID. It must be the same Record ID as defined in the BNKBIPD1 Table, in the label field of the BIMD1TAB TYPE=RECORD Macro.

This is the primary element in the keys of the Record Description, Field Definition, Language Definition, Field Language Definition, Key Field Definition and the Operator Authorization record key.
Alphanumeric, 3 positions, FLS OAN RECORD_ID.

Amt Appl Id   AMT Application ID. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank.
Alphanumeric, 1 position, FLS OAP AMT_APPL_ID.

Token Name   Token Name. This is the SQL name for the field in the database.
                          Alphanumeric, 15 positions, FLS OAN FIELD_NAME.

Primary Panel

```
 MICSF     ZERO            Field Definition Table         0000  08-12-1998
                                                                   More:   +

   Record Id   . . : ABA
   AMT Appl Id  . :
   Token Name . . : ACCT_DESG
   Field Order  . : 2
   Source . . . . . _____
   Class Name . . . _____
   Field Number . : 4          Field Name . . : Desg
   Entry Type . . : K          Edit Format  . : 1          Edit Code  . . : 1
   Field Length . : 1          Default Value  :            Decimal Pos  . : 0
   Edit Ctl Low . :            Edit Ctl High  :            Field Update . : N
   Date Format  . :            Help Name  . . :            Non Default Cd : N
   Field Ident  . :            User's Code  . :

   Record Disp  . : 5          Record Length  : 1
   Card Number  . : 0          Card Displace  : 9          Print Format . : 1
   Print Line . . : 1          Head Displace  : 0
   Head Line  . . : 1          Print Displace : 0          Print Length . : 1

   Command===> MICSF,B,ABA,,ACCT_DESG
   F1=Help   F3=Exit   F4=Next  F8=Forward  F9=Edit   F11=Break   F12=Cancel
   F13=Select   F14=Copy   F15=Bottom
```

MICSF – Field Definition Table

Field Descriptions

Field Order   Field Order. The location of this field in the record. Valid entries are **1 – 1000**.
                          Numeric, 4 positions, FLS OAN FIELD_ORDER.

Source   Source. Originating source of this field. This could be a description, file name,
                          system name etc.
                          Alphanumeric, 50 positions, FLS OAN SOURCE.

Class Name   Class Name. Name of the client/server object that defines, maintains, and
                          services this field.
                          Alphanumeric, 50 positions, FLS OAN CLASS_NAME.

Field Number   Field Number. The number that is assigned to data base field within this record.
                          This code must be in position 4 through 6 of the Short Name field when creating
                          an SSFILE for Mapper. It is used in conjunction wit the Record Name and
                          Application Code to locate the field in the Panel Data Block and the location in
                          the Panel Data Area.
                          Numeric, 3 positions, FLS OAN FIELD_NBR.

Field Name   Field Name. The short name of the field. This name appears on the printed
                          reports.
                          Alphanumeric, 15 positions, FLS OAN ONLINE_NAME.

Entry Type | Field Entry Type. Indicates special attributes for the field. Valid entries are:

    A   Customer key accumulated value for Relationship CIF only.
    B   Customer key tie breaker for Relationship CIF only.
    C   Customer key alpha portion for Relationship CIF only.
    D   Date audit.
    E   Effective date MICM key only.
    F   Filler area in MICM key.
    G   Region MICM key only.
    H   Field contains the heading information only used by the print program.
    I   Field is contained in the key area and is the institution number.
    J   Date. Format is YYYYMMDD. This date is stored by subtracting 99999999. For example, 19950228 is stored as 8004977J.
    K   Field is contained in the key area.
    L   Record length.
    M   Model MICM key only.
    N   Normal field.
    O   Indicator MICM only.
    Q   MICM record number MICM only.
    R   Field is reserved.
    S   Field is the status field used for MICM maintenance.
    T   Time audit.
    U   User audit.
    X   Normal field but exclude from Maintenance Journal.

Alphanumeric, 1 position, FLS OAN FIELD_TYPE.

Edit Format | Edit Format Code. Defines the format of the field on the Master Record. Valid entries are:

    1   Alphanumeric.
    2   Numeric, display signed.
    3   Numeric, packed decimal signed.
    4   Numeric, binary signed.
    6   Numeric, display.
    7   Numeric, packed decimal.
    8   Numeric, binary.

Alphanumeric, 1 position, FLS OAN DATA_TYPE.

Edit Code | Edit Code. Indicates what type of edit to perform on this field. Valid entries are:

    01   No Edit.
    02   Alphanumeric, space.
    03   Alphanumeric, no space.
    04   Numeric.
    05   Numeric or spaces.
    06   Numeric, Default 0.
    07   Range.
    08   Range, Default 0.
    09   Range, spaces allowed.
    10   Codes.
    11   Compare Low.
    12   Compare High.
    13   Date edit.

14	Date edit, 0 valid.
15	Date Default C-D.
16	Date not > C-D.
17	Date not < C-D.
18	Date < C-D.
19	Date > C-D.
20	MICM Record 7001.
21	MICM Record 7001 special.
22	State.
23	Holiday.
24	ZIP Code.
25	Province.
26	Branch MICM Record 2001.
27	Special Codes.
28	Country.
29	Foreign Address.
30	Special 2004.
31	Pulg C-D.
32	Date 0 or > C-D.
33	Zero fill.
34	MICR 1419.
35	MICR 1419 3890.
36	Codes Any.
37	Codes Default 0.
38	Codes. No Miss Test.
39	Language Code.
40	A/N Upper. No space.
41	Numeric. No Miss Test.
42	Range, no missing test.
43	Compare low, no missing test.
44	Compare high, no missing test.
45	Product Code.
46	Officer/Employee.

Numeric, 3 positions, FLS OAN EDIT_CODE.

Field Length
Field Length. The input length of the field. Valid entries are **01 – 79**.
Numeric, 2 positions, FLS OAN INPUT_LENGTH.

Default Value
Field Update Code. This code allows or disallows the changing of data to this field. Valid entries are:
  N   Field will not be changed.
  P   Protect from change. Field is entered for new but cannot be changed.
  Y   Change data by moving new data into field.
Alphanumeric, 5 positions, FLS OAN UPDATE_CODE.

Decimal Pos
Decimal Position. The position of the assumed decimal point. (e.g., Number 11111.222; Decimal Position value would be 3.)
Numeric, 1 position, FLS OAN DECIMAL_POS.

Edit Ctl Low	Edit Control Low. When the Field Edit Code is used as a range, place the low value into this field. *Alphanumeric, 10 positions, FLS OAN LOW_VALUE.*
Edit Ctl High	Edit Control High (Alias High Value). When the Field Edit Code is used as a range, place the high value into this field. *Alphanumeric, 10 positions, FLS OAN HIGH_VALUE.*

Field Update

Field Update Code. This code allows or disallows the changing of data to this field. Valid entries are:

D Field cannot be changed. User code.
N Field cannot be changed.
P Protect from change. Field is entered for new but cannot be changed.
R Protect from change. User code.
S Change data by moving new data into field. User code.
W Field cannot be changed. User code.
X Change data by moving new data into field. User code.
Y Change data by moving new data into field.
Z Protect from change. Field is entered for new but cannot be changed.
Alphanumeric, 1 position, FLS OAN UPDATE_CODE.

Date Format

Date Format Code. Controls the format of dates that must be entered as MMDDYY or MMDDYYYY and changes them to YYYYJJJ or YYYYMMDD, depending on the Date Format Code value. Valid entries are:

ƀ Not a date field.
C CODASYL format.
J Julian format.
Alphanumeric, 1 position, FLS OAN DATE_FORMAT.

Help Name

Help Name. This is the Field Help Name used to override the standard help name. It is used by Merge Mapping for help panels and the translate function. The standard format must be used.

Position 1   Prefix. Usually an **H**.
Position 2-4   Record Code.
Position 5-7   Field Number.
Position 8   Application Code.
Alphanumeric, 8 positions, FLS OAN HELP_NAME.

Non Default Cd

Non-default (Alias Default Indicator). This code indicates if the Non-Default '\' character is valid for this field. Valid entries are:

N Non-default character is not valid for this field.
Y Non-default character is valid for this field.

Note: Used for MICM records only.

Alphanumeric, 1 position, FLS OAN DEFAULT_IND.

Field Ident

Field Identification. This code indicates what type of data is in the field. It is used for special processing and/or security checking. Valid entries are:

A Currency Amount.
B Date International Edit.
C Currency Code.
D Currency Decimal.
E Employee.
H Escheat.
M MICR Type.
O Dormant.
P Postal Code.
S State.
T Relationship CIF Type.
U Status.
V Province.
Y City.
Z ZIP Code.

Alphanumeric, 1 position, FLS OAN FIELD_IDENT.

User's Code

User Code.
Alphanumeric, 1 position, FLS OAN USER_CODE.

Record Disp

Record Field Displacement. The record position where the field starts.
Numeric, 4 positions, FLS OAN REC_FIELD_DSPL.

Record Length

Record Field Length. The number of positions used in the record. Valid entries are **01 – 79**.
Numeric, 2 positions, FLS OAN REC_FIELD_LEN.

Card Number

Card Number. The card number which contains the field. Valid entries are **00 – 98**. Reserved for future use.
Numeric, 2 positions, FLS OAN CARD_NBR.

Card Displace

Card Displacement. The card column that the field starts in. Valid entries are **01 – 80**. The sum of (Card Displacement + Field Length - 1) cannot be greater than 80. Reserved for future use.
Numeric, 2 positions, FLS OAN CARD_FIELD_DSPL.

Print Format	Print Format Code. Defines how the field appears when entered. Decimal Position for code 3 + 4 is variable. Valid entries are:

    01   Alphanumeric. No Edit.
    02   99999-9999- or 99999-.
    03   *Z,ZZZ,ZZZ,ZZZ,ZZZ,ZZZ.99-.*
    04   *ZZZZZZZZZZZZZZZ.999-.*
    05   *ZZZ,ZZZ,ZZZ,ZZZ,ZZZ,ZZ9-.*
    06   999/999-9999-.
    07   9999-9999-.
    08   99-99-99-.
    09   99-99-9999-.
    10   *ZZZZZZZZZZZZZZZZ9-.*
    11   999999999999999999-.
    12   99 99 99-.
    13   99 99 9999-.
    14   99/99/99-.
    15   99/99/9999-.
    16   99:99:99-.
    17   99-999-9999-.
    18   (999)999-9999-.
    19   99:99:9999.
    20   99-9999999-.
    21   Zero suppress for Alph (9).
    22   Account edit (MICM Record 2023).

Numeric, 2 positions, FLS OAN FORMAT_CODE.

Print Line	Print Line Number. The line number where the field is to be printed. Valid entries are **01 - 99**, but may not be greater than the Number of Print Lines. *Numeric, 2 positions, FLS OAN PRINT_LINE_NBR.*
Head Displace	Print Displacement. The starting position on the report line that field is printed. Valid entries are from **000 – 132**. The sum of Print Displacement plus Print Field Length minus 1, cannot be greater than 132. Standard starting columns are: 17, 48, 81 and 114. *Alphanumeric, 3 positions, FLS OAN PRINT_HEAD_DSPL.*
Head Line	Print Heading Line Number. The line number where the field heading is printed. Valid entries are **01 – 99**, but may not be greater than the Number of Print Lines. *Alphanumeric, 2 positions, FLS OAN PRINT_HEAD_NBR.*
Print Displace	Print Displacement. The starting position on the report line that field is printed. Valid entries are **000 – 132**. The sum of Print Displacement plus Print Field Length minus 1, cannot be greater than 132. Standard starting columns are: 17, 48, 81 and 114. *Alphanumeric, 3 positions, FLS OAN PRINT_DSPL.*

Print Length   Print Field Length. The length of the field on the report, including all editing
                              characters. Valid entries are **001 – 132**.
                              Alphanumeric, 3 positions, FLS OAN PRINT_LEN.

MICSK – Key Definition Table

Purpose

This panel is used to view the Key Definition Table, which is used to identify key fields associated with each record API record ID. This information is maintained in card format and is generated from entries on the MICM AMT table.

Key Panel

```
MICSKK    ZERO              Key Definition Table          0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B              B (Browse)
                                         M (Maintenance)
                                         Space (Inquiry only)

    Record Id . . . . . . ___

    AMT Appl Id . . . . . _

    Key Type  . . . . . . _

    Token Name  . . . . . _____

    Key Field Order . . . ____



  Command===> MICSK
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICSK – Key Definition Table

Field Descriptions

Function

Function. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **M** Maintenance.

Alphanumeric, 1 position.

Record Id

Record Identification. The API Record ID which is extracted from the Record Definition Table.

Alphanumeric, 3 positions, FLS OAR RECORD_ID.

Amt Appl Id

AMT Application ID. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank.

Alphanumeric, 1 position, FLS OAP AMT_APPL_ID.

Key Type

Key Type. Specifies what type of key this is for the Record ID. Valid entries are:
- **0** Primary Key definition.
- **1** Alternate Key 1 definition.
- **2** Alternate Key 2 definition.
- **3** Alternate Key 3 definition.

Numeric, 1 position, FLS OAR KEY_TYPE.

Token Name   Field Name. The 15-position SQL field or Token copybook name.
                          Alphanumeric, 15 positions, FLS OAR FIELD_NAME.

Key Field Order   Key Order. Order or position that this field appears in the key. For example,
                          entering **2** indicates this field is the second field in the key. Valid entries are **1 –
                          1000**.
                          Numeric, 4 positions, FLS OAR FIELD_ORDER.

Primary Panel

```
 MICSK     ZERO             Key Definition Table            0000   08-12-1998
                                                                   More:   +

 Record Id  . . : ABA
 AMT Appl Id  . :
 Key Type . . . : 0
 Token Name . . : ACCT_DESG
 Key Field Order: 2




 Command===> MICSK,B,ABA,,0,ACCT_DESG,2
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
 F13=Select    F15=Bottom
```

MICSK – Key Definition Table

MICSR – Record Definition Table

Purpose
This panel is used to view the Record Definition Table, which is the normalized version of the BNKBIPD1 API table and is used to create the runtime version of the MICM AMT table.

Key Panel

```
MICSRK    ZERO              Record Definition Table          0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . B                 B (Browse)
                                           M (Maintenance)
                                           Space (Inquiry only)
   Record Id . . . . . . ___

   AMT Appl Id . . . . . _






 Command===> MICSR
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MICSR – Record Definition Table

Field Descriptions

Function
Function. Valid entries are:
  ƀ   Inquiry only.
  B   Browse.
  M   Maintenance.
Alphanumeric, 1 position.

Record Id
Record ID. API record ID.
Alphanumeric, 3 positions, FLS OAK RECORD_ID.

AMT Appl ID
AMT Application ID. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank.
Alphanumeric, 1 position, FLS OAP AMT_APPL_ID.

Primary Panel

```
 ┌─────────────────────────────────────────────────────────────────────────┐
 │  MICSR     ZERO         Record Definition Table         0000  08-12-1998  │
 │                                                               More:   +   │
 │                                                                           │
 │                                                                           │
 │   Record Id  . . : ABA                                                    │
 │   AMT Appl Id  . :                                                        │
 │   Logic Data Base:          Alias Rec Code :           Access Method  :   │
 │   Log Update Code:          Record Length  : 0         Rec Key Length : 0 │
 │   Alt Key Len 1  : 0        Alt Key Dspl 1 : 0         Alt Key Len 2  : 0 │
 │   Alt Key Dspl 2 : 0        Alt Key Len 3  : 0         Alt Key Dspl 3 : 0 │
 │   Class Name . . . _____   │
 │   Record Name  . : ANALYSIS 8.4 BALANCE ADJUSTMENT RECORD                 │
 │   DB Type  . . . : A        DD Name  . . . : ABA                          │
 │   Record Code  . : BAJ      Appl Code . . : A         API Appl Code  : AN │
 │   Log Appl Id  . :          Log Appl Rec Id:          User Program . :    │
 │   Number Of Cards: 1        Nbr Print Lines: 1        Valid Model  . : N  │
 │   Valid Eff Date : N        Valid Region . : N        Record Number  : 1- │
 │   Manager Nbr  . : 99       File Opt Sub . : 0        Record Function: N  │
 │   Org/Inst Cntl  :                                                        │
 │                                                                           │
 │                                                                           │
 │   Command===> MICSR,B,ABA,                                                │
 │   F1=Help   F3=Exit   F4=Next   F8=Forward  F9=Edit   F11=Break   F12=Cancel│
 │   F13=Select   F14=Copy   F15=Bottom                                      │
 └─────────────────────────────────────────────────────────────────────────┘
```

MICSR – Record Definition Table

Field Descriptions

Logic Data Base
: Logical Database Name. The logical database to which this record. This is the LDBNAME parameter defined in the BIMD1TAB table (application A1 table). *Alphanumeric, 8 positions, FLS OAK LOGICAL_DB_NAME.*

Alias Rec Code
: Alias Name. This is the alias name associated with this record ID. It is a parameter (undocumented) defined in the BIMD1TAB macro of the BNKBIPD1 table. *Alphanumeric, 8 positions, FLS OAK ALIAS_REC_ID.*

Access Method
: Database Type. This field indicates the type of database to use. This is the ACCESS parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 Table). Valid entries are:
  - **D** DB2 access.
  - **F** VSAM access.

  Alphanumeric, 1 position, FLS OAK ACCESS_METHOD.

Log Update Code
: Log Update Code. Indicates whether updates to this record should be logged in the file audit journal. Valid entries are:
  - **A** Log inserts only.
  - **C** Log updates only.
  - **D** Log deletes only.
  - **N** Do not log updates (required for Infopoint).
  - **Y** Log updates.

  Alphanumeric, 1 position, FLS OAK LOG_UPDATE_CODE.

Record Length	Record Length. Indicates the length of the application portion of the record including the key and alternate key if specified. This is the RECLEN parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 Table). *Numeric, 4 positions, FLS OAK RECORD_LENGTH.*
Rec Key Length	Primary Key Length. The length of the primary key group for this record. This is the KEYLEN parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK REC_KEY_LENGTH.*
Alt Key Len 1	Alternate Key 1 Length. Indicates the length of alternate key 1. This is the ALT1LEN parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_LEN_1.*
Alt Key Dspl 1	Alternate Key 1 Offset. The offset or position of the alternate key 1 in the record. This is the ALT1OFF parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_DSPL_1.*
Alt Key Len 2	Alternate Key 2 Length. Indicates the length of alternate key 2. This is the ALT2LEN parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_LEN_2.*
Alt Key Dspl 2	Alternate Key 2 Offset. The offset or position of alternate key 2 in the record. This is the ALT2OFF parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_DSPL_2.*
Alt Key Len 3	Alternate Key 3 Length. Indicates the length of alternate key 3. This is the ALT3LEN parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_LEN_3.*
Alt Key Dspl 3	Alternate Key 3 Offset. The offset or position of alternate key 3 in the record. This is the ALT3OFF parameter defined in the BIMD1TAB macro of the BNKBIPD1 table (application A1 table). *Numeric, 4 positions, FLS OAK ALT_KEY_DSPL_3.*
Class Name	Class Name. Class or category with which the record has been associated. *Alphanumeric, 50 positions, FLS OAK CLASS_NAME.*
Record Name	Record Name. Title of the database record. *Alphanumeric, 40 positions, FLS OAK RECORD_NAME.*

DB Type | Database Type. Indicates the type of database access to use. Valid entries are:
  A   API access.
  E   Edit only. No record access.
  P   Printing only. No record access.
  T   TSQ access.
  V   VSAM access.
Alphanumeric, 1 position, FLS OAK DB_TYPE.

DD Name | Database Name. The API Record Name or a VSAM External File Name.
Alphanumeric, 8 positions, FLS OAK DB_NAME.

Record Code | Record Code. This is the data base record name. This name must be the first 3 positions of the Short Name field when creating an SS File for Mapper. It is used in conjunction with the Application Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area. Also, positions 1 through 3 and 7 through 8 of the Short Name field of a SSFILE are used to tell the file handler program (MIL710) which files to process and which Application Management Table records to retrieve.
Alphanumeric, 3 positions, FLS OAK RECORD_CODE.

Appl Code | Application Code. This is the data base application code to which this record belongs. This code must be in position 7 of the Short Name field when creating an SSFILE for Mapper. It is used in conjunction with the Record Code and Field Number to locate the field in the Panel Data Block and the location in the Panel Data Area.
Alphanumeric, 1 position, FLS OAK AMT_APPL_ID_2.

API Appl Code | Application Program Interface Code. This code is used in conjunction with the record code for access to records through the API server.
Alphanumeric, 2 positions, FLS OAK PRODUCT_CODE.

Log Appl Id | Log Application ID. This is the Application Program Interface Code used to log into Application Management.
Alphanumeric, 2 positions, FLS OAK LOG_PRODUCT_CD.

Log Appl Rec Id | Log Record ID. This is Application Program Interface Record Code used to log into Application Management.
Alphanumeric, 3 positions, FLS OAK LOG_RECORD_ID.

User Program | User Program Name. Name of user exit program to be linked to after editing has been performed by MIL710. The User Program Name must be in the CICS Processing Program Table (PPT).
Alphanumeric, 8 positions, FLS OAK USER_EXIT_PROC.

Number of Cards | Number of Cards. Total number of cards required for entering all of the information contained for this record. Valid entries are **01 - 98**. Reserved for future use.
Numeric, 2 positions, FLS OAK NBR_CARDS.

Nbr Print Lines
Number of Print Lines. Used to indicate to the master list program how many lines are required to print the information for this record. Valid entries are **01 – 99**.
Numeric, 2 positions, FLS OAK NBR_PRINT_LINES.

Valid Model
Valid Model. This code indicates whether this form can be used for modeling. Valid entries are:
   N   Cannot be used for modeling.
   Y   Can be used for modeling.

Note: Used for MICM records only.

Alphanumeric, 1 position, FLS OAK VALID_MODEL.

Valid Eff Date
Valid Effective Date. This code indicates whether this form can have an effective date. Valid entries are:
   N   Cannot have an effective date.
   Y   Must have an effective date.

Note: Used for MICM records only.

Alphanumeric, 1 position, FLS OAK VALID_EFFDATE.

Valid Region
Valid Region. This code indicates whether this form can have a region entered. Valid entries are:
   N   Cannot have a region entered.
   Y   Can have a region entered.

Note: Used for MICM records only.

Alphanumeric, 1 position, FLS OAK VALID_REGION.

Record Number
MICM Record Number. This record number is used only for MICM Master file records. For non-MICM records leave blank. When this field is left blank, the table record contains high values.
Numeric, 4 positions, FLS OAK FORM_NBR.

Manger Nbr
History Manager Code. This code is used when creating Maintenance History records. Valid entry is **00**, indicating MICM records.
Numeric, 2 positions, FLS OAK MANAGER_NBR.

File Opt Sub
File Option Subscript. This value may be **00 – 25** with **00** indicating to use the null file. Values **01 – 25** are used to access different manager files. The character used is taken from COM-FILOPT. Refer to MIOPP (Operator Profile Authorization Record) for more information.
Numeric, 2 positions, FLS OAK FILE_OPT_SUB.

Record Function
Record Function. Indicates if this record can be added or deleted with Application Management. Valid entries are:
   N   Cannot add or delete records.
   Y   Can add or delete records.
Alphanumeric, 1 position, FLS OAK RECORD_CONTROL.

Org/Inst Cntl | Organization/Institution Control. This code indicates whether this record can be placed only in institution zero and/or can be placed only on the null organization file set. Valid entries are:

    b̶   No control.

    B   Both null organization and institution zero only.

    N   Never on institution zero.

    O   Null organization only.

    Z   Institution zero only.

Alphanumeric, 1 position, FLS OAK ORG_INST_CNTL.

MIFM – Form Number Key

Purpose   This panel is used to enter form number key information for non-AMT MICM
                            records.

```
 MIFM      ZERO                  Form Number Key                0000  09-21-1998



      Form Number  . . . .  ____       (0000 - 9999)
      New or Maintenance   _           (N or M)
      Direct Key or Browse _           (K or B)









      Command===>
      F3=Exit  F12=Cancel
```

MIFM – Form Number Key

Field Descriptions

Form Number   Form Number. Valid entries are **0000 – 9999**.
                            Numeric, 4 positions.

New or Maintenance   New or Maintenance. Valid entries are:
                                M Maintenance.
                                N New.
                            Alphanumeric, 1 position.

Direct Key or Browse   Direct Key or Browse. Valid entries are:
                                B   Browse.
                                K   Direct key.
                            Alphanumeric, 1 position.

MIHISTM – Maintenance History Maintenance

Purpose
This application management panel is used to display, add, delete, or change Maintenance History File records.

Key Panel

```
MIHSTMK   INFPOPR      Maintenance History Maintenance    0001  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . N

   Manager Number  . . . 0

   Application Record    MST

   Record Key  . . . . . 0021001_____

   Maint Date  . . . . . 08121998

   Maint Time  . . . . . 172039

   Tie Breaker . . . . . 00000

   Record  Code  . . . . ____
 Command====> MIHSTM,N,0,MST,,,,,
```

MIHISTM – Maintenance History Maintenance

Field Descriptions

Function
Function Code. Valid entries are:
  b   Inquiry only.
  B   Browse.
  C   Copy.
  D   Delete.
  M   Maintenance.
  N   New.
Alphanumeric, 1 position.

Manager Number
Manager Code. Valid entry is **00,** indicating MICM records.
Numeric, 2 positions, FLS OAL MANAGER.

Application Record
Application's Record Code. Valid entries are:
  ASK   Ask Infopoint Record.
  HST   Maintenance History Record.
  MST   MICM Master Record.
  OPR   Operator Record.
Alphanumeric, 3 positions, FLS OAL ALPHA_APPL.

Record Key
Record Key. The key of the record that was maintained.
Alphanumeric, 52 positions, FLS OAL RECORD_KEY.

Maint Date   Maintenance Date.   Format is YYYYMMDD. This date is stored by subtracting
                    99999999, i.e., 19950228 is stored as 80049771. This is done to place the most
                    recent maintenance record first. To convert the date to its original value, add
                    99999999 to it.
                    Numeric, 8 positions, FLS OAL DATE_KEY.

Maint Time   Maintenance Time. Format is HHMMSS.
                    Numeric, 6 positions, FLS OAL TIME_KEY.

Tie Breaker   Tie Breaker. Used to make the key unique.
                    Numeric, 5 positions, FLS OAL TIEBRK.

Record Code   Record ID. Contains an application-defined code which distinguishes the record
                    and its order in the file. This field when not used must contain spaces.
                    Numeric, 4 positions, FLS OAL RECORD_IDENT.

Primary Panel

```
 MIHSTM    INFPOPR      Maintenance History Maintenance    0001  08-12-1998
                                                               More  + -
                                                             Delete  _

 Manager Number   00
 Appl Record  . . MST
 Record key   . . 0021001_____
 Maint Date . . . 08-12-1998
 Maint Time . . . 19:30:04
 Tie Breaker  . . 00000
 Record Code  . . ____
 AMT Record Code  ___
 AMT Appl Code    __
 Field Number . . 000
 Field Name . . . _____
 Second Key   . . _____
 Operator Id  . . MID200__
 User Info  . . . ____
 Field Before . . _____
 Field After  . . RECORD ADDED_____
 Type . . . . . . A

 Command====> MIHSTM,B,0,MST,0021001_____
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIHISTM – Maintenance History Maintenance

Field Descriptions

AMT Record Code   Record Code.
                    Alphanumeric, 3 positions, FLS OAL APPL_RECORD.

AMT Appl Code   Application Code. This is the data base application code to which this record
                    belongs. This code must be in position 7 of the Short Name field when creating
                    an SSFILE for Mapper. It is used in conjunction with the Record Code and Field
                    Number to locate the field in the Panel Data Block and the location in the Panel
                    Data Area.
                    Alphanumeric, 2 positions, FLS OAL APPL_CODE.

Field Number   Field Number. Number assigned to the database field within the record. When not used, must contain zeros.
                    Numeric, 3 positions, FLS OAL FIELD_NUMBER.

Field Name   Field Name. Short name of the field.
                    Alphanumeric, 15 positions, FLS OAL FIELD_NAME.

Second Key   Second Key. Contains the key information related to the Record ID field (Record Code).
                    Alphanumeric, 25 positions, FLS OAL NUMBER_2_KEY.

Operator Id   Operator ID. Identification of the operator or name of program that performed the maintenance.
                    Alphanumeric, 8 positions, FLS OAL OPER_ID.

User Info   User Area. User-defined.
                    Alphanumeric, 4 positions, FLS OAL USER_AREA.

Field Before   Before Information. Information before maintenance was performed. If this information is for a new or deleted record, it can contain any text (e.g., short name).
                    Alphanumeric, 40 positions, FLS OAL BEFORE_FIELD.

Field After   After Information. Information after maintenance is performed. If this information is for a new or deleted record, it can contain any text (e.g., short name).
                    Alphanumeric, 40 positions, FLS OAL AFTER_FIELD.

Type   Maintenance Function Code. Valid entries are:
                    A   Add.
                    D   Delete.
                    M   Maintenance.
                    Alphanumeric, 1 position, FLS OAL MAINT_TYPE.

MIHS – Host Data Transfer Function Message Simulator

Purpose

This panel is used to enter transmission data to the Host Interface Function Message for testing SSLD10. This panel is accessed from a native CICS screen.

Primary Panel

```
              Host Data Transfer Function Message Simulator

     Inst Nbr:              LANGUAGE      EN        Operator Id . .
     Request Code           AMT Rec Code            AMT Appl Code
     Debug Code  . . N      Sec Trans Id            CIFAC . . . . .
     Decimal Option  N      Output Options  S       User Ctl
     Tag . . . . . :        EIBFN . . . . :         EIBRCODE  . . :
     Origination  :         API Verb/Stat :         API Return  . :
     MICM Abort  . :        MICM Trace  . :         Function Error:
     Fields Length :        Program ID  . :         Message Format:
     Number of Flds:        Message Length:         Message Number:
     Message:
     Fields:




     CLEAR=Exit F5=Refresh F12=Delete TS
```

MIHS – Host Data Transfer Function Message Simulator

Field Descriptions

Inst Nbr

Institution Number. The number of the institution to which this operator has access.
Numeric, 5 positions.

LANGUAGE

Language Code. Valid codes are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with a 'Y' in the usage field.
Alphanumeric, 2 positions.

Operator Id

Operator ID. Identification of the operator requesting maintenance or inquiry.
    B   Browse.
    D   Direct key.
Alphanumeric, 1 position.

Request Code

Request Code. Valid entries are:
    A   Add (new record).
    D   Delete (remove record).
    E   Edit only (no file updating).
    I   Inquiry.
    M   Maintenance (change record).
Alphanumeric, 1 position.

AMT Rec Code	Application Management Record Code. *Alphanumeric, 3 positions.*
AMT Appl Code	Application Management Application Code. *Alphanumeric, 1 position.*
Debug Code	Debugging Option. **Y** causes the incoming and outgoing messages to be written to the Debug File. *Alphanumeric, 1 position, protected.*
Sec Trans Id	External ID. MICM transaction security code. This code must be in the Operator Dialogue Record with the operator specified in the Operator ID field. *Alphanumeric, 8 positions.*
CIFAC	CIFAC Error. Valid entry is spaces. *Alphanumeric, 1 position.*
Decimal Option	Decimal Option. Valid entries are: **D** Test for correct positioning of decimals in incoming message and place decimals in outgoing message fields. **N** Ignore decimals in incoming message. No decimals in outgoing message. *Alphanumeric, 1 position, protected.*
Output Options	Numeric Fields Output Edit Options. Valid entries are: **D** Do not suppress leading zeros and trailing spaces. **N** Normal numeric editing controlled by the Print Format Code on the Application Management Table. **S** Suppress leading zeros and trailing spaces. Fields of all zeros contain one zero, and fields of all spaces contains one space. *Alphanumeric, 1 position, protected.*
User CTL	User Controls. *Alphanumeric, 15 positions.*
Tag	ID Tag. *Numeric, 9 positions, protected.*
EIBFN	Exec Interface Block FN (EIBFN). Valid entry is spaces. *Alphanumeric, 4 positions, protected.*
EIBRCODE	Exec Interface Block RCODE (EIBRCODE). Valid entry is spaces. *Alphanumeric, 6 positions, protected.*
Origination	Request Originator. Valid entry is **S**, indicating for server. *Alphanumeric, 1 position, protected.*
API Verb/Stat	Application Program Interface Request Verb. *Numeric, 4 positions, protected.*

API Return   Application Program Interface Return Code. Valid entry is zeros.
                           Numeric, 4 positions, protected.

MICM Abort   Application Abort Code. Valid entry is zeros.
                           Numeric, 4 positions, protected.

MICM Trace   Application Trace Code. Valid entry is zeros.
                           Alphanumeric, 4 positions, protected.

Function Error   Error in Upload/Inquiry Message. Valid entry is space.
                           Alphanumeric, 1 position, protected.

Fields Length   Fields Length. Length of this field. The value in this field plus the length of the
                           SLDSI-CONSTANT-AREA field equals the total length of the message.
                           Numeric, 5 positions, protected.

Program ID   Program ID. Valid entry is spaces.
                           Numeric, 8 positions, protected.

Message Format   Message Format Code. Valid entry is spaces.
                           Alphanumeric, 1 position, protected.

Number of Flds   Number of Fields. Number of fields in the message.
                           Numeric, 4 positions, protected.

Message Length   Message Length.
                           Numeric, 5 positions, protected.

Message Number   Message Number.
                           Numeric, 7 positions, protected.

Message   Message Area.
                           Alphanumeric, 102 positions, protected.

Fields   Fields Area.
                           Alphanumeric, 10013 positions.

MIHST – Maintenance History

Purpose   This panel has the ability to perform lookup of all records on the Maintenance History File. All fields on the key panel are optional.

Key Panel

```
 MIHSTK    INFPOPR              Maintenance History        0001   08-12-1998


 Enter the following key parameters:

   Manager Number  . . . 00

   Application Record    MST

   Starting Record Key   _____

   Ending Record Key     _____




 Command====> MIHSTINQ,,,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIHST – Maintenance History

Field Descriptions

Manager Number   Manager Number. Valid entry is **00**, indicating MICM.
Numeric, 2 positions, FLS OAL MANAGER.

Application Record   Application's Record Code. Valid entries for MICM are:
        ASK   Ask Infopoint Record.
        HST   Maintenance History Record.
        MST   MICM Master Record.
        OPR   Operator Record.
Alphanumeric, 3 positions, FLS OAL ALPHA_APPL.

Starting Record Key   Starting Record Key. Key of first record displayed.
Alphanumeric, 52 positions, FLS OAL RECORD_KEY.

Ending Record Key   Ending Record Key. Key of last record displayed.
Alphanumeric, 52 positions, FLS OAL RECORD_KEY.

Primary Panel

```
MIHSTLST  ZERO            Maintenance History List          0000 03-17-1999


        ------------------------------------------------------------------------
        Manager Nbr : 00  Appl Rec: OPR Date: 08-11-1998 Time: 17:20:44  Record:
        Record Key  : INFPOPR                                     Tie Bk: 00000
        Field Name  :                  Operator : MIR410   User Info:     Type: A
        Field Before :                                           Field Nbr: 000
        Field After : RECORD ADDED                               AMT Key: OPRM
        Second Key  :
        ------------------------------------------------------------------------








        Command====> MIHST,0,OPR,,INFPOPR
        F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F11=Break
        F12=Cancel
```

MIHST – Maintenance History List

Field Descriptions

Date
: Maintenance Date. Format is YYYMMDD. This date is stored by subtracting 99999999, i.e., 19950228 is stored as 80049771. This is done to place the most recent maintenance record first. To convert the date to its original value, add 99999999 to it.
Numeric, 8 positions, protected, FLS OAL DATE_KEY.

Time
: Maintenance Time. Format is HHMMSS.
Numeric, 6 positions, protected, FLS OAL TIME_KEY.

Record
: Record ID. Contains an application-defined code which distinguishes the record and its order in the file. This field when not used must contain spaces.
Numeric, 4 positions, protected, FLS OAL RECORD_IDENT.

Record Key
: Record Key. Key of the record that was maintained.
Alphanumeric, 52 positions, protected, FLS OAL RECORD_KEY.

Tie Bk
: Tie Breaker. Used to make the key unique.
Numeric, 5 positions, protected, FLS OAL TIEBRK.

Field Name
: Field Name. Short name of the field.
Alphanumeric, 15 positions, protected, FLS OAL FIELD_NAME.

Operator
: Operator ID. Identification of the operator or name of program that performed the maintenance.
Alphanumeric, 8 positions, protected, FLS OAL OPERID.

User Info   User Area. User-defined.
Alphanumeric, 4 positions, protected, FLS OAL USER_AREA.

Type   Maintenance Function Code. Valid entries are:
     A   Add.
     D   Delete.
     M   Maintenance.
Alphanumeric, 1 position, protected, FLS OAL MAINT_TYPE.

Field Before   Before Information. Information before maintenance was performed. If this information is for a new or deleted record, it can contain any text (e.g., short name).
Alphanumeric, 40 positions, protected, FLS OAL BEFORE_FIELD.

Field Nbr   Field Number. Number assigned to the database field within the record.
Numeric, 3 positions, protected, FLS OAL FIELD_NUMBER.

Field After   After Information. Information after maintenance is performed. If this information is for a new or deleted record, it can contain any text (e.g., short name).
Alphanumeric, 40 positions, protected, FLS OAL AFTER_FIELD.

AMT Key   AMT Key. The first 3 positions are the AMT Record Code. The last 2 positions are the AMT Application Code.
Alphanumeric, 5 positions.

Second Key   Second Key. Contains the key information related to the Record ID field (Record Code).
Alphanumeric, 25 positions, protected, FLS OAL NUMBER_2_KEY.

MIIRD – IQ Request Definition

Purpose   This panel is used to maintain the IQ Request Definition Record (IRD). It controls which Application Management Table (AMT) definitions are tied to a given IQ request message. All IQ requests sent from a distributed client application must have a corresponding IRD record. The entire IQ request will be rejected if there is not a matching IRD for all AMT message parts within the request. Also, the MICM operator must be authorized for the IRD Request ID. That is, the operator must have an MIOPP profile that contains an MIPRD for the Request (transaction) ID.

Key Panel

```
 MIIRDK    ZERO              IQ Request Definition          0000  05-01-2008


 Enter the following key parameters:


   Function  . . . . . . B               B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
   Request Id  . . . . . _____

   Amt Appl Id . . . . . _

   Record Id . . . . . . ___



 Command===> MIIRD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIIRDK - IQ Request Definition

Field Descriptions

Function   Function Code. Valid entries are:
      ƀ   Inquiry only.
      B   Browse.
      C   Copy.
      D   Delete.
      M   Maintenance.
      N   New.
Alphanumeric, 1 position.

Request Id   Request ID. This field contains the access code for an IQ request message and all its component message parts as defined by IQ AMT definitions. This is the code that the distributed client application places in the Request ID field of the IQ request message. This field cannot contain embedded spaces.
Alphanumeric, 8 positions, FLS OA5 REQUEST_ID.

AMT Appl Id

AMT Application ID. This code in conjunction with the Application Management Table Record ID makes up the key to the Application Management Table. This field contains the IQ request message part AMT application code. Valid entries are:

A   Account Analysis.
D   Deposits.
F   Financial Control System.
Q   Infopoint IQ.
M   MICM.
R   Relationship CIF.
T   Time Investment.

Alphanumeric, 1 position, FLS OA5 AMT_APPL_ID.

Record Id

Record ID. This code in conjunction with the Application Management Table Application ID makes up the key to the Application Management Table. This field contains the IQ request message part AMT record code.

Numeric, 3 positions, FLS OA5 RECORD_ID.

Primary Panel

```
MIIRD     ZERO              IQ Request Definition        0000  05-01-2008
                                                               More:   +
                                                               Delete  _

Request Id . . : IQCUSTDP
Amt Appl Id  . : D
Record Id  . . : Q01








Command===> MIIRD,B,IQCUSTDP,D,Q01
F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
F13=Select   F14=Copy   F15=Bottom
```

MIIRD – IQ Request Definition

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

b̶   Keep this record.
D   Delete this record.

Alphanumeric, 1 position, FLS OA5.

MIMMAPM – Merge Mapping File Maintenance

Purpose

This panel is used to create and maintain Merge Map panels. Merge Map panels are for inquiry only transactions. Create your own inquiry panels with this information.

Key Panel

```
 MIMMAPM   INFPOPR      Merge Mapping File Maintenance      0000  08-12-1998


 Function . . . . B        Enter (N)ew (M)aintain (D)elete (C)opy () Inquiry
                                  (B)rowse
 Language . . . . __
 Line Number  . . __
 Panel Name . . . _____
 Record Code  . . ___
 Application Code __
 Map Type Code  . _






 Command===> MIMMAPM
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIMMAPM – Merge Mapping File Maintenance

Field Descriptions

Function Code

Function Code. Valid entries are:

ƀ   Inquiry only.
B   Browse.
C   Copy.
D   Delete.
M   Maintenance.
N   New.

Alphanumeric, 1 position.

Language

Language Code. Valid codes are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with a 'Y' in the usage field.
Alphanumeric, 2 positions, FLS OA4 LANG_CODE.

Line Number

Line Number. Line (row) being defined on the Merge Map panel. Valid entries are **01 – 17**.
Numeric, 2 positions, FLS OA4 MAP_LINE_NUMBER.

Panel Name

Panel Name. Name of the Merge Map Panel. This field may contain spaces if it is a default Merge Map.
Alphanumeric, 8 positions, FLS OA4 PANEL_NAME.

Record Code

Record Code. This is the data base record name. If the Map Type Code is set to a value of 'G' or 'H', this field must be spaces.
Alphanumeric, 3 positions, FLS OA4 RECORD_CODE.

Application Code

Application Code. This is the data base application code to which this record belongs. This code must be in position 7 of the Short Name field when creating an SSFILE for Mapper. If the Map Type Code is set to a value of 'G' or 'H', this field must contain spaces.
Alphanumeric, 2 positions, FLS OA4 AMT_APPL_ID.

Map Type Code

Map Type Code. This is the type of Merge Map. Valid entries are:
- **b**   Normal Merge Map.
- **A**   Application Accumulator Merge Map.
- **G**   Grand Total Accumulator Merge Map.
- **H**   Panel Heading Merge Map.

Alphanumeric, 1 position, FLS OA4 MAP_TYPE_CODE.

Primary Panel

```
 MIMMAPM    INFPOPR      Merge Mapping File Maintenance    0000  08-12-1998
                                                              More:   +
                                                              Delete _

 Language . . . . : EN       Panel Name  : MIHSTLST    Record Code . :
 Application Code :           Line Number : 01         Map Type Code : H

 Line Attribute I               Line Layout
 ...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+..
 -----------------------------------------------------------------------------
 Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA       Fld Ps Lt Pf A AA GA
 -----------------------------------------------------------------------------
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0
 0   0  0  0  _ 0  0        0   0  0  0  _ 0  0        0   0  0  0  _ 0  0

 Command===> MIMMAPM,B,EN,1,MIHSTLST,,,H
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIMMAPM – Merge Mapping File Maintenance

Field Descriptions

Delete   Delete Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

        ƀ   Keep this record.
        D   Delete this record.

Alphanumeric, 1 position, FLS OA4.

Line Attribute   Line Attribute. This field is used to highlight the Merge Map line. Valid entries are:

        I   Important highlighted.
        N   Normal.

Alphanumeric, 1 position, FLS OA4 LITERAL_ATTRIB.

Line Layout   Line Area. Merge Map line. This area contains the literals that are to be display on the panel.

Alphanumeric, 79 positions, FLS OA4 LITERAL_AREA.

Fld   Field Number. This is the number that is assigned to the database field within the Record and Application codes. If this record is an accumulator Merge Map then the Field Number is the accumulator number. Accumulator Field Numbers are from 1 through 16. Accumulator 16 is used for record count.

Numeric, 3 positions, FLS OA4 FIELD_NBR_1-24.

Ps   Line Position. The starting position in the Line Area that this field's data is to be placed in.

Numeric, 2 positions, FLS OA4 POSITN_1.

Lt   Line Length. The number of positions that the field occupies in the Line Area.

Numeric, 2 positions, FLS OA4 LENGTH_1.

Pf   Line Print Format Code. If this code is a zero, the Merge Map processing program will use the Print Format Code from the Application Management Table. If this record is an accumulator Merge Map, this field is required. This code defines how the field appears. Valid entries are:

      01   Alphanumeric.
      02   ZIP Code: 99999-9999- if MIAMW-ELGTH is greater than 5. ZIP Code: 99999- if MIAMW-ELGTH is less than 6.
      03   Dollars and Cents: Z,ZZZ,ZZZ,ZZZ,ZZZ,ZZZ.99-. Decimal position will be shown in the position determined by the field MIAMW-DECIMAL.
      04   Rate: ZZZZZZZZZZZZZZZ.999-. Decimal position will be shown in the position determined by the field MIAMW-DECIMAL.
      05   Number: ZZZ,ZZZ,ZZZ,ZZZ,ZZZ,ZZ9-.
      06   Telephone Number: 999/999-9999-
      07   Transit Number: 9999-9999-
      08   Date 6 positions: 99-99-99-
      09   Date 8 positions: 99-99-9999-
      10   Leading zero suppressed: ZZZZZZZZZZZZZZZZZ9-

11	Numeric: 99999999999999999-
12	Date 6 positions: 99 99 99-
13	Date 8 positions: 99 99 9999-
14	Date 6 positions: 99/99/99-
15	Date 8 positions: 99/99/9999-
16	Time: 99:99:99-
17	Social Security Number: 99-999-9999-
18	Telephone Number: (999)999-9999-
19	Time: 99:99:9999-
20	Tax Identification Number: 99-9999999-
21	Zero suppress. Left justify for alpha field.
22	Account edit (MICM Record 2023).

Numeric, 2 positions, FLS OA4 FORMAT_CODE_1 - 24.

A   Field Attribute. This field indicates special function for the Merge Mapping program to perform. Valid entries are:

B	Blank when the field value is equal to zero.
R	Right justify.
S	Subtract from an accumulator. The default math action is to add, when either of the accumulators have been set.
T	Translate field using MICM Record 7001.
Y	Subtract and blank when zero.
Z	Subtract and right justify.

Numeric, 1 position, FLS OA4 ATTRIB_1 -24.

AA   Application Accumulator. This is the accumulator number that this field uses for application totals. Valid entries are **00 – 15**. An entry of **00** indicates do not accumulate. If the Map Type Code is 'A' or 'G', then this field contains the number of decimal positions to be used for the application and grand accumulators.
Alphanumeric, 2 positions, FLS OA4 APPL_ACCUM_1 - 24.

GA   Grand Totals Accumulator. This is the accumulator number that this field is to use for grand totals. Valid entries are **00 – 15**. A value of **00** indicates do not accumulate.
Numeric, 2 positions, FLS OA4 TOTAL_ACCUM_1 - 24.

MIMUD – Menu Definition

Purpose
This panel is used to create personalized menus and submenus. The menu sequence is used to define the order in which an item will appear.

Key Panel

```
MIMUDK    ZERO              Menu Definition            0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B              B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
    Menu Id . . . . . . . _____

    Trans Id Seq  . . . . _____

    Trans Id  . . . . . . _____




  Command===> MIMUD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIMUD – Menu Definition

Field Descriptions

Function Code
Function Code. Valid entries are:
- **b** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Menu Id
Menu ID. This is the primary element in the Menu Definition Record key. It is defined in the Profile Description record and is used as a pointer to the Menu Definition Record.
Numeric, 8 positions, FLS OAX MENU_ID.

Trans Id Seq
Transaction ID Sequence. This field is used to order the transaction within the menu.
Numeric, 5 positions, FLS OAX TRANS_ID_SEQ.

Trans Id   Transaction Identification. This field contains the access code of the external
                            transaction. This is the actual transaction code that the operator enters. This
                            field cannot contain embedded spaces.

                            Note: Transaction codes starting with SGON, SGOF, MENU, CHNG, INPT and
                            MIFM are restricted for MICM use only.

                            Numeric, 2 positions, FLS OAX TRANS_ID.

Primary Panel

```
 MIMUD     ZERO                  Menu Definition          0000  08-12-1998
                                                                More:    +
                                                                Delete  _

 Menu Id  . . . : ANALYSIS
 Trans Id Seq . : AN010
 Trans Id . . . : ANMENU










 Command===> MIMUD,B,ANALYSIS,AN010,ANMENU
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIMUD – Menu Definition

Field Descriptions

Delete   Status Code. Maintenance panel allows the user to delete an entire record from
                            the file. Valid entries are:
                            &ebsp;&ebsp;**b**&ebsp;&ebsp;Keep this record.
                            &ebsp;&ebsp;**D**&ebsp;&ebsp;Delete this record.
                            Alphanumeric, 1 position, FLS OAX.

MIOPA – Operator Authorization

Purpose

This panel is used to maintain the OPA (Operator Authorization) record. The Operator Authorization record is used to define which default menu, organization definition, and region to use for each institution that is authorized for an operator.

The default menu is optional. If not used, this menu consists of transactions from the Profile Resource Definition. Also, the organization is optional and if not used, then organization overrides are not used.

Key Panel

```
MIOPAK    ZERO                  Operator Authorization          0000  08-12-1998


 Enter the following key parameters:



   Function  . . . . . . N                    B (Browse)
                                              C (Copy)
                                              D (Delete)
                                              M (Maintenance)
                                              N (New)
                                              Space (Inquiry only)
   Operator Id . . . . . TESTMICM

   Operator's Inst . . . 0001




 Command===> MIOPA
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPA –- Operator Authorization

Field Descriptions

Function Code

Function Code. Valid entries are:
- ƀ   Inquiry.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Operator Id

Operator ID. Identification code for the operator. This ID is used as the primary key for the Operator, Operator Authorization, Operator Profile Authorization, and Operator Record Authorization Records.
Alphanumeric, 8 positions, FLS OAY OPERID.

Operator's Inst	Operator Institution Number. The number of the institution to which the operator has access. *Numeric, 4 positions, FLS OAY OPERATOR_INST.*

Primary Panel

```
 MIOPA    ZERO            Operator Authorization        0000  08-12-1998

                                                         Delete  _

 Operator Id  . . TESTMICM
 Operator's Inst  1

 Menu Id   . . . . SECURITY
 Organization Id  001
 Oper Price Rgn    001




 Command===> MIOPA,N,TESTMICM,1
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIOPA – Operator Authorization

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
	  Ƅ Keep this record.
	  D Delete this record.
	Alphanumeric, 1 position, FLS OAY.

Menu Id	Menu ID. The primary element in the Menu Definition key. It is defined in the Profile description record as a pointer to the Menu Definition that is used as a menu. If this optional field is left blank, the menu is composed of items from the authorized Profile Transaction Definition. *Alphanumeric, 8 positions, FLS OAY MENU_ID.*
Organization Id	Organization ID. The Organization ID is a one- to three-position, user-defined field. It is defined in the Operator to Institution record as a pointer for the Organization Definition record used for organization processing. *Alphanumeric, 3 positions, FLS OAY ORGID.*
Oper Price Rgn	Operator Pricing Region. If using regional pricing, enter the operator's valid region. Blanks or zeros allow access to all regions. *Alphanumeric, 3 positions, FLS OAY OPER_PRICE_RGN.*

MIOPP – Operator Profile Authorization

Purpose
This panel is used to define which Profile Resource Definition may be used for an operator within an institution for the operator profile authorization.

Key Panel

```
 MIOPPK    ZERO           Operator Profile Authorization    0000  08-12-1998


  Enter the following key parameters:

    Function . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
    Operator Id . . . . . TESTMICM

    Operator's Inst . . . 0001

    Profile Seq . . . . . 01

    Profile Id  . . . . . SECURITY

    Profile Type  . . . . R

 Command===> MIOPP
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPP – Operator Profile Authorization

Field Descriptions

Function Code
Function Code. Valid entries are:
  ƀ Inquiry only.
  B Browse.
  C Copy.
  D Delete.
  M Maintenance.
  N New.
Alphanumeric, 1 position.

Operator Id
Operator ID. Identification code for the operator. This ID is used as the primary key for the Operator, Operator Authorization, Operator Profile Authorization and Operator Record Authorization Records.
Alphanumeric, 8 positions, FLS OAC OPERID.

Operator's Inst
Operator's Institution Number. The number of the institution to which the operator has access.
Numeric, 4 positions, FLS OAC OPERATOR_INST.

Profile Seq   Profile ID Sequence. This field is used to order the profile authorization
                           sequence when using multiple profiles. If using multiple profiles, place the most
                           used profile for an operator first. If using an operator override profile, the
                           overriding profile must be first.

                           It is not recommended to use more than 1 profile for an operator, unless a process
                           is used to keep the Profile Resource Definition Records in main storage.
                           Numeric, 2 positions, FLS OAC PROFILE_SEQ.

Profile Id   Profile ID. This field contains the ID of the profile. It is the profile that is used to
                           control transaction authorization. It is the primary key to the Profile Resource
                           Definition Record.
                           Alphanumeric, 8 positions, FLS OAC PROFILE_ID.

Profile Type   Profile Type. Identifies the type of resource. Valid entries are:
                               P   Profile Resource Definition.
                               R   Operator Record Authorization.
                           Alphanumeric, 1 position, FLS OAC PROFILE_TYPE.

Primary Panel

```
 MIOPP     ZERO            Operator Profile Authorization    0000  08-12-1998

                                                                  Delete  _

 Operator Id  . . TESTMICM
 Operator's Inst  1
 Profile Seq  . . 1
 Profile Id . . . SECURITY
 Profile Type . . R









 Command===> MIOPP,N,TESTMICM,1,1,SECURITY,R
 F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIOPP – Operator Profile Authorization

Field Descriptions

Delete   Status Code. Maintenance panel allows the user to delete an entire record from
                           the file. Valid entries are:
                               ƅ   Keep this record.
                               D   Delete this record.
                           Alphanumeric, 1 position, FLS OAC.

MIOPR – Operator Record

Purpose
A record must be established for each valid operator within an institution. This panel controls which institutions are valid for the operator and can be used to tie an operator to a default profile.

Key Panel

```
 MIOPR     ZERO                   Operator Record            0000  08-12-1998



    Enter the following key parameters:


        Function . . . . . N          N: New
                                      M: Maintenance
                                      B: Browse

        Operator ID. . . . TESTMICM






 Command====> MIOPR,,
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIOPR – Operator Record

Field Descriptions

Function
Function Code. Valid entries are:
B   Browse.
M   Maintenance.
N   New.
Alphanumeric, 1 position.

Operator ID
Operator ID. A user-defined code which authorizes an operator to access the online system.
Alphanumeric, 8 positions, FLS OA1 OPERATOR_ID.

Primary Panel

```
 ┌──────────────────────────────────────────────────────────────────────────┐
 │  MIOPR    ZERO                  Operator Record              0000 08-12-1998 │
 │                                                                   Delete     │
 │   Operator Id    : TESTMICM                                                  │
 │                                                                              │
 │   Name . . . . . . TEST SCRIPT FOR MICM                                      │
 │   Password . . . .                                                           │
 │   Default Inst    0000      Time Limit . . . 0800      Group . . . . . .      │
 │                                                                              │
 │                      (Institution Parameters Overrides)                      │
 │                                                                              │
 │   Date Sequence    N        Date Delimiter   N        Time Delimiter   N      │
 │   Time Format  . . N        Use Currency Cd  N        Currency Code    ____   │
 │   Amount Option             Language Code    __                               │
 │                                                                              │
 │                        (Menu Options Overrides)                              │
 │   Menu Option  . . _        Display Menu . . Y        Delayed Menu     N      │
 │                                                                              │
 │   Application Security Codes: (1) __ (2) __ (3) _ (4) __ (5) __               │
 │                                                                              │
 │                                                                              │
 │   Command====> MIOPR,N,TESTMICM                                              │
 │   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F14=Copy   │
 │                                                                              │
 └──────────────────────────────────────────────────────────────────────────┘
```

MIOPR – Operator Record

Field Descriptions

Delete
Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

ƀ   Keep this record.

D   Delete this record.

Alphanumeric, 1 position, FLS OA1.

Operator ID
Operator ID. A user-defined code which authorizes an operator to access the online systems.
Alphanumeric, 8 positions, FLS OA1 OPERATOR_ID.

Name
Operator Name. Name of the operator. This field is used for reporting purposes.
Alphanumeric, 40 positions, FLS OA1 OPERATOR.

Password
Operator Password. User-defined password used by the application to verify an operator ID before being allowed to continue using the system.
Alphanumeric, 8 positions, FLS OA1 OPER_PASSWORD.

Default Inst
Operator's Default Institution. The institution number that the operator will be signed on to when the institution number is not entered during the signon process.
Numeric, 4 positions, FLS OA1 DEFAULT_INST.

Time Limit   Time Limit. Time limit of terminal inactivity by an operator before the operator is automatically signed off. The format is HHMM, where HH-hours, MM-minutes. Entries must be greater than '0000' and less than '2401'.
Numeric, 4 positions, FLS OA1 OPER_TIME_LIMIT.

Group   Group. This option points to the Operator Authorization (OPA) and Operator Profile Authorization (OPP) records. When using this option, OPA and OPP are not used and should not be established for the Operator ID.
Numeric, 8 positions.

(Institution Parameters Overrides)

Date Sequence   Date Sequence. Controls formatting and validating of dates for input and/or display. Valid entries are:

N	Not used.
1	Year, month, day.
2	Day, month, year.
3	Month, day, year.
4	Year, day, month.
5	Day, year, month
6	Month, year, day
7	Day, alpha month, blank, year.
8	Alpha month, day, blank, year.

Alphanumeric, 1 position, FLS OA1 DATE_SEQ.

Date Delimiter   Date Delimiter. The character to use as the separator between the year, month, and day fields. All characters other than 'N' are permitted as a delimiter. An entry of **N** indicates that the Date Delimiter is not used.
Alphanumeric, 1 position, FLS OA1 DATE_DELIM.

Time Delimiter   Time Delimiter. The character to use as the separator between the hours, minutes, and seconds. All characters other than 'N' are permitted as a delimiter. An entry of **N** indicates that the Time Delimiter is not used.
Alphanumeric, 1 position, FLS OA1 TIME_DELIM.

Time Format   Time Format. This indicates the use of a 12- or 24-hour clock. The 12-hour clock includes an a.m. or p.m. Valid entries are:

1	12-hour clock.
2	24-hour clock.
N	Time format is not used.

Alphanumeric, 1 position, FLS OA1 TIME_FORMAT.

Use Currency Cd   Use Currency Code. Indicates if currency processing is to occur. Valid entries are:

N	Currency processing will not occur.
Y	Currency processing will occur.

Alphanumeric, 1 position, FLS OA1 USER_CURN_CODE.

Currency Code
Currency Code. The local currency code.
Alphanumeric, 4 positions, FLS OA1 CURRENCY_CODE.

Amount Option
Amount Option. Controls the formatting of amounts and rates. Valid entries are:
C Amounts and rates to be formatted according to the options defined on MICM Record 2018 (Currency Record).
F Denotes that the delimiters and separators defined at the institution or operator level are to be used for all currencies.
N Indicates that the amount option is not used.
Alphanumeric, 1 position, FLS OA1 AMT_OPTION.

Language Code
Language Code. Valid codes are defined on MICM Record 2022 (Valid Language Codes Table Record). Codes that can be used are indicated with a 'Y' in the usage field.
Alphanumeric, 2 positions, FLS OA1 LANG_CODE.

(Menu Option Overrides)

Menu Option
Menu Option. The Menu Option indicates whether to show all transactions on the menu or only the operator's menu. Valid entries are:
ƀ Show only transaction the operator is authorized to perform.
A Show all transactions.
Alphanumeric, 1 position, FLS OA1 MENU_OPTION.

Display Menu
Display Menu. This option is used to indicate if the menu is to be displayed. Valid entries are:
ƀ or Y Display menu.
N Do not display menu. (Forces logo not to display)

Note: When transaction menu is entered, menu is displayed.

Alphanumeric, 1 position, FLS OA1 DISPLAY_MENU.

Delayed Menu
Delayed Menu. This option indicates not to build menus at signon time. Menu panel displays with no items on it. To build menu panels after signon, enter transaction ID MIMENU. Valid entries are:
ƀ or Y Delayed menu is being used.
N Delayed menu is not being used.
Alphanumeric, 1 position, FLS OA1 DELAYED_MENU.

Application Security
Code 1

Application Security 01. This field provides an operator security level for the Financial Control System (FCS). It is used to extend the FCS institution retro transaction indicator and retro number of days fields to the operator level. Valid entries are:

    ƀ   Retro dates are allowed as defined by the FCS institution retro transaction indicator and retro number of days fields.

    01   Retro dates from the first day of last year up to the current processing date are allowed.

    02   Retro dates from the first day of the current processing month up to the current processing date are allowed.

Alphanumeric, 2 positions, FLS OA1 APPL_SCRTY_1.

Application Security
Codes 2 - 5

Application Security 02 – 05. Reserved for future use.
Alphanumeric, 2 positions, 4 times, FLS OA1 APPL_SCRTY_2 - 5.

MIORA – Operator Record Authorization

Purpose

This panel is used to define and/or change record/field level security profiles. Fields may be restricted to display or hidden. Also they may be restricted to allowable values that can be entered.

The order restriction check is performed as, first the Add/Change/Delete/ Inquire Indicators, followed by Employee/Dormant/Escheat, followed by Mask Data check. This record is used to define field level security.

Key Panel

```
MIORAK    ZERO            Operator Record Authorization      0000  08-12-1998


 Enter the following key parameters:

   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Profile Id  . . . . . SECURITY

   Record Id . . . . . . MMP

   AMT Appl Id . . . . . 0

   Field Name  . . . . . LINE LAYOUT____
   Record Seq  . . . . . 13123


 Command===> MIORA
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIORA – Operator Record Authorization

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Profile Id

Profile ID. This field contains the ID of the profile. It is the profile that is used to control record and field authorization.
Alphanumeric, 8 positions, FLS OAH PROFILE_ID.

Record Id

Record ID. The internal API Record ID. It must be the same Record ID as defined in the BNKBIPDI Table, in the label field of the BIMBITAB TYPE=RECORD Macro. This is the physical record ID.

Records that are not defined to the API table, i.e., VSAM and Temporary Storage records, a 3-position record code and the AMT Application ID must be assigned.

For API Record Codes, the AMT Application ID must be blank.
Alphanumeric, 3 positions, FLS OAH RECORD_ID.

AMT Appl Id

Application Code. The 1-position code assigned to an application. If the Record ID is an API Record ID, this field must be blank.
Alphanumeric, 1 position, FLS OAH AMT_APPL_ID.

Field Name

Field Name (Alias Token Name). The 15-position token name. This is the SQL name for the field in the database. When there is no token name, the field number may be used by placing it into the first 3 positions, followed by 12 spaces. When entering the field name as a token, be sure to enter underscores, where applicable.

Note: The field number must be used for procedure SRP069. When using the field number, there is a token name defined on the AMT. A record with the token name should also be defined with the same parameters.

Alphanumeric, 15 positions, FLS OAH FIELD_NAME.

Record Seq

Record Sequence. This field is used to allow multiple entries when using the Mask Code field.
Numeric, 5 positions, FLS OAH RECORD_SEQ.

Primary Panel

```
 ┌─────────────────────────────────────────────────────────────────────┐
 │  MIORA    ZERO           Operator Record Authorization    0000  08-12-1998 │
 │                                                              Delete         │
 │                                                                            │
 │  Profile Id . . . SECURITY            When adding a new record or deleting a │
 │  Record Id . . . MMP record, perform transaction MIBMTABL to               │
 │  AMT Appl Id . . 0                     refresh Temporary Storage Records    │
 │  Field Name . . . LINE LAYOUT         beginning with MIORA.                 │
 │  Record Seq . . . 13123                                                     │
 │                                                                            │
 │  Add Indicator    Y Change Ind . . . Y Delete Ind . . . Y Inquiry Ind  . . Y │
 │  Misc Ind . . . . _ Report Ind . . . Y                                      │
 │                                                                            │
 │  Employee Add . . Y Employee Change  Y Employee Delete  Y Employee Inq . . Y │
 │  Dormant Add  . . Y Dormant Change   Y Dormant Delete   Y Dormant Inquire  Y │
 │  Escheat Add  . . Y Escheat Change   Y Escheat Delete   Y Escheat Inquire  Y │
 │                                                                            │
 │  Operation Code   EQ                                                        │
 │  Joiner Code  . . 0                                                         │
 │  Mask Code  . . . _____        │
 │                                                                            │
 │  Command===> MIORA,N,SECURITY,MMP,0,LINE LAYOUT,13                          │
 │  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select │
 └─────────────────────────────────────────────────────────────────────┘
```

MIORA – Operator Record Authorization

Field Descriptions

Delete
: Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
  - **b** Keep this record.
  - **D** Delete this record.

  Alphanumeric, 1 position, FLS OAH.

Add Indicator
: Add Indicator. This security is used to restrict data entry when the record is being added. Valid entries are:
  - **N** Data cannot be entered into this field.
  - **Y** Data may be entered into this field.

  Alphanumeric, 1 position, FLS OAH ADD_IND.

Change Ind
: Change Indicator. This security is used to restrict data entry when the record is being changed. Valid entries are:
  - **N** Data cannot be entered into this field
  - **Y** Data may be entered into this field if the Inquiry Indicator is set to 'Y'. If the Inquiry Indicator is set to 'N', the field will be hidden from view.

  Alphanumeric, 1 position, FLS OAH CHANGE_IND.

Delete Ind
: Delete Indicator. This security is used to restrict data entry when the record is being deleted. Valid entries are:
  - **N** Data cannot be entered into this field.
  - **Y** Data may be entered into this field if the Inquiry Indicator is set to 'Y'. If the Inquiry Indicator is set to 'N', the field will be hidden from view.

  Alphanumeric, 1 position, FLS OAH DELETE_IND.

Inquiry Ind	Inquiry Indicator. This security is used to restrict data entry when the record is being inquired. In addition, it indicates if the field is to be hidden from view when records are being deleted or changed. Valid entries are: **N** Data cannot be seen from this field. **Y** Data may be seen from this field. *Alphanumeric, 1 position, FLS OAH INQUIRY_IND.*
Misc Ind	Miscellaneous Indicator. This field is currently not used. *Alphanumeric, 1 position, FLS OAH MISC_IND.*
Report Ind	Report Indicator. This field is currently not used. *Alphanumeric, 1 position, FLS OAH REPORT_IND.*
Employee Add	Employee Add. This security is used to restrict data entry if the record is an Employee record and it is being added. Valid entries are: **N** Data cannot be entered into this field. **Y** Data may be entered into this field. *Alphanumeric, 1 position, FLS OAH EMPLOYEE_ADD.*
Employee Change	Employee Change. This security is used to restrict data entry when the record is an Employee record and it is being changed. Valid entries are: **N** Data cannot be entered into this field. **Y** Data may be entered into this field if the Employee Inquiry Indicator is set to 'Y'. If the employee Inquiry Indicator is set to 'N', the field will be hidden from view. *Alphanumeric, 1 position, FLS OAH EMPLOYEE_CHG.*
Employee Delete	Employee Delete. This security is used to restrict data entry when the record is an Employee record and it is being deleted. Valid entries are: **N** Data cannot be entered into this field. **Y** Data may be entered into this field if the Employee Inquiry Indicator is set to 'Y'. Also, if the employee Inquiry Indicator is set to 'N', the field will be hidden from view. *Alphanumeric, 1 position, FLS OAH EMPLOYEE_DEL.*
Employee Inq	Employee Inquiry. This security is used to restrict the viewing of data when the record is an Employee Record and it is being inquired on. In addition, it indicates if the field is to be hidden from view when records are being deleted or changed. Valid entries are: **N** Data cannot be seen from this field. **Y** Data may be seen from this field. **Note:** If the Employee Change Indicator or Employee Delete Indicator is set to 'Y', then the indicator is treated as if this field is set to 'Y' even if it is set to 'N'. *Alphanumeric, 1 position, FLS OAH EMPLOYEE_INQ.*

Dormant Add	Dormant Add. This security is used to restrict data entry when the record is a Dormant record and it is being added. Valid entries are:

    N   Data cannot be entered into this field.

    Y   Data may be entered into this field.

Alphanumeric, 1 position, FLS OAH DORMANT_ADD.

Dormant Change	Dormant Change. This security is used to restrict data entry when the record is a Dormant record and it is being added. Valid entries are:

    N   Data cannot be entered into this field.

    Y   Data may be entered into this field if the Dormant Inquiry Indicator is set to 'Y'. If the Dormant Inquiry Indicator is set to 'N', the field will be hidden from view.

Alphanumeric, 1 position, FLS OAH DORMANT_CHG.

Dormant Delete	Dormant Delete. This security is used to restrict a field from data being entered when the record is a Dormant record and it is being deleted. Valid entries are:

    N   Data cannot be entered into this field.

    Y   Data may be entered into this field if the Dormant Inquiry Indicator is set to 'Y'. If the Dormant Inquiry Indicator is set to 'N', the field will be hidden from view.

Alphanumeric, 1 position, FLS OAH DORMANT_DEL.

Dormant Inquire	Dormant Inquire. This security is used to restrict data entry when the record is a Dormant record and it is being Inquired. In addition, it indicates if the field is to be hidden from view when records are being deleted or changed. Valid entries are:

    N   Data cannot be seen from this field.

    Y   Data may be seen from this field.

Note: If the Dormant Change Indicator or Dormant Delete Indicator is set to 'Y', then the indicator is treated as if this field is set to 'Y' even if it is set to 'N'.

Alphanumeric, 1 position, FLS OAH DORMANT_INQ.

Escheat Add	Escheat Add. This security is used to restrict data entry when the record is an Escheat record and is being added. Valid entries are:

    N   Data cannot be entered into this field.

    Y   Data may be entered into this field.

Alphanumeric, 1 position, FLS OAH ESCHEAT_ADD.

Escheat Change	Escheat Change. This security is used to restrict data entry when the record is an Escheat record and it is being changed. Valid entries are:

    N   Data cannot be entered into this field.

    Y   Data may be entered into this field if the Escheat Inquiry Indicator is set to 'Y'. If the Escheat Inquiry Indicator is set to 'N', the field will be hidden from view.

Alphanumeric, 1 position, FLS OAH ESCHEAT_CHG.

Escheat Delete	Escheat Delete. This security is used to restrict data entry when the record is an Escheat record and it is being deleted. Valid entries are:

  N   Data cannot be entered into this field.
  Y   Data may be entered into this field if the Escheat Inquiry Indicator is set to 'Y'. Also, if the Escheat Inquiry Indicator is set to 'N', the field will be hidden from view.

  Alphanumeric, 1 position, FLS OAH ESCHEAT_DEL.

Escheat Inquire	Escheat Inquiry. This security is used to restrict data entry when the record is an Escheat record and it is being inquired. Valid entries are:

  N   Data cannot be seen from this field.
  Y   Data may be seen from this field.

  Note: If the Escheat Change Indicator or Escheat Delete Indicator is set to 'Y', then the indicator is treated as if this field is set to 'Y' even if it is set to 'N'.

  Alphanumeric, 1 position, FLS OAH ESCHEAT_INQ.

Operation Code	Operation Code. Operation Code is the logical compare to be done to the Mask Code field. Valid entries are:

  ƀ   No Mask Code restrictions. All data may be entered.
  EQ   Equal to the Mask Code field.
  GE   Greater than or equal to the Mask Code field.
  GT   Greater than the Mask Code field.
  LE   Less than or equal to the Mask Code field.
  LT   Less than the Mask Code field.
  NE   Not equal to the Mask Code field.

  Note: This works only with AMT process programs that have been coded to use the new process MIL710 and MIL720. SSL150 security routine programs must be coded to use certain routine programs for new security process.

  Alphanumeric, 2 positions, FLS OAH OPERAND_CODE.

Joiner Code	Joiner Code. This code is used to join together multiple Mask Data fields. Use the sequence number to place records back to back. Valid entries are:

  ƀ   No joiner. (This records Mask only.)
  A   And. (This records Mask and the next records Mask)
  O   Or. (This records Mask or the next records Mask.)

  Note: This works only with AMT process programs that have been coded to use the new process MIL710 and MIL720. SSL150 security routine programs must be coded to use certain routine programs for new security process.

  Alphanumeric, 1 position, FLS OAH JOINER_CODE.

Mask Code

Mask Data. Data used for logical comparison. When numeric data is used, a leading zero must be entered. A 5-position numeric field would be entered as **00123**. Do not enter the quotation marks.

Note: This works only with AMT process programs, MIL710 and MIL720 that have been coded to use the new process. SSL150 security routine programs must be coded to use certain routine programs for new security process.

Alphanumeric, 50 positions, FLS OAH MASK_DATA.

MIORG – Organization Definition

Purpose

This panel is used define file sets to be used. To set up only a non-API record, enter zero in the API Position. To set up only API records, enter zeros in the File Set Position.

Note: If setting up an 'only API' record, 1 record is needed for all products.

Key Panel

```
MIORGK    ZERO              Organization Definition         0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . B              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Org Id  . . . . . . . ___

   Product Code  . . . . __




Command===> MIORG
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIORG – Organization Definition

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Org Id

Organization ID. This user-defined field is defined in the Operator-to-Institution record as a pointer for the Organization Definition record that is to be used for organization processing.
Alphanumeric, 6 positions, FLS OAF ORGID.

Product Code

Product Code. This is the 2-position Product Code. Valid entry is **MI**, indicating MICM.
Alphanumeric, 2 positions, FLS OAF PRODUCT_CODE.

Primary Panel

```
 MIORG     ZERO              Organization Definition     0000  08- 12-1998
                                                              More:   +
                                                         Delete  _


 Org Id . . . . : J
 Product Code . : AN

 Org Name . . . . _____
 Org Position . . 24
 File Set Pos . . 24
 File Set Code    J








 Command===> MIORG,B,J,AN
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIORG – Organization Definition

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are: **b** Keep this record. **D** Delete this record. *Alphanumeric, 1 position, FLS OAF.*
Org Name	Organization Name. This is a descriptive name for the organization. *Alphanumeric, 40 positions, FLS OAF ORG_NAME.*
Org Position	Organization Position. Valid entries are **00 – 25**, indicating which position is to be used for API records. Only 1 per Organization ID is to be entered. **00** indicates none. **Note:** If more than 1 number is entered for API records, only the first entry found that is not 00 will be used. *Numeric, 2 positions, FLS OAF ORGID_POS.*
File Set Pos	File Set Position. Valid entries are **00 – 25**, indicating which position is to be used for VSAM files. This is for non-API files. *Numeric, 2 positions, FLS OAF FILESET_POS.*
File Set Code	File Set Code. This is the API Organization ID override. It must be the same Org ID as defined in the BNKBIPD2 Table, in the ORGID= field of the BIMD2TAB TYPE=ORGID Macro. *Alphanumeric, 1 position, FLS OAF FILESET_CODE.*

MIPRD – Profile Resource Definition

Purpose   This is the panel used to maintain add, delete and inquiry records on the Profile
                        Resource Definition record. These profiles contain the transactions that are
                        authorized to be used by an Operators that are pointing to a particular profile.
                        Control of adding, deleting updating and maintaining records is authorized or
                        restricted with this transaction.

Key Panel

```
MIPRDK    ZERO              Profile Resource Definition        0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . N              B (Browse)
                                        C (Copy)
                                        D (Delete)
                                        M (Maintenance)
                                        N (New)
                                        Space (Inquiry only)
   Profile Id  . . . . . SECUR___

   Trans Id  . . . . . . 2013____

   Appl Code . . . . . . 00




 Command===> MIPRD
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIPRD – Profile Resource Definition

Field Descriptions

Function   Function Code. Valid entries are:
                        ƀ   Inquiry only.
                        B   Browse.
                        C   Copy.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Profile Id   Profile ID. This field contains the ID of the profile. It is the profile that is used to
                        control transaction authorization. It is the primary key to the Profile Resource
                        Definition and Operator Record Authorization records.
                        Alphanumeric, 8 positions, FLS OA2 PROFILE_ID.

Trans Id

Transaction ID. This field contains the access code of the external transaction. This is the actual transaction code that the operator enters or for IQ messages, the IQ Request ID as defined on the MIIRD panel. This field cannot contain embedded spaces.

Note: Transaction codes starting with SGON, SGOF, MENU, CHNG, INPT, and MIFM are restricted for MICM use only.

Alphanumeric, 8 positions, FLS OA2 TRANS_ID.

Appl Code

Application Code. The internal application code. This is an optional field that is used when a transaction has the ability to process more than 1 application and the security needs to be different from one application to another. Refer to the individual product for details.
Numeric, 2 positions, FLS OA2 APPL_CODE.

Primary Panel

```
 MIPRD      ZERO              Profile Resource Definition      0000  08-12-1998

                                                                Delete  _

  Profile Id . . . SECUR     Trans Id . . . . 2013
  Appl Code  . . . 0

  Add Ind  . . . . Y
  Delete Ind . . . Y
  Inquiry Ind  . . Y
  Change Ind . . . Y
  Misc Ind . . . . Y
  Report Ind . . . Y
  Employee Access  Y
  Officer Access   Y
  Director Access  Y
  Dormant Code . . Y
  Escheat Code . . Y
  Foreclose. . . . Y
  Charge Off . . . Y

  Command===> MIPRD,N,SECUR,2013,0
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRD – Profile Resource Definition

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
- **ƀ** Keep this record.
- **D** Delete this record.

Alphanumeric, 1 position, FLS OA2.

Add Ind

Add Indicator. Indicates if operator is allowed to add records. Valid entries are:
- **N** Cannot add records.
- **Y** Records can be added.

Alphanumeric, 1 position, FLS OA2 ADD_IND.

Delete Ind

Delete Indicator. Indicates if the operator is allowed to delete records. Valid entries are:
- **N**   Cannot delete records.
- **Y**   Record can be deleted.

Alphanumeric, 1 position, FLS OA2 DELETE_IND.

Inquiry Ind

Inquiry Indicator. Indicates if operator is allowed to inquiry records. Valid entries are:
- **N**   Cannot inquiry records.
- **Y**   Can inquiry records.

Alphanumeric, 1 position, FLS OA2 INQUIRY_IND.

Change Ind

Change Indicator. Indicates if operator is allowed to change records. Valid entries are:
- **N**   Cannot change records.
- **Y**   Records can be changed.

Alphanumeric, 1 position, FLS OA2 CHANGE_IND.

Misc Ind

Miscellaneous Indicator. Valid entries are:
- **N**   Error overrides are not allowed.
- **Y**   Error overrides are allowed.

Alphanumeric, 1 position, FLS OA2 MISC_IND.

Report Ind

Report Indicator. Valid entries are:
- **N**   Standard report writer/no high volume.
- **Y**   Use report writer/high volume.

Alphanumeric, 1 position, FLS OA2 REPORT_IND.

Employee Access

Employee Access Code. Indicates whether the operator may access employee accounts. Valid entries are:
- **I**   Operator may access inquiry only for employee accounts.
- **N**   Operator may not access employee accounts.
- **Y**   Operator may access employee accounts.

Alphanumeric, 1 position, FLS OA2 EMPLOYEE_ACCESS.

Officer Access

Officer Access Code. Indicates whether the operator may access officer accounts. Valid entries are:
- **I**   Operator may access inquiry only for officer accounts.
- **N**   Operator may not access officer accounts.
- **Y**   Operator may access officer accounts.

Alphanumeric, 1 position, FLS OA2 OFFICER_ACCESS.

Director Access

Director Access Code. Indicates whether the operator may access director accounts. Valid entries are:
- **I**   Operator may access inquiry only for director accounts.
- **N**   Operator may not access director accounts.
- **Y**   Operator may access director accounts.

Alphanumeric, 1 position, FLS OA2 DIRECTOR_ACCESS.

Dormant Code

Dormant Code. Indicates whether the operator may access dormant accounts.
Valid entries are:

I   Operator may access inquiry only for dormant accounts.

N   Operator may not access dormant accounts.

Y   Operator may access dormant accounts.

Alphanumeric, 1 position, FLS OA2 DORMANT_CODE.

Escheat Code

Escheat Code. Indicates whether the operator may access escheat accounts.
Valid entries are:

I   Operator may access inquiry only for escheat accounts.

N   Operator may not access escheat accounts.

Y   Operator may access escheat accounts.

Alphanumeric, 1 position, FLS OA2 ESCHEAT_CODE.

Foreclose

Foreclosure Code. Indicates whether the operator may access accounts in
foreclosure status. Valid entries are:

I   Operator may access inquiry only for foreclosure status accounts.

N   Operator may not access foreclosure status accounts.

Y   Operator may access foreclosure status accounts.

Alphanumeric, 1 position, FLS OA2 FORCLOSE.

Charge Off

Charge-off Code. Indicates whether the operator may access accounts in charge-
of status. Valid entries are:

I   Operator may access inquiry only for charge-off accounts.

N   Operator may not access charge-off accounts.

Y   Operator may access charge-off accounts.

Alphanumeric, 1 position, FLS OA2 CHARGE_OFF.

MIPRO – Profile Definition

Purpose   This panel is used to define and maintain Profile Definition Records, which contains the name and type of profile.

Key Panel

```
 MIPROK    ZERO                   Profile Definition           0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . N              B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)
    Profile Id  . . . . . SECUR





 Command===> MIPRO
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIPRO – Profile Definition

Field Descriptions

Function   Function Code. Valid entries are:
                  ƀ   Inquiry only.
                  B   Browse.
                  C   Copy.
                  D   Delete.
                  M   Maintenance.
                  N   New.
                  Alphanumeric, 1 position.

Profile ID   Profile ID. This field contains the ID of the profile. It is the profile that is used to control transaction authorization. It is the primary key to the Profile Resource Definition and Operator Record Authorization records.
                  Alphanumeric, 8 positions, FLS OAE PROFILE_ID.

Primary Panel

```
MIPRO     ZERO              Profile Definition        0000  08-12-1998
                                                              Delete

Profile Id . . . SECUR

Profile Name . . MICM SECURITY
Profile Type . . P






Command===> MIPRO,N,SECUR
F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIPRO – Profile Definition

Field Descriptions

Delete
:   Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
    ƀ   Keep this record.
    D   Delete this record.
    Alphanumeric, 1 position, FLS OAE.

Profile Name
:   Profile Name. This field contains a descriptive name of the profile, used only when you view this record.
    Alphanumeric, 40 positions, FLS OAE NAME.

Profile Type
:   Profile Type. This field identifies the type of resource. Valid entries are:
    P   Resource is a Profile Resource.
    R   Resource is an Operator Record Authorization.
    Alphanumeric, 1 position, FLS OAE TYPE.

MIRDC – Resource Description

Purpose

This panel is used to maintain the Resource Description Record (RDC). The Resource Description record is used to define each Panel, Work Unit and Menu. This Transaction maintains the Resource Description Record. When adding a new record, add a Transaction Definition record or a Work Unit Definition or a Menu Definition record, and a Resource Description Language record.

Key Panel

```
MIRDCK    ZERO                Resource Description          0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . N             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)

   Resource Id . . . . . TESTMICM




 Command===> MIRDC
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIRDC – Resource Description

Field Descriptions

Function

Function Code. Valid entries are:
- ƀ   Inquiry only.
- **B**   Browse.
- **C**   Copy.
- **D**   Delete.
- **M**   Maintenance.
- **N**   New.

Alphanumeric, 1 position.

Resource Id

Resource ID. This field contains the access code of the external transaction. This is the actual transaction code that the operator enters. This field cannot contain embedded spaces.

This resource can be a transaction, menu, or work unit definition.

Note: Resource IDs starting with SGON, SGOF, MENU, CHNG, INPT, and MIFM are restricted for MICM use only.

Alphanumeric, 8 positions, FLS OAT RESRCE_ID.

Primary Panel

```
 MIRDC     ZERO                Resource Description        0000  08-12-1998

                                                             Delete  _

  Resource Id  . . TESTMICM

  Resource Type    P
  Help Panel . . . HXXXX88M
  Next Tran  . . . SECURITY
  Object Id  . . . _____







  Command===> MIRDC,N,TESTMICM
  F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
```

MIRDC – Resource Description

Field Descriptions

Delete

Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:

 ƀ Keep this record.

 D Delete this record.

Alphanumeric, 1 position, FLS OAT.

Resource Type

Resource Type. The type of resource to which this record applies. Valid entries are:

 G Same as P, except it will not appear on the menu.

 M Menu.

 P Panel.

 W Work Unit.

Alphanumeric, 1 position, FLS OAT RESRCE_TYPE.

Help Panel

Help Panel. The ID of the panel used to display panel-level help.

Alphanumeric, 8 positions, FLS OAT HELP_PANEL.

Next Tran

Next Transaction. This field is used to chain one transaction to another. When chaining to the next transaction an attempt is made to form the key of the next transaction from the communication area in conjunction with MICM Record 2012. The Key Parameter of this panel contains the key to MICM Record 2012. Chaining does not allow you to move backward and forward from one transaction to another. Chaining allows you to go from one work unit to another. The backwards [F7] function is restricted within the first work unit. Work unit functionality allows backward and forward functions ([F7] and [F8]).

Alphanumeric, 8 positions, FLS OAT NEXT_TRAN.

Object Id   Object ID. The name of the program or transaction that is to be invoked.
                             Alphanumeric, 50 positions, FLS OAT OBJECT_ID.

MIRDMLST – IQ Request Definition Listing

Purpose

This panel lists IQ request definition record keys and descriptions. The Request ID, AMT application code, and AMT record code portions of the key are optional. These fields are displayed along with the description from the corresponding MICRL record. This transaction works in a browse mode.

Key Panel

```
 MIRDMKEY  ZERO              IQ Request Definition List Key      0000  03-02-2000



  Enter the following key parameters:

    Request ID  . . . . . . . _____

    AMT Appl Code . . . . . . __

    AMT Record Code . . . . . ___






 Command====> MIRDMLST,,,
 F1=Help   F3=Exit   F4=Next   F8=Forward   F11=Break   F12=Cancel
```

MIVIRDK - IQ Request Definition List Key

Field Descriptions

Request ID

Request ID. This field contains the access code for an IQ request message and all its component message parts as defined by IQ AMT definitions. This is the code that the distributed client application places in the Request ID field of the IQ request message. This field cannot contain embedded spaces.
Alphanumeric, 8 positions, FLS OA5 REQUEST_ID.

AMT Appl Code

Application Management Table Application Code. This code in conjunction with the Application Management Table Record ID makes up the key to the Application Management Table. This field contains the IQ request message part AMT application code. Valid entries are:

A   Account Analysis.
D   Deposits.
F   Financial Control System.
Q   Infopoint IQ.
M   MICM.
R   Relationship CIF.
T   Time Investment.
Alphanumeric, 12 positions, FLS OA5 AMT_APPL_ID.

AMT Record Code

Application Management Table Record Code. This code in conjunction with the Application Management Table Application ID makes up the key to the Application Management Table. This field contains the IQ request message part AMT record code the key to the Application Management Table that is used for this request.
Alphanumeric, 8 positions, FLS OA5 RECORD_ID.

Primary Panel

```
 MIRDMLST   ZERO              IQ Request Definition  Listing      0000 03-02-2000
                                                                      More:   +


 -------------------------------------------------------------------------------
 Request    AMT      AMT
   ID     Appl-ID   Record-Code   AMT Description
 -------------------------------------------------------------------------------
 MIASKUPD    M        OAA           IQ Ask Infopoint (ASK)
 MICFL       M        OAO           IQ Field Language Table (CLF)
 MICLD       M        OAQ           IQ Logical Database Table (CLD)
 MICRL       M        OAP           IQ Record Language Table (CRL)
 MICSF       M        OAN           IQ Field Definition Table (CSF)
 MICSK       M        OAR           IQ Key Definition Table (CSK)
 MICSR       M        OAK           IQ Record Definition Table (CSR)
 MIHST       M        OAL           IQ Maintenance History (HST)
 MIIRD       M        OA5           IQ Request Definition (IRD)
 MIMMAPM     M        OA4           IQ Merge Mapping (MMP)
 MIMUD       M        OAX           IQ Menu Definition (MUD)
 MIOPA       M        OAY           IQ Operator Authorization (OPA)
 MIOPP       M        OAC           IQ Operator Profile Authorization (OPP)

 Command====> MIRDMLST,M,,
 F1=Help   F2=Begin   F3=Exit   F4=Next   F7=Backward   F8=Forward
 F11=Break   F12=Cancel
```

MIRDMLST – IQ Request Definition Listing

Field Descriptions

AMT Description

Application Management Table Description. Name of the IQ AMT record used by IQ's Host Data Transfer processing module. This description is displayed from the MICRL Record Language Table
Alphanumeric, 40 positions, FLS OAP RECORD_NAME.

MIRLN – Resource Description Language

Purpose
This panel is used to maintain the Resource Description Language Record (RLN). MIRLN is 1 of 3 records required to define an online transaction to MICM. The other 2 are MITDF and MIRDC.

Key Panel

```
 MIRLNK    ZERO          Resource Description Language     0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B              B (Browse)
                                         C (Copy)
                                         D (Delete)
                                         M (Maintenance)
                                         N (New)
                                         Space (Inquiry only)

    Resource Id . . . . . SECURITY

    Language  . . . . . . __




  Command===> MIRLN
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIRLN – Resource Description Language

Field Descriptions

Function
Function Code. Valid entries are:
- **b̵** Inquiry only.
- **B** Browse.
- **C** Copy.
- **D** Delete.
- **M** Maintenance.
- **N** New.

Alphanumeric, 1 position.

Resource Id
Resource ID. This field contains the access code of the external transaction. This is the actual transaction code that the operator enters. This field cannot contain embedded spaces.

This resource can be a transaction, menu, or work unit definition.

Note: Resource IDs starting with SGON, SGOF, MENU, CHNG, INPT, and MIFM are restricted for MICM use only.

Alphanumeric, 8 positions, FLS OAV RESRCE_ID.

Language   Language Code. Valid codes are defined on MICM Record 2022 (Valid Language
                            Codes Table Record). Codes that can be used are indicated with a 'Y' in the
                            usage field.
                            Alphanumeric, 2 positions, FLS OAV LANGUAGE.

Primary Panel

```
 MIRLN    ZERO            Resource Description Language    0000  08-12-1998
                                                             More:   +
                                                           Delete  _

 Resource Id  . : SECURITY
 Language . . . : EN

 Tran Name  . . . Infopoint Security








 Command===> MIRLN,B,SECURITY,EN
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MIRLN – Resource Description Language

Field Descriptions

Delete   Status Code. Maintenance panel allows the user to delete an entire record from
                            the file. Valid entries are:
                            ƀ   Keep this record.
                            D   Delete this record.
                            Alphanumeric, 1 position, FLS OAV.

Tran Name   Resource Description Language. This field contains the panel, menu or Work
                            Unit name. This is a description of the function performed when accessing the
                            transaction to which this record applies. This description is displayed on all
                            operator menus to which this transaction applies.
                            Alphanumeric, 40 positions, FLS OAV RESRCE_NAME.

MISOP – System and Security Options

Purpose   This panel is used to define and maintain the System and Security Option
                       Record, which deals with external security and menu options.

Key Panel

```
 MISOPK    ZERO              System and Security Options        0000  08-12-1998


  Enter the following key parameters:


   Function  . . . . . . N                      B (Browse)
                                                D (Delete)
                                                M (Maintenance)
                                                N (New)
                                                Space (Inquiry only)






 000003  Key record not found
 Command===> MISOP
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MISOP – System and Security Options

Field Descriptions

Function   Function Code. Valid entries are:
                        ƀ   Inquiry only.
                        B   Browse.
                        D   Delete.
                        M   Maintenance.
                        N   New.
                        Alphanumeric, 1 position.

Primary Panel

```
MISOP    ZERO             System and Security Options      0000  08-12-1998

                                                           Delete  _

   Extl Scty Opt    N
   Signon Option    N
   Auto Signon  . . N
   Delayed Menu . . N
   Menu in Main . . M
   TS User  . . . . N
   Operator Exit  . N
   Operator System. _
   Process FCS  . . Y
   TRMID File Opt   Y




   Command===> MISOP,N
   F1=Help   F3=Exit   F4=Next   F9=Edit   F11=Break   F12=Cancel   F13=Select
   F14=Copy
```

MISOP – System and Security Options

Field Descriptions

Delete
Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
ƀ   Keep this record.
D   Delete this record.
Alphanumeric, 1 position, FLS OA3.

Extl Scty Opt
External Security Option. This option indicates if external security is to be used for transaction authorization in place of the Profile Resource Definition (PRD) Record. If this option is set to an **I** or **Y,** the Signon Option field is forced to be a 'Y'. Valid entries are:
I   External security is being used with institution.
N   External security is not being used.
Y   External security is being used without institution.

Note: The Signon Option controls external security during signon processing.

Alphanumeric, 1 position, FLS OA3 EXTL_SCTY_OPT.

Signon Option   Signon Option. This option controls operator identification and password verification. The External Security Option must be set to 'I 'or 'Y' for the Signon Option to be valid. Valid entries are:

    C   Use the user ID obtained from CICS. User must signon to CICS with CESN transaction.

    N   Enter operator ID and password. Password is verified with the Operator Record (OPR).

    O   Enter operator ID only and verify with external security.

    Y   Use the user ID obtained from external security. (The CGSISEC MI, SECU=EXT) must set in program CGSIALST).

Alphanumeric, 1 position, FLS OA3 SIGNON_OPTION.

Auto Signon   Automatic Signon. This option indicates if Automatic signon is allowed. If Automatic Signon is set 'on', it is not required to perform the SIGN transaction. Valid entries are:

    N   Automatic Signon is not being used.

    Y   Automatic Signon is being used. (The signon option must be set to 'Y' or 'C'.)

Alphanumeric, 1 position, FLS OA3 AUTO_SIGNON.

Delayed Menu   Delayed Menu. This option indicates whether or not to build menus at signon time. A menu panel will display with no items on it. To build menu panels after signon, enter transaction ID MIMENU. Valid entries are:

    N   Delayed Menu is not being used.

    Y   Delayed Menu is being used.

Alphanumeric, 1 position, FLS OA3 D_MENU.

Menu in Main   Menu in Main. This option indicates to write menus to Temporary Storage Main or Temporary Storage Auxiliary. Valid entries are:

    A   Write menus to Temporary Storage Auxiliary.

    M   Write menus to Temporary Storage Main.

Alphanumeric, 1 position, FLS OA3 MENU_M.

TS User   Temporary Storage User. This option indicates whether to write the Temporary Storage Signon record (MIOPtttt) with an additional area up to 256 positions. When this field is on, the system appends a 256-position user area at the end of MIOPtttt. When this field is off, a shorter temporary storage area is written. Valid entries are:

    N   Write Temporary Storage without additional area.

    Y   Write Temporary Storage with additional area.

Alphanumeric, 1 position, FLS OA3 T_S_USER.

Operator Exit   Operator Exit. This option indicates to use the exit program SSLOPREX to retrieve Operator Record (OPR), Operator Authorization Record (OPA), and Operator Profile Authorization (OPP) information. Program SSLPROEX is a sample and is to be modified to eliminate the need for the OPR, OPA and OPP records. Valid entries are:

    N   Do not use SSLOPREX program.

    Y   Use SSLOPREX program.

Alphanumeric, 1 position, FLS OA3 FLAG_1.

Operator System   Operating System. The type of operating system used. When using external security, this code controls processing in copybook SLP079. Valid entries are:

    M MVS.

    V VSE.

Alphanumeric, 1 position, FLS OA3 FLAG_2.

Process FCS   Financial Control System. This field should be set to a **Y** if the Financial Control System is installed which causes dates on the FCS panels to have the date from FCS. Valid entries are:

    N   Financial Control System is not installed.

    Y   Financial Control System is installed.

Alphanumeric, 1 position, FLS OA3 FLAG_3.

TRMID File Opt   Terminal ID File Option. This option indicates that program SSL126 is going to be used for Temporary Storage house cleaning. Valid entries are:

    N   Using program SSL125.

    Y   Using program SSL126.

Alphanumeric, 1 position, FLS OA3 FLAG_4.

MITDF – Transaction Definition

Purpose

This panel is used to maintain the TDF (Transaction Definition Record). It controls which program to invoke or what CICS task to start. Online transactions being used must have this panel along with an MIRLN (Resource Description Language) and an MIRDC (Resource Description).

Key Panel

```
MITTDF    ZERO                Transaction Definition         0000  08-12-1998


 Enter the following key parameters:


   Function  . . . . . . B             B (Browse)
                                       C (Copy)
                                       D (Delete)
                                       M (Maintenance)
                                       N (New)
                                       Space (Inquiry only)
      Transaction Id  . . . _____




 Command===> MITDF
 F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MITDF – Transaction Definition

Field Descriptions

Function

Function Code. Valid entries are:
  - **b**   Inquiry only.
  - **B**   Browse.
  - **C**   Copy.
  - **D**   Delete.
  - **M**   Maintenance.
  - **N**   New.

Alphanumeric, 1 position.

Transaction Id

Transaction ID. This field contains the access code of the external transaction. This is the actual transaction code that the operator enters. This field cannot contain embedded spaces.

Note: Transaction codes starting with SGON, SGOF, MENU, CHNG, INPT, and MIFM are restricted for MICM use only.

Alphanumeric, 8 positions, FLS OAU TRANS_ID.

Primary Panel

```
 MITDF     ZERO              Transaction Definition      0000  08-12-1998
                                                              More:   +
                                                             Delete  _


 Transaction Id : ANALYSIS

 Program Id . . . SSL100
 Internal Id  . . MI00
 Key Parm . . . . 0
 Disable  . . . . N
 Entry Edit Code  99
 Generic Panel    _____
 Appl Id  . . . . __
 How Started  . . _
 Task Id  . . . . ___
 Appl Mgr Panel   0
 Generic Program  _____




 Command===> MITDF,B,ANALYSIS
 F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
 F13=Select   F14=Copy   F15=Bottom
```

MITDF – Transaction Definition

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
	ƀ Keep this record.
	D Delete this record.
	Alphanumeric, 1 position, FLS OAU.

Program Id   Program ID. The panel program or module name that processes the transaction defined in this record.
Alphanumeric, 8 positions, FLS OAU PROGRAM_ID.

Internal Id   Internal Transaction ID. Additional internal transaction identification used by the application to access the program or function module.
Alphanumeric, 4 positions, FLS OAU INTERNAL_ID.

Key Parm   Key Parameters. This is the key for MICM Record 2012.
Numeric, 3 positions, FLS OAU KEY_PARM.

Disable   Transaction Disable Option. Indicates whether or not the transaction is disabled. Valid entries are:

     ƀ   Transaction is not disabled.

     I   Transaction access is limited to inquiry only.

     N   Transaction is not disabled.

     Y   Transaction is disabled, access denied.

Alphanumeric, 1 position, FLS OAU DISABLE.

Entry Edit Code

Entry Edit Code. Used to display the transaction key requirements when the transaction is initially accessed by the operator. Valid entries are:

0-98   MICM 3.0 transaction.

99   MICM 4.0, 5.0, or 5.1 transaction.

Numeric, 2 positions, FLS OAU ENTRY_EDIT_CODE.

Generic Panel

Generic Panel. The panel name from MIMMAPM (Merge Mapping File Maintenance) used for application management and merge mapping.

Alphanumeric, 8 positions, FLS OAU GENERIC_PANEL.

Appl Id

Application Identification. This code is used with Panel 4005 to identify the data set on which the Panel Map resides. Valid entries are:

DP   Deposits.

EA   Exception Administrator, via MI MICM.

MI   MICM.

RF   Relationship CIF

TI   Time Investment.

Alphanumeric, 2 positions, FLS OAU APPL_ID.

How Started

How Started. This code tells the Control Program how to start this transaction. Valid entries are:

ƀ   Transfer control.

T   Start task.

Alphanumeric, 1 position, FLS OAU HOW_STARTED.

Task Id

Task Identification. This CICS transaction code is used when How Started is set to 'T'.

Alphanumeric, 4 positions, FLS OAU TASK_ID.

Appl Mgr Panel

Application Management Panels. This field contains the number of panels in a work unit for MICM records. It is needed when the program name is 'MIL710', the Transaction Type is 'W' and the Transaction Code is a 4-position number.

Numeric, 2 positions, FLS OAU APPL_MGR_PANEL.

Generic Program

Generic Program. The name of the program that MIL740 is to link to when the Program ID is set to MIL740. Refer to program MIL740 in MICM *Reference Guide 1* for more information.

Alphanumeric, 8 positions, FLS OAU GENERIC_PROGRAM.

MIWKU – Work Unit Definition

Purpose

This panel is used to define and maintain Work Unit Definition records which defines the work unit name and what online transaction will follow. The Work Unit can contain from 2 to 20 transactions. Transactions not defined in the Profile Resource Definition are excluded from the work unit for that operator during work unit processing. A work unit allows the stringing of online transactions for ease of processing.

Key Panel

```
MIWKUK    ZERO                  Work Unit Definition            0000  08-12-1998


  Enter the following key parameters:


    Function  . . . . . . B                 B (Browse)
                                            C (Copy)
                                            D (Delete)
                                            M (Maintenance)
                                            N (New)
                                            Space (Inquiry only)
    Work Unit Id  . . . . _____

    Work Unit Seq . . . . __

    Trans Id  . . . . . . _____



  Command===> MIWKU
  F1=Help   F3=Exit   F4=Next   F11=Break   F12=Cancel
```

MIWKU – Work Unit Definition

Field Descriptions

Function

Function Code. Valid entries are:

b   Inquiry only.
B   Browse.
C   Copy.
D   Delete.
M   Maintenance.
N   New.
Alphanumeric, 1 position.

Work Unit Id

Work Unit ID. This field contains the transaction code used to invoke this Work Unit. This transaction code must be set up on record TTP MITDF (Transaction description with a Type of 'W').
Alphanumeric, 8 positions, FLS OAW WORK_UNIT_ID.

Work Unit Seq

Work Unit Sequence Number. This field is used to order the transaction within the Work Unit. Valid entries are **01 – 20**.
Numeric, 2 positions, FLS OAW WORK_UNIT_SEQ.

Trans Id	Transaction ID. This field contains the access code of the external transactions, which the operator enters. This field cannot contain embedded spaces.

Note: Transaction codes starting with SGON, SGOF, MENU, CHNG, INPT and MIFM are restricted for MICM use only.

Alphanumeric, 8 positions, FLS OAW TRANS_ID. |

Primary Panel

```
 MIWKU     ZERO              Work Unit Definition         0000  08-12-1998
                                                                More:   +
                                                                Delete  _

         Work Unit Id . : ANDHM
         Work Unit Seq  : 1
         Trans Id . . . : ANDHM1

         Default Func . . _
         Restart Flag . . _
         Appl Router  . . __
         Dialogue Router  __




         Command===> MIWKU,B,ANDHM,1,ANDHM1
         F1=Help   F3=Exit   F4=Next   F8=Forward   F9=Edit   F11=Break   F12=Cancel
         F13=Select   F14=Copy   F15=Bottom
```

MIWKU – Work Unit Definition

Field Descriptions

Delete	Status Code. Maintenance panel allows the user to delete an entire record from the file. Valid entries are:
b Keep this record.
D Delete this record.
Alphanumeric, 1 position, FLS OAW.
Default Func	Default Function Code. This field contains the Function Code to be used by this transaction. A blank entry does not default a function. Valid entries are:
   B New and Maintenance.
   I Inquiry.
   M Maintenance.
   N New.

Note: This field is used if the following conditions are met: A TTP and TDF record must be set up for the specified panel; the Key Parameter field must point to MICM Record 2012. In addition, MICM Record 2012 must define the function as a parameter (The value for function as a parameter is 001.)

Alphanumeric, 1 position, FLS OAW DEFAULT_FUNC. |

Restart Flag	Restart Flag. This flag indicates whether or not to return to the first panel of the Work Unit after processing this panel. Valid entries are:

ƀ   Do not return to the first work unit position. Return to the menu.

L   Restart work unit without resetting the time stamp information. (Invalid value for first transaction is a work unit).

N   This value stops the paging backwards from this transaction as well as invoking the 'begin' function. (F2 and F7 are prohibited for this entry).

R   Restart Work Unit and build next key. Processes through work unit and builds the next key, continuing in a browse mode.

X   Return to the first Work Unit transaction. (Invalid value for the first transaction.) Processes through the work unit and stops at the work unit key panel.

Alphanumeric, 1 position, FLS OAW RESTART_FLAG.

Appl Router	Application Router. Used to determine if the panel (transaction) is to be selected for processing based on Application Number. When an Application Number is specified, the panel is processed only when this field matches the Application Number of the account being processed. If this field is left blank, the panel is always processed. *Alphanumeric, 2 positions, FLS OAW APPL_ROUTE.*

Dialogue Router	Dialogue Router. Used to determine if the panel (transaction) is to be selected for processing based on the Relationship CIF Application Number. When an Relationship CIF Application Number is specified, the panel is processed only when this field matches the Relationship CIF Application Number of the account being processed. This field should be left blank if it applies to a non-Relationship CIF panel, or if it is a Relationship CIF panel for which this type of selection is not required. *Alphanumeric, 2 positions, FLS OAW DIALOG_ROUTE.*

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