

Application Cross System Procedure Description

Business Info-Solution

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JOB: Installation

Step 1. LODRUN - Installing ACS Programs

Whether or not your system contains any previously installed ACS applications and/or data, it is highly recommended that **you should have a current backup of all your program and data file libraries before starting this install process.**

If you are installing V2 for the first time with no previous V1 installation, this installation process will create program library ACSLIB2 and data library ACSDTA201 for your data files.

If you are reinstalling V2 again (with or without a previous V1 installation), the installation process will refresh your program library ACSLIB2 and will update the file definitions in all of the existing ACSDTA2xxx libraries. Data files will be updated with any new or changed file definitions during this process.

When you are installing V2, the previous V1 data files will not be updated or copied. Instead you will be required to run a migration process (see ACSMIGV1V2) to move your data files to the V2 data libraries before processing can begin. These V2 data libraries will contain updated file formats. This installation approach allows you to run concurrent copies of your data files during a testing or "cut over" period to the new V2 programs.

NOTE: Data keyed and updated/changed into any one-module version data library is not automatically moved or updated to the other module version data library.

You may however, re-migrate data from a V1 to a V2 data library on a selected module basis. However, only the files that are reprocessed in the migration will be updated and only from a V1 to a V2 data library. No capability to move back to V1 data files with updated V2 data is provided.

Steps to follow to install ACS programs and file definitions:

- Ensure that no one else is signed on to the system using any ACS programs.
- Sign on as QSECOFR.
- Load the CD in your CD drive.
- Type the following command using the device id of your CD drive:

LODRUN DEV(device-id)

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See following for complete description of this command.

The install program will be loaded from CD and will begin to run automatically.

It will display a list of the application modules that are on this CD. For each module, type a "Y" if you want to install that module, type an "N" if you do not want to install it at this time. Press ENTER to continue the install process.

Programs are placed in library ACSLIB2. Data files will reside in library ACSDTA201.

If you want to create additional data libraries (i.e. secured payroll library) see the ACSCRTLIB command. If you have previously installed any ACS applications and you already have additional data libraries, you may need to update the file definitions in those libraries using the ACSCRTLIB command.

When the install process is finished, the message "ACS was successfully installed" will be displayed.

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Step 2. Setting Up User Profiles for ACS

Creating and maintaining user profiles can only be done by someone with *SECADM authority or higher (QSECOFR). To work with user profiles type the command WRKUSRPRF and press ENTER.

When setting up your user profiles, there are parameters that control how that user signs on to the ACS system and may limit the user's options while in the ACS system. For an example of a user profile setup for ACS, see user profile ACSUSR2. This user profile is created on your system when ACS is installed.

There are two methods for signing on to the ACS system.

Method 1. Sign on to library ACSLIB2 or include it in your library list (ADDLIB ACSLIB2). Type the command ACSSTR and press ENTER. The ACS main menu will be displayed. To sign on directly to another menu or use a different data set (for discussion of data sets, see command ACSCHGDTAS), type the command ACSSTR and press F4 to prompt for optional parameters (for more information, see command ACSSTR). This method is useful for someone who does not always want to sign on to ACS and may perform other functions or use other software on the system.

Method 2. In your user profile, enter ACSBOOT in library ACSLIB2 as the Initial Program. When you sign on, the ACS main menu will be displayed. This method is useful for someone who only uses ACS applications on the system.

There are additional ACSBOOTxxx programs for each ACS application that can be used in the user profiles so that a user's initial menu is an application menu instead of the ACS main menu. For example, ACSBOOTAGL would make the General Ledger (AGL) main menu appear as the initial menu displayed when the user signs on. The ACSBOOTxxx programs override the Initial Menu parameter in the user profile. ACSBOOTxxx programs can also be customized to use a different data set. Because the ACSBOOTxxx will setup the library list as required for ACS, enter *CRTDFT in the Current Library parameter in the user profile.

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You may want to limit the user's ability to access any native AS/400 menus or commands. In that case, two parameter options are recommended. First, enter *SIGNOFF as the Initial Menu in the user profile. This forces a users workstation to signoff if the user ends the ACS menu with F3=End. Without the *SIGNOFF option, the user can end ACS with F3=End which returns the user to a native AS/400 menu. Second, enter *YES in the Limit Capability parameter in the user profile. This restricts a user from using the option 99=Command Line that is provided on all ACS menus. Option 99 opens a command line where a user can enter any native AS/400 command.

The use of group profiles for ACS users is recommended as a way of simplifying the management of file security and ownership. See sample group profile ACSGRP created when ACS is installed. Enter ACSGRP as the Group Profile parameter in the user profile for ACS users. Also enter *GRPPRF as the Owner parameter in the user profile to indicate that the group will own any created objects.

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Step. Overriding Session Print Parameters

Certain print parameters (such as line-per-page, characters-per-inch, print-device, etc) can be set for each ACS session using the Override Print option on the ACS System Utilities menu. These parameters are set for that workstation session (job) and remain until the ACS session is ended (F3=end or signed off). These print parameters become the standard defaults for any application print program run from this workstation session. However, some application print programs (i.e. G/L financial statements) have their own print parameters. You cannot override session print parameters by typing an OVRPRTF command on the option 99 command line since it would no longer be in effect when you returned from the command line to the menu.

Step. ACSMIGV1V2 LIBS(ACSDTA1*)

This migration process will allow you to both create V2 data libraries and migrate data to those libraries from existing V1 data libraries.

To run this process you should be signed on as QSECOFR (*ALLOBJ authority) or any user with enough authority to duplicate the data objects in your V1 data library. After signing on the session, you must first add the ACSLIB2 library to your library list, and then run the ACSSTR command to start an ACS session.

After an ACS menu is displayed, you should open a command window (either option 99 in original style menus or F20 in secured style menus), and enter the ACSMIGV1V2 command to start the migration process.

The LIBS parameter specifies which data library or libraries you wish to possibly select in this run. The data library names must begin with the character string 'ACSDTA1'. This is a generic parameter with the use of the * character to signify inclusion of multiple data library names. Only one specific data library name may be included is so desired.

You will be allowed to specify, on an individual module basis, those data files to be migrated in any one run process. This allows you to selectively duplicate your data files for V2 processing. The migration process may be run multiple times as needed or necessary. Only after satisfactory testing and system assurance should you remove the V1 data files and/or program libraries. It is highly recommended that you create a backup on a magnetic media (tape) of the V1 data files and program libraries before they are removed from your system.

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NOTE: Before this V2 migration process can be run you should have installed the most current V1 update for all modules that you wish to migrate to V2.

Only AS/400 objects of the type *FILE (PF or LF) are duplicated and/or migrated to the V2 data library. Migration will include the processing steps to convert year fields into a century/year format for only the known module data file/field names. Migration will only copy, not convert, customer custom data files. The customer will be responsible for duplicating or recreating any other object types in your V1 data library. These objects, such as queries or data areas, are not moved to a V2 library, since they will probably need modification or some user intervention to work properly with new V2 data file formats and/or programs.

When initiating this process step, the system will analyze all V1 data libraries specified as to their current storage size, and compute an estimate of the required storage for a new V2 data library. This process step of analysis can be lengthy. Multiple libraries can be included for migration in any one run. However it is recommended that you only include the data libraries you wish to actually process to minimize the amount of time to initially compute and later re-compute the V1 and V2 data library storage sizes.

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JOB: Starting Applications

Step 1. Signing on to ACS menus.

Method 1. Sign on to library ACSLIB2 or include it in your library list (ADDLIBLE ACSLIB2). Type ACSSTR and press ENTER. The ACS main menu will be displayed (for more information, see command ACSSTR).

Method 2. In your user profile, enter ACSBOOTsss in library ACSLIB2 as the initial program (see sample user profile ACSUSR2). When you sign on, the ACS main menu will be displayed. For more information, see Setting up User Profile for ACS.

Step. ACSSTR - Startup ACS (Method 1)

This command is used to startup the ACS system for a user. The ACS license is checked, the library list is set with the appropriate ACS program libraries and data libraries, and the initial ACS menu is displayed. The user can then use the installed ACS applications.

ACSSTR
MENU(initial menu)
INSID(2)
DTASET(data set)
CUSLIB(custom library)
DTAMTR(common data library)

Optional parameters:

MENU

Specifies the initial menu to be displayed after the library list is set up. The default is the ACS main menu ACSMNU. The user can then select other ACS application menus and run programs.

INSID

Specifies the installation or version id for this ACS installation. The default is 2. This is used to select the appropriate libraries to be included in the library list for ACS processing. For example, version 2 would indicate the program library ACSLIB2 and data library ACSDTA2xx. This allows multiple versions of ACS applications to be installed on the same machine.

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DTASET

Specifies which data library or set of data libraries is to be used. The default is 01, which indicates data library ACSDTA201 will be set as the current library (*CURLIB) in the library list. If a third character is used (i.e. 01S), this indicates a supplemental or additional data library to be associated with a primary data library. In this case, additional data library ACSDTA201S will be set as the current library and primary data library ACSDTA201 will be added as the next library in the library list. This feature can be used to maintain multiple sets of application files, which use the same program library but entirely separate data libraries (i.e. secured payroll). See also command ACSCHGDTAS.

CUSLIB

Specifies an additional user custom program library to be included in the library list. The default is *SYSOPT which means the library name may be found in the system options file under system option UBS-LIBR (see ACSUPDOPT) The library name in this system option is limited to 8 characters, but if an asterisk * is entered as the first character then the following 4 characters xxxx will be appended to ACSCUSxxxx as the library name. This library is for user written custom programs to be used with the ACS system. This should not be confused with the SolutionWare custom program library ACSCUSxxx (xxx is a SolutionWare customer abbreviation) that is for SolutionWare written custom programs and is automatically included in the library list if needed.

DTAMTR

Specifies an optional master data library to be included in the library list. The default is *SYSOPT which means the library name may be found in the system options file under system option UBS-MLIB (see ACSUPDOPT) A full ten character library may be specified, but If an asterisk * is entered as the first character then the following 4 characters xxxx will be appended to ACSDTMxxxx as the library name. This library is for common data files to be used with the ACS system across multiple datasets. See ACSWRKSPLF for typical usage.

NOTE: Restriction for Display station device and User profile names.

The ACSSTR command **must not** be run from a display station or be initiated by a user profile that contains a # character in its name.

Step. CALL ACSBOOTsss - ACS Boot Selection (Method 2)

This command is used to startup the ACS system for a user with a defined set of parameters for dataset, security, and initial menu. ACSSTR command documented above is called by this procedure. The optional sss portion of the command name represents combinations of system parameters that can be specified.

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Step. ACSSTRPGM - Run a Program Using ACS Environment

This command may be used from outside the ACS environment to execute a command or program, which requires the ACS license, library list and data set. This may be needed to run an ACS program when you cannot sign on to ACS and can not run the ACSSTR command (for example, automatically uploading data from a PC). This command first sets the library list and data libraries in the same way that the ACSSTR command does. It then executes the specified command or program in the ACS environment and then resets the library list back to the way it was.

ACSSTRPGM

CMDSTR(command string)
INSID(version id)
DTASET(data set)
CUSLIB(custom library)
DTAMTR(common data library)

Required parameters:

CMDSTR

Specifies the command or program call along with any parameters.

Optional parameters:

INSID

Specifies the installation or version id for this ACS installation. The default is 2. This is used to select the appropriate libraries to be included in the library list for ACS processing. For example, version 2 would indicate the program library ACSLIB2 and data library ACSDTA2xx. This allows multiple versions of ACS applications to be installed on the same machine.

DTASET

Specifies which data library or set of data libraries is to be used. The default is 01, which indicates data library ACSDTA201 will be set as the current library (*CURLIB) in the library list. If a third character is used (i.e. 01S), this indicates a supplemental or additional data library to be associated with a primary data library. In this case, additional data library ACSDTA201S will be set as the current library and primary data library ACSDTA201 will be added as the next library in the library list. This feature can be used to maintain multiple sets of application files that use the same program library but entirely separate data libraries (i.e. secured payroll). See also ACSCHGDTAS.

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CUSLIB

Specifies an additional user custom program library to be included in the library list. The default is *SYSOPT which means the library name may be found in the system options file under system option UBS-LIBR (see ACSUPDOPT). The library name in this system option is limited to 8 characters. If an asterisk * is entered as the first character, then the following 4 characters xxxx will be appended to ACSCUSxxxx as the library name. This library is for user written custom programs to be used with the ACS system. This should not be confused with the SolutionWare custom program library ACSCUSxxx (xxx is a SolutionWare customer abbreviation) that is for SolutionWare written custom programs and is automatically included in the library list if needed.

DTAMTR

Specifies an optional master data library to be included in the library list. The default is *SYSOPT which means the library name may be found in the system options file under system option UBS-MLIB (see ACSUPDOPT) A full ten character library may be specified, but If an asterisk * is entered as the first character then the following 4 characters xxxx will be appended to ACSDTMxxxx as the library name. This library is for common data files to be used with the ACS system across multiple datasets. See ACSWRKSPLF for typical usage.

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JOB: Data Sets

Step. AC SCHGDTAS - Change data sets

This command resets the library list used by ACS applications to use a different data library or a different set of data libraries.

```
AC SCHGDTAS
    DTASET(data set)
```

Optional parameters:

DTASET

Specifies which data library or set of data libraries is to be used. The default is 01, which indicates data library ACSDTA201 will be set as the current library (*CURLIB) in the library list. If a third character is used (i.e. 01S), this indicates a supplemental or additional data library to be associated with a primary data library. In this case, additional data library ACSDTA201S will be set as the current library and primary data library ACSDTA201 will be added as the next library in the library list. This feature can be used to maintain multiple sets of application files, which use the same program library but entirely separate data libraries (i.e. secured payroll).

Step. AC SLSTDTA - List Data Files

This command prints or displays a list of files in the specified library. This list shows the file names and descriptions, member names and descriptions, # records, disk space used and more.

```
AC SLSTDTA
    FILES(library-name/file-name)
    MBR(member option)
    FILEATR(attribute)
    OUTPUT(output)
```

Required parameters:

FILES

Specifies the qualified name of a file to be listed, the generic name of several files to be listed or *ALL files in the specified library or library list.

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Optional parameters:

MBR

Specifies if *ALL members are to be listed or only the *FIRST or *LAST member is to be listed. The default is *ALL members.

FILEATR

Specifies if *ALL files are to be listed or only physical files (*PF) or only logical files (*LF) are to be listed. The default is *ALL files.

OUTPUT

Specifies if the output is to be displayed on the workstation screen (*) or printed to a printer (*PRINTER). The default is (*) to display to the workstation screen.

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Step. ACSCRTLIB - Create/Update Additional Data Library

This command is used to create an additional data library and copy file definitions into that library or update the file definitions in an already existing additional data library. Only file definitions are copied, no data records are copied.

ACSCRTLIB

DTALIB(library-name)

FRMLIB(library-name)

FILE(file-names)

Required parameters:

DTALIB

Specifies the name of the additional data library to be created. Enter the full name ACSDTAvddx where v is the version id and ddx is the data set id (i.e. ACSDTA201S). See command ACSCHGDTAS for a discussion of data set ids.

Optional parameters:

FRMLIB

Specifies the library name where file definitions are to be copied from. The default is *CURLIB which is your current data library when signed on to ACS applications.

FILE

Specifies a file or list of files, a generic file name or list of generic names or *ALL files in the specified from-library to copy file definitions to the new library. The default is *ALL files.

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Step. ACSCPYXTB - Copy Payroll Tax Tables to Additional Data Library

This command copies the APY payroll tax tables to an additional data library. If payroll tax tables already exist in the additional data library, new tax tables are added and existing tax tables are updated. Customer entered tax tables are retained.

ACSCPYXTB

DTALIB(library-name)

FRMLIB(library-name)

FRMMST(master option)

Required parameters:

DTALIB

Specifies the name of the additional data library where system options are to be copied.

Optional parameters:

FRMLIB

Specifies the library name where system options are to be copied. The default is *CURLIB which is your current data library when signed on to ACS applications.

FRMMST

Specifies the whether the tax tables are to be copied from a customer tax table file or a SolutionWare master tax table. *CUSTOMER indicates the tax table is to be copied from file APYLPTAX. *MASTER indicates the tax table is to be copied from file APYLM TAX. The default is *CUSTOMER.

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JOB: System Options and Codes & Tables

Step 1. ACSUPDOPT - Update System Options

This command allows the maintenance or inquiry of the system options file. It is recommended that no other workstations or batch jobs are active while updating the system options.

ACSUPDOPT
MODE(action)

Required parameters:

MODE

Specifies the action to be performed. *UPDATE indicates that you want to enter or update system options. *INQUIRY indicates that you only want to look at system options (only option 5 will be valid). The default is *UPDATE.

When the command is initiated the operator will be presented with a screen similar to the following example;

```
*USER                               System Options                               ACSRG042 1
*UPDATE                              ACSDTA201
System Option Name. . . . : _____

Type options or enter new values, Press Enter.
 2=Change      5=Display
  System      Current Value+
Opt Option    /Default Value
- ABR         YES                BANK ACCT RECONCIL. INSTALLED?
- ABR-GDTL    DETAIL             POST G/L TRANS IN DETAIL
- ABR-GLGN    YES               GENERATE G/L TRANSACTIONS
- ABR-GLSY    AGL               G/L SYSTEM ID TO INTERFACE TO
- ABR-JOBD    *USRPRF           JOB DESCR FOR SUBMITTED JOBS
- ABR-SEFT    DETAIL           SUM OTHER SYST EFT'S BY DATE
- ABR-SVPR    *NO              SAVE REPORT SPOOL FILES?
- ACS-ACH#    *LDASLOT          LAST A.C.H.DETAIL LINE # USED
- ACS-ACHB    *LDASLOT          LAST A.C.H.BATCH # USED
- ACS-ACHD    /EFILE           ACH IFS DIRECTORY
- ACS-ACHF    ACH.TXT          ACH IFS FILENAME
- ACS-ACHM    ABCDEFGH         A.C.H. FILE ID MODIFIER CODES
                                           More...

F3=Exit      F5=Refresh      F8=Hide/Show Fld atr      F9=Lookup +
```

From this screen the operator may chose to either position to a particular system option name, request the change (option=2) of a system option value, or display

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(option=5) the current value and parameters pertaining to a system option name. Multiple changes and or displays may be specified at one time. Pressing function key 8 (F8) will display additional data on each system option name line (without displaying an individual system name with an option 5). Pressing function key 9 (F9) with the cursor positioned at a system option name will initiate a display like the following example;

This screen with the displayed sub window allows you to select from a list of valid or suggested values to be placed in the current value of the system option name. This display also gives you a brief description of what the value settings mean. The selected or entered value will be edited as to validity according the system options edit parameters. These edit parameters can be noted on the display of the system option name when option 2 is initiated. The following is a sample of the screen displayed when a 2 option is requested;

```
*USER                      System Options                      ACSRG042 2
*UPDATE                    ACSDTA201
System Option Name. . . . : ABR
Description. . . . . BANK ACCT RECONCIL. INSTALLED?
Memo . . . . .

Type new current value, press Enter.
Value Type . . . . . *LIST
Current Value . . . . . YES _____ +
Default Value. . . . . NO
Lowest Valid Value . . . .
Highest Valid Value. . . .
Field: Char/Dec Pos/Type . 3 A
      Fill/Justify. . . . B L

F3=Exit      F5=Refresh      F9=Lookup +      F12=Cancel      Roll up/down
```

The fields displayed on this screen control value editing during the setting of a current value for a system option name:

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Value Type

- *LIST = Value for the system option must be selected from the predefined list associated with this option.
- *SINGLE = Value for the system option is a value to be specified by choice that meets the edit requirements for field type, length, and justification. Any values listed for the system option are only examples and/or suggestions.
- *RANGE = Value for the system option is a value to be specified by choice that meets the edit requirements for field type, length, justification and range criteria. Any values listed for the system option are only examples and/or suggestions.

Current Value

The value currently selected for this system option name to control system choices or operation.

Default Value

The value that will be selected for this system option if no value is entered.

Lowest & Highest Valid Values - The low and high value range for valid values which may be entered for this system option name.

Field Characteristics -

Maximum number of characters: 1 to 32

Number of decimal positions in a numeric field: 0 to 9

Type of field: A = alphanumeric, N = numeric

Fill option: B = blank fill, Z = zero fill

Justify option: L = left justify, R =right justify

All of the parameters on this screen are predefined and controlled by the system module software, except for the Current Value, which is determined and set by the customer.

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Step 2. ACSLSTOPT - List System Options

This command prints a list of the system options.

```
ACSLSTOPT  
LSTOPTS(list-option)
```

Optional parameters:

LSTOPTS

Specifies if the system options for user exits are to be listed. *EXITS indicates that they are to be listed. Blank indicates that they are not listed. The default is blank.

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Step 3. ACSUPDCDTB - Update Codes & Tables

Codes and Tables are used throughout the system. This file is distributed with our yearly update. Codes and Tables are maintained at two different levels. The first is Codes and Tables Master, which are maintained exclusively by SolutionWare. The Codes and Tables Master "Options Changeable" field tells the user whether the Codes & Tables Options are user changeable (*YES), the user may only add (*ADD) options or the user may only view the Codes & Tables Options. The second level is the Codes and Tables Options. There are two types of Codes and Tables Master's: the first defines the System Module. The three character system name along with a blank Codes & Tables field defines the System Module name. The second type uses the System Module along with a 1-10 character Codes & Tables entry to define a Master record. The Codes & Tables entry is further defined at the Codes & Tables options level.

```

                                Codes and Tables Master Maintenance                                ACSR010 1
*TEST
System Module . . . . . ____
Codes & Tables. . . . . _____

Type options, press Enter.
  1=Select Options      5=Display      2=Change      3=Copy      4=Delete
System Codes &         Codes & Tables         Options      Field
Opt Module Table      Description           Changeable  Lnth
_ ABR                BANK RECONCILIATION
_ ABR AUTOXFER        Automatic Transaction Account Transfer o *NO          1
_ ABR BCDE            Bank Activity Code          *YES         3
_ ABR CHKREQD        Check Number Required Code   *NO          1
_ ABR CSTCTR          Cost Center Optional Code    *NO          1
_ ABR DEPNACCT        Bank Account is a Dependent Account *NO          1
_ ABR MULTCOMP        Multi-company Account Code   *NO          1
_ ABR POSTGL          Post Transaction to G/L      *NO          1
_ ABR REGSIGN         Register Sign Code           *NO          2
_ ABR SRCSYSTEM       Source System Modules        *NO          3

F3=Exit      F5=Refresh      F6=Add                                More...
```

Opt

Choose 1 to maintain or display the selected Codes & Tables options.

System Module

The three character abbreviation for the different System Modules.

Codes & Table

The one to ten character abbreviation for the various codes and tables.

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Codes & Table Description

Brief description of the Codes & Table Master. There is a Full Description available when selecting option 5.

Options Changeable

Lets a user know whether this Codes & Table is maintainable or only viewable.

*YES – user options can be added and some are changeable.

*ADD – User may add new options only.

*NO – user may only view options.

CODES & TABLES OPTIONS

UPDATE	Codes and Tables Options Maintenance	ACSRG011 1
*TEST		
System Module ABR Bank Activity Code		
Codes & Tables. . . . BCDE Bank Activity Code		
Code Option		
Type options, Press enter.		
2=Change 3=Copy 4=Delete 5=Display		
Code (03) Option		
Opt Option	Description	Changeable?
– #WS	DAILY SALES DEPOSIT	*CR N N N
– ACH	ACH PROCESSING FEE	DB N
– ADD	MISCELLANEOUS ADDITION	CR N
– ATD	ATM DEPOSIT	
– ATM	ATM/CHECKCARD WITHDRAWL	
– CCC	CREDIT CARD CHARGE	
– CCD	CREDIT CARD DEPOSIT	CR N
– CCF	CREDIT CARD FEES	
– CHK	CHECK ISSUED	*DB Y D CDCK N
– CI	CHECK ISSUED	*DB Y D CDCK N
F3=Exit F5=Refresh F6=Add mode F8=Fold/Unfold More...		

Maintenance of the information is on a line by line basis. The presence of the “F6” function key means that the user may “Add” and maintain new Codes & Tables options. If the changeable option on a line is “*NO”, then that line is maintained exclusively by SolutionWare. If the line is changeable “*YES”, then it is user changeable. In most cases only the description may be changed. If however there are other fields to be updated then a user may take an option “2” to change those additional fields.

Code Option (xx)

This option is defined at the Codes & Tables Master level as to the maximum number of characters a user may enter.

Business Info-Solution

Option Description

A description of the option.

Step 4. ACSLSTCDTB - List Codes & Tables

This option will list the Codes and Tables file. This printout is designed to be printed on a laser printer. It is predefined to print on 8 ½ by 11 inch, portrait orientation at 6 lines per inch high and 10 characters per inch wide. It lists Codes and Table Master Records followed by each of its respective Codes and Tables Options. Here is an example of the first page:

Cross Systems	Codes and Tables File	Date 12/22/06 15:07	Page 1
	*TEST		ACSRG013
System Codes and Module Table Option	Description	Field Codes	Length Chngbl

ABR	BANK RECONCILIATION		*NO

ABR	AUTOXFER	Automatic Transaction Account Transfer option	1 *NO
	N	Transaction is not an automatic account transfer	*NO
	Y	Transaction is an automatic account transfer	*NO
ABR	BCDE	Bank Activity Code	3 *YES
	#WS	DAILY SALES DEPOSIT *CR N N N	*NO
	ACH	ACH PROCESSING FEE DB N	*YES
	ADD	MISCELLANEOUS ADDITION CR N	*YES
	ATD	ATM DEPOSIT	*YES
	ATM	ATM/CHECKCARD WITHDRAWL	*YES
	CCC	CREDIT CARD CHARGE	*YES
	CCD	CREDIT CARD DEPOSIT CR N	*YES
	CCF	CREDIT CARD FEES	*YES
	CHK	CHECK ISSUED *DB Y D CDCK N	*NO
	CI	CHECK ISSUED *DB Y D CDCK N	*NO
	CKO	CHECK ORDER PRINTING CHARGE DB N	*YES
	CR	PAYMENT RECEIVED *CR N D JVAJ N	*NO

Business Info-Solution

Step 5. ACSUPDTBL - Enter/Update ACS Company-Tables File

This command allows the maintenance of the Company-Tables files. It is used to store reference information of different types used by various applications. The tables have a common key format but each has a unique data layout. The record type is used to select the format needed for a particular table.

The following fields are common to all entry formats:

Company Id

Two-character company id associated with this company-table.

Table Id

Three-character identification code of the table to be used. The documentation for the specific application will indicate the table id to be used for a particular function. This field is specified during the option selection on a company to be changed.

Entry

Four-character value in the table to be added or updated. In most cases this field is defined by the user.

Sequence

One-character line sequence if additional lines are needed for a particular entry. In most cases this will be blank.

The following describes individual tables and options:

COMPANY DATA

Option: 02

This file is used to define which companies are valid to be used in defining further table entries.

Inactive Code

One-character code indicating if company definition is either I=inactive or blank=active.

Company name

Two, thirty-character fields defining the name of the company name.

Company address

Two, thirty-character fields specifying the street address of the company being defined.

Business Info-Solution

Company city, state, zip code

Twenty-character city field, two-character state postal abbreviation, and up to nine-digit zip code for the company.

Voice Phone #

Twenty-character company voice phone number field.

Fax Phone #

Twenty-character Company fax phone number field.

Data Phone #

Twenty-character system data phone number field.

Federal Tax Id

Fifteen-character federal tax id assigned to the company by the federal government.

State Tax Id

Fifteen-character state tax id assigned to the company by the state government where the company is located.

Contact Name or Comment

Forty-character field defining an employee contact name for the company defined, or can be used as a comment field only.

Fiscal Year End Period

Two-digit value from 01 to 13 defining the ending general ledger period in the fiscal year for this company.

E-Mail Address

Sixty-four-character field specifying an official contact electronic mail address to which information may be forwarded for this company.

ADDITIONAL CHARGES - CHG

Option: 61

This table is used by Order Entry to describe charges other than detail line items. (See BOECLUORD).

Charges Description

Thirty-character description of the charge.

Tax Exempt

Enter "Y" if sales tax is not to be computed on this charge.

Additional Charges Income

Six-digit major, six-digit subsidiary, and six-digit cost center default General Ledger Account where the credit will be booked.

Additional Charges Expense

Six-digit major, six-digit subsidiary, and six-digit cost center default General Ledger Account where the debit will be booked.

Business Info-Solution

(See General Ledger Interface section in Order Entry)

NOTE: There are four Additional Charges codes that have specific meaning to the system and must be defined. They are:

- SLTX-Sales tax
- CSLT-Consignment sales tax
- DISC-Discount
- PYMT-Payment

CREDIT MESSAGE - CRM

Option: 63

Table entry specified in the Accounts Receivable Customer Master file to indicate a message to be displayed by the order maintenance program.

Credit Message

Twenty-character text or message to be displayed.

Blink Msg

Enter 'B' if message should blink when displayed.

Credit Limit

Nine-digit, zero decimal default credit limit dollar amount. If the credit limit in the customer master is zero the amount specified here will be used.

CUSTOMER TYPE - CUT

Option: 62

Order Entry and Accounts Receivable use this table to determine customer type and pickup default account numbers.

Sequence

Leave blank when entering customer type description, customer group, first four accounts. Enter "1" to enter Accounts Receivable asset and expense accounts.

Customer Type Description

Thirty-character description of the Customer Type.

Customer Group

Four-character grouping of multiple customer types, used for subtotaling on sales reports.

General Ledger Accounts

See General Ledger interface section in Order Entry.

Business Info-Solution

Sales, Discount, Return, and Cost of Goods are entered with sequence blank. Accounts Receivable asset and expense are entered in the first two account fields with sequence 1.

F.O.B. POINT - FOB

Option: 69

An FOB code may be entered instead of the FOB destination on the Order Entry Shipping Status screen. (See BOECLUORD).

Data Line 1

Enter twenty-character FOB destination.

SHIPPING EXCEPTION - SHX

Option: 65

This table is used on the Order Entry detail screen to cancel the line, or cancel a backorder, or to code a notation to be printed on the invoice (see BOECLUORD).

Shipping Exception Message

Twenty character explanation of the exception. This will be printed on the customer invoice.

Cancel Option

One character code used to control processing of this exception.

Valid codes are:

C—cancel the line. This may be used instead of line delete to record the fact that an attempt was made by a customer to order the item;

B—cancel a backorder. If the item on the line was backordered, this code is used to cancel that backorder,

I—inventory return exception. This code is used to indicate that an item on a return order is not to be placed back into inventory.

COG Offset Account

Six-digit major, six-digit subsidiary, six-digit cost center account number is used if the preceding Cancel Option code is "I". In this situation, the Cost of Goods account is credited, however since the item is not returned to inventory, the account specified here is used to offset COG.

Business Info-Solution

SALESMAN - SLM

Option: 66

Used by Order Entry to retrieve Salesman name. (See BOECLUORD)

Salesman Name

Twenty-character salesman's name. If split sales are entered, the first 10 characters of the name will be used.

ORDER MAINTENANCE USER LIST - SCR

Option: 67

The Order Entry Maintenance program uses this table to determine operator security level (See BOECLUORD)

Security Code

One-digit code for this user group.

Max Discount/Markup %

Three-digit maximum discount or markup percentage of standard price vs. selling price allowed for this user group.

Cost Display

One to three character code indicating which of the three cost fields maintained by the system are to be displayed on the Inventory Inquiry screen. Valid Entries Are:

A - Average Cost

S- Standard Cost

L - Last Cost

Any combination of the three codes (or none) is accepted.

TERMS - TRM

Option: 64

The terms code is used by Order Entry to define the type of order being processed and the terms being extended to the customer. (See BOECLUORD)

Terms Description

Twenty-character terms of the sale being extended to the customer. (e.g., 2/10 NET 30, NET DUE UPON RECEIPT, RETURN).

Order Type

One-character code defines to the system how the order is to be processed. Valid entries are:

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Blank-regular order
C-consignment
M-credit memo
O-over the counter, cash
P-prepaid
R-return.

Days Net Due

Three-digit number of days from invoice date until payment is due.

Days Discount Due

Two-digit number of days from invoice date that a cash discount will be allowed.

Discount Percent

Two-digit cash discount allowed stated as a percentage of the invoice total less tax and freight. Cash discount message will be printed on the customer invoice if this field is non-zero and system option BOE-COMG is 'YES'.

NOTE: Days Net Due, Days Discount Due, and Discount Percent are passed to Accounts Receivable, however Accounts Receivable does not automatically enforce terms or apply discount.

SHIP VIA DESCRIPTION - VIA

Option: 6A

This is used by Order Entry to facilitate entry of the shipper. (See BOECLUORD).

Data Line 1

Thirty-character name of the freight company used to ship the order.

LEAVE CODE DEFINITION - LEV

Option: 68

This leave code is used by Human Resources to define the acceptable coding for leave attendance transactions. (See HRMCLLVTR).

Leave Category

One-character code defining which leave category this code pertains to. A value from 1 thru 6.

Paid Leave

One-character code defining whether this leave taken is paid or not.

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Category Description

Ten-character description describing the leave transaction code.

Leave Accrue Interval

Four-character leave accrual interval coding.

Leave Interval Code

One-character leave interval code.

Reset Leave

Four-character reset leave coding.

Minimum Length of Service

Three-digit number of days for minimum service to qualify for the leave benefit.

Minimum Full Time Equivalency

Three-digit minimum full time equivalence value that must be met to qualify for the benefit.

Carryover Days

Four-digit number of days allowed to carry forward from one benefit year to the next.

Carryover Limit

Four-digit maximum number of days that can be carried forward into a new benefit year.

Suspend Leave Accrual on LOA

One-character option to suspend leave accrual when employee goes on a leave of absence.

Leave Rounding Factor

Three-digit two decimal place leave calculation rounding factor.

Half Adjust Leave Option

One-character option for half adjusting leave calculations.

Accrue This Category Option

One-character code specifying if this leave category is to be accrued.

Payroll Leave Code

One-character code specifying to which payroll leave total this category translates.

Step 6. ACSLSTTBL - List ACS Tables File

This command prints a list of the Tables File listing the different tables and records in each table.

Business Info-Solution

JOB: Save, Reorganize, and List Data Files

Step 1. ACSCLSVL - Save All Data Files

This command saves all data files from the current data set library or libraries to tape. The operator will be prompted for device id, volume id, expiration and compression options and library verification. Defaults are provided from system options.

Step 2. ACSCLRSAL - Restore All Data Files

This command restores from tape to the current data set library or libraries, all data files that were saved using the ACSCLSVL command. The operator will be prompted for the volume id and library name for verification and device id to restore from. The files being restored should not exist on the system before running this procedure.

Step 3. ACSCLSVSEL - Save Data Files by Group

This command saves data files by application module group from the current data set library to tape (for discussion of data sets, see command ACSCHGDTAS). The operator will be prompted for each group whether or not to save that group. The operator will also be prompted for device id, volume id, expiration, compression options and whether to DELETE libs after SAVING them. Defaults are provided from system options. The operator can optionally delete the files from disk by group after they have been saved to increase available disk space or to clear the way for a restore.

***** CAUTION ***** Care should be exercised when requesting the delete option. The operator should ensure that all files of the group being deleted are saved on a non-defective media BEFORE requesting the delete option. NO RECOVERY of deleted files is possible without a valid backup copy.

Step 4. ACSCLRSSEL - Restore Files by Group

This command restores data files by application module group from tape to the current library (*CURLIB) in the library list. These files must have been saved using the ACSCLSVSEL command. The operator will be prompted for each group whether or not to restore that group. The operator also will be prompted for

Business Info-Solution

the device id to restore from. The files being restored should not exist on the system before running this procedure.

***** CAUTION ***** Careful attention should be given to the current data set when restoring files by group and using additional data libraries. Notice that files are restored to the current library (*CURLIB) in the library list. This will be the first library indicated by the current data set. (For example, for data set 01S this would be library ACSDTA201S, for data set 01 this would be library ACSDTA201). If you were using data set 01S when you saved a group of files, the group may have come from library ACSDTA201S or ACSDTA201. If you then restore the group while using the same data set 01S, the group will be put in ACSDTA201S, which may be different than where it was saved. In this case, you may need to change your data set to 01 before restoring, in order to put the files back in the same library. For a discussion of data sets, see ACSCHGDTAS.

Step 5. ACSFCPY - Reorganize Data Files by Group

This command reorganizes physical file members of data files in the current library (*CURLIB) of the library list by application groups. This process removes deleted records to increase available disk space. It also reorganizes records by key if the file has a keyed sequence access path. This may improve file-processing performance.

```
ACSFCPY  
      PKGNAM(group-list)
```

Required parameters:

PKGNAM

Specifies a list of application groups (i.e. AGL, APY, etc.) whose files you want to be reorganized.

Step 6. ACSRGZPF - Reorganize a Data File

This command reorganizes physical file members of a data file in the current data set library or libraries. This process removes deleted records to increase available disk space. System deleted records are removed and records marked for deletion by the application programs may also be deleted. This process also reorganizes records by key if the file has a keyed sequence access path. This may improve file-processing performance.

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ACSRGZPF

FILE(file-name)
MBR(member-name)
DLTOPT(delete-option)
DLTCHAR(delete-string)

Required parameters:

FILE

Specifies the qualified file name of the data file whose members are to be reorganized.

Optional parameters:

MBR

Specifies the name of the member or the generic name of a group of members to be reorganized. If *FILE is specified, the member with the same name as the selected data file will be reorganized. If *ALL is specified, all members in the selected data file will be reorganized. The default is *FILE.

DLTOPT

Specifies whether to look for records marked for deletion by application programs and remove them. *NO indicates do not look for marked records. *YES indicates that marked records should be removed (DLTCHAR parameter defines the marked records to look for).

DLTCHAR

Specifies a string of characters controlling the deletion of records, which have been marked by the application programs for deletion. This string combines the record position, relational operator and character string to look for indicating a record marked for deletion. The default is DLTCHAR(1 *EQ D).

Record position—a number from one up to the record length.

Relational operator—*EQ, *LT, *LE, *GT, *GE

Delete code—a character string of any length indicating a record marked for deletion.

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JOB: Miscellaneous Utilities

Step. ACSLICENSE - Maintain ACS License

This command is used to display your ACS license information including name and address, CPU model and serial # and application modules licensed for, license type, expiration, and maximum #of users, and authorization key which specifically authorizes you to use SolutionWare programs. This command is also used to update the name and address information contained in that license and to change the authorization key as directed by SolutionWare.

ADDLIBLE ACSLIB2

ACSLICENSE
FUNCTION(function)

Optional parameters:

FUNCTION

Specifies the license function to be performed by this command. *DISPLAY indicates that the ACS license information is to be displayed. *UPDATE indicates that you want to update the name and address information in the ACS license. *CHANGE indicates that you want to change the authorization key. The default is *UPDATE.

*****CAUTION***** Changing the authorization key should only be done at the direction of SolutionWare personnel. The authorization key is a forty character encoded string which enables SolutionWare programs to run on a specific customers machine. Changing the key incorrectly may cause all SolutionWare programs to become unusable.

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Step. ACSWRKSPLF – Work with Spool Files

This is an enhanced interface to the Work with spool files command. This command which is very similar in function and display to the system WRKSPLF command, but has additional features which are customizable by the user/operator.

ACSWRKSPLF

```
SELECT(*ALL *ALL *ALL *ALL)
OMIT(*NONE *NONE *NONE *NONE)
```

Optional parameters:

SELECT

Specifies which spool files will be selected for display. Selection is defined using the following fields: User id, Output queue name and library, Form Type, and User data.

OMIT

Specifies which spool files will be omitted for display (if they were selected by the previous parameter tests). Omission is done with the same field set as the selection.

USEROPTS

Defines where the options available on the display are obtained. The default for this option uses the options stored for the entire system. The following options are available;

- *SYSTEM —Options are used which are common for the entire system.
 - *DTASET —Options are available only when processing in the dataset currently active. (1)
 - *USER —Options are available only to the current user id. (1)
 - *WRKSTN —Options are used which are available only to the current workstation this job is running at. (1)
 - *CUSLIB —Options are available only when job uses the currently active customer custom library. (1)
 - *JOB —Options are store temporarily only for the active job.
- (1) All names referenced above are assumed to be mutually exclusive.

CHECK

Option to check whether the file that stores user options is to be updated before processing continues. This option should only be specified when requested.

- *NO—do not update the options file
- *YES—update the options file (QUSRSYS/ACSFOP)

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When the command is initiated the operator will be presented with a screen similar to the following example;

```

12/22/06 15:20:57                Work with Spool Files                ACSR550 1
                                *SYSTEM
Type options, Press Enter.
 1=Copy  2=Change  3=Hold  4=Delete  5=Display  6=Release  7=Messages  9=Save
CB=CSV for CBA  CF=CSV-File F/L CS=Create CSV  HR=CSV-BS      IV=Invc IR2200
M1=Chks HP5si  M2=Chks HPiii PD=Create PDF   TX=Create TEXT  ...
pt Spooled  File          Output      Form          Total
File       Nbr  User      Queue        Type          User Data  Sts  Pages  Copy
---
___ QSYSPRT      1  QSECOFR  QPRINT      *STD          CHGLICINF  RDY   1   1
___ QPCSMPT      1  QSRVAGT  QS9SRVAGT  *STD          RDY      17   1
___ QPRINT      190 QSECOFR  QPRINT      *STD          RDY       1   1
___ QSYSPRT      1  SWLDEMO2 SWLDEMO     *STD          APMRG009  RDY    1   1
___ QSYSPRT      2  SWLDEMO2 SWLDEMO     *STD          BSRRG028  RDY    2   1
___ QSYSPRT      1  SWLDEMO2 SWLDEMO     *STD          BSRRG002  RDY   57   1
___ QSYSPRT      3  SWLDEMO2 SWLDEMO     *STD          APMRG009  RDY    1   1
___ QSYSPRT      4  SWLDEMO2 SWLDEMO     *STD          APMRG008  RDY    1   1
___ QSYSPRT      5  SWLDEMO2 SWLDEMO     *STD          APMRG013  RDY    1   1
___ QSYSPRT      6  SWLDEMO2 SWLDEMO     *STD          APMRG013  RDY    1   1
___ QSYSPRT      7  SWLDEMO2 SWLDEMO     *STD          APMRG015  RDY    1   1
___ QSYSPRT      1  SWLDEMO2 SWLDEMO     *STD          BSRRG002  RDY    1   1
F8=Fold    F5=Refresh    F21=Respool   F23=More Options  More...
F3=Exit    F17=Clear save F9=Save       F16=User options  F24=Show parms
No objects deleted.

```

From this screen the operator may chose to request a new position in the spool files, perform any of the options listed at the top of the screen or run any of the function keys listed at the bottom of the screen.

Entering values in the fields above the columns on the display will request not only a positioning within the spool files but also will sort the display by the column entered.

Pressing function key 8 (F8) will display additional data on each spool file line. Function key 16 (F16) will display the User options file for maintenance. Pressing function key 24 (F24) will display the current selection and omission parameters being used and on what basis the parameters were obtained (by *SYSTEM, *USER, etc.). F3 will exit the Work with Spool Files display and F5 will refresh the status of the display to reflect any changes that have occurred to the spool file since the command was originally requested. Note that the date and time in upper left hand corner denote when command was started.

Multiple options may be specified at one time. Options available include both the system-defined options (2 thru 7) and the user-defined options listed on the 2 lines below them. If the second line of the user-options ends with the characters

Business Info-Solution

“...”, function key 23 (F23) may be pressed to display more user-options that are available.

The following are definitions of the system options always listed on the first line of options on the screen.

- 1 = Copy spool file. Calls ACSCPYSLF command to allow operator to make a copy of the spool file. Operator will be prompted for possible additional parameters.
- 2 = Change spool file. Calls CHGSPLF command to allow operator to make changes to characteristics of the selected spool file.
- 3 = Hold spool file. Calls HLDSPLF command to allow operator to hold print writer from actually printing this selected spool file.
- 4 = Delete spool file. Calls DLTSPFL command to allow operator to delete the spool file.
- 5 = Display spool file. Calls DSPSPLF command to allow operator to view screens showing the contents of the spool file. Not valid for AFP spool files.
- 6 = Release spool file. Calls RLSSPLF command to allow operator to release the spool file to be processed and printed by a print writer.
- 7 = Display message associated with spool file. Allows operator to see messages associated with the spool file that are waiting on message response. This option is only available when the status of the spool file is MSGW.

All other options listed on the two lines below the system-options are User-defined options. These options are shown only after they are setup when function key 16 (F16) has been run.

The following Work with Spool File – User Options screen is shown after pressing function key 16 (F16).

Business Info-Solution

```
Work with Spool File options                                ACSR551 1
User Options                                              *SYSTEM

*OPTION/Cmd Set type . _____
Opt/Name . . . . . _____
Type options, press Enter.
  2=Change      3=Copy      4=Delete      5=Display
                                     CommandSet
Opt *OPTION      Opt      Option Text      Referenced Command...
-  *OPTION      M1      Chks HP5si      *FORMTYPE
-  *OPTION      M2      Chks HPiii     *FORMTYPE
-  *OPTION      PD      Create PDF     *NONE          ?ACSCVTSPLF ?*FROMFILE(+f

F3=Exit      F5=Refresh      F6=Add      F7=Opts/CmdSets

Bottom
```

This first screen lists all available User-options defined according the USEROPTS parameter specified when the ASCWRKSPLF was initiated. The current option set parameter is shown in the upper right hand corner (*SYSTEM in this example).

Options are available to Change (2), Copy (3), Delete (4) and Display (4) all currently defined options shown on the screen. A virtually unlimited number of options can be defined. The only restriction on the name of the option is that it cannot be all numeric. The numeric option numbers are reserved as system defined options.

The F3 key will exit the User option setup screen and F5 will fresh the list of currently defined User options.

The F7 key allows the definition of Command Sets that can be referenced in the option definition. See Command Set description later in this documentation.

The User Options must be first defined with the add function key 6 (F6). The following screen is shown when the add F6 key or Change (2) option is requested.

Business Info-Solution

ADD	Work with Spool File options User Options	ACSRG551 2 *SYSTEM
*OPTION. *OPTION_____		
Option Id. _____ (A-Z,AA-Z9)		
Type information, press Enter.		
Option text. _____ (Required)		
Command Set type/name. . *NONE _____ (*FORMTYPE, *SPLFNAME, *USERDATA, name, *NONE)		
Option parameter 1 (+a). _____		
parameter 2 (+b). _____		
parameter 3 (+c). _____		
parameter 4 (+v). _____		
parameter 5 (+w). _____		
parameter 6 (+x). _____		
parameter 7 (+y). _____		
parameter 8 (+z). _____		
Execution command libr. . *NONE _____ (Name, *NONE)		
Execution command. . . . _____		
_____ (Substitution parameter fields; +f, +l, +n, +u, +2, +o, +l, +d, +t, +j, +q)		
F3=Exit F4=Prompt command F5=Refresh F12=Cancel		

The following is a definition of the fields shown above:

Option Id:

One or two-character id uniquely identifying this option. This field must begin with an alphabetic character A thru Z.

Option text:

Twelve character field that describes the function to be performed by this option when it is specified as a spool file option. Must be non-blank. This text when combined with the option id will be listed on the ACSWRKSPLF display in the following format—option id=option text. Example -- M1=HP5SI.

Command Set:

Command set option. This option specifies how the command to be executed is determined. Options are as follows;

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*FORMTYPE = Command will be looked up using an index value of the form type on this spool file entry.

*SPLFNAME = Command will be looked up using an index value of the spool file name on this spool file entry.

*USERDATA = Command will be looked up using an index value of the user data field on this spool file entry.

Name = Command will be looked up using the value found in this field as an index value.

*NONE = Command used for this option will not be indexed, but is defined on this screen below. The execution library and command fields do not appear until this field has a value of *NONE.

Option parameter 1 thru 8

Eight fields of varying lengths used to define parameter values which can be substituted into the execution command defined by this option. Substitution fields are ten-character in length for fields +a, +b, and +c. Fields +v, +w, +y, and +z are each 50 characters in length.

Execution command library

Ten character field defining any library to be temporarily added to the library list before the options' command is executed. If *NONE is specified no library will be added.

Execution command

Command string of up to 256 characters which will be executed when the option is specified. Pressing F4 will prompt the command. Caution--Prompting may not be valid when using some substitution fields. It is recommended that the command be built and saved without the substitution key fields. Then the substitution key fields can be placed in the command string as a final step. The command string can contain multiple commands separated by the concatenation ("|") character. Sub-commands will be executed in the order in which they occur in the string.

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The following is a list of the valid substitution key fields that can be specified within any command or sub-command string. Fields specifying substitution start with a plus (“+”) character and can be either upper or lower in case. Substituted fields always reference the characteristics associated with the job that created the spool file and not the job currently executing the ACSWRKSPLF command. The number within the parenthesis denotes the potential length of the substituted field:

+f or +F	Spool file name (10)	
+1	Spool file number (4)	
+n or +N	Job name (10)	
+u or +U	User name (10)	
+2	Job number (6)	
+o or +O	Output queue name (10)	
+l or +L	Output queue library (10)	
+d or +D	User data (10)	
+t or +T	Form type (10)	
+j or +J	Job identification (26)	["Job#/User Id/Job Name"]
+q or +Q	Output queue (21)	["Output queue library/Output queue name"]
+a or +A	User option parameter 1 (10)	
+b or +B	User option parameter 2 (10)	
+c or +C	User option parameter 3 (10)	
+v or +V	User option parameter 4 (50)	
+w or +W	User option parameter 5 (50)	
+x or +X	User option parameter 6 (50)	
+y or +Y	User option parameter 7 (50)	
+z or +Z	User option parameter 8 (50)	

Substitution field values are placed into the command prior to any execution or prompt request that is specified in the command string. Command prompting at execution of the command can be specified with a leading question mark (“?”) on the command string.

Optional command parameter prompting and entry can be controlled by the standard command language syntax:

??	=	Parameter displayed and input-capable
?*	=	Parameter displayed and not input-capable, user value passed
?	<=	Parameter displayed and not input-capable, command default passed unless changed
?	-=	Parameter not displayed, user value or command default is passed

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Example command strings:

*DSPJOB JOB(+j) OUTPUT(*PRINT)*

Executes the display job command substituting the job identification string

*?ACSMRGCHK ?*CHKNAME(HR4BAP) ?*FRMOUTQ(+l/+o) ?-FRMSPLF(+f) ?-FRMSPLN(+1) ?-FRMJOB(+j) ?*FRMFORM(+t) ?-FRMUDDTA(+d) ?*TOOUTQ(+b/+a) ?*CPYCNT(0002) ?*CPYOUTQ(+b/+c)*

Executes the ACSMRGCHK command after prompting and opening for input selected parameters for that command. Multiple substitution key fields are made prior to prompting.

The Command Set definition is displayed by pressing function key 7 (F7) from the User Options display. The following display is shown;

```
Work with Spool File options          ACSRG551 1
Command Sets                          *SYSTEM

*OPTION/Cmd Set type . _____
Opt/Name . . . . . _____
Type options, press Enter.
  2=Change   3=Copy   4=Delete   5=Display
  Cmd Set   Name
Opt
_ *FORMTYPE HRAPCK04          ?ACSMRGCHK ?*CHKNAME(HR4B
_ *FORMTYPE HRPYCK04          ?ACSMRGCHK ?*CHKNAME(HR4A

F3=Exit   F5=Refresh   F6=Add   F7=Opts/CmdSets

Bottom
```

This screen shows all reference-able Command Sets defined for this User Options group.

Business Info-Solution

Options are available to Change (2), Copy (3), Delete (4) and Display (4) all currently defined command sets shown on the screen. A virtually unlimited number of command sets can be defined and referenced.

The F3 key will exit the User Option setup screen and F5 will fresh the list of currently defined Command Sets.

The F7 key allows the return to definition of User Options that can be reference these Command Set definitions. See User Options description earlier in this documentation.

The Command Set must be first defined with the add function key 6 (F6). The following screen is shown when the add F6 key or Change (2) option is requested.

```
ADD                               Work with Spool File options          ACSR551 2
                                   Command Sets                *SYSTEM
Command Set type . . . _____ (*FORMTYPE,*SPLFNAME,*USERDATA,*CMDSET)
Command Set name . . . _____ ( formname, filename, userdata, name )

Type information, press Enter.
Execution command libr . *NONE      (Name, *NONE)
Execution command. . . . _____

_____

_____

The above command may contain subcommands separated by an exclamation
(!) character. Any sub command may be prompted at execution time by
preceding it with a question mark (?) character. Execution time
substitution parameters can be specified with a plus (+) character
followed by field code. See documentation for information and field
codes values. Some keywords require values to be enclosed with quote
characters (" or '). Keyword parameters can be prompted by proceeding
them with the ?*, ?>, ?_, or ?? characters.
(Substitution parameter fields: +f,+l,+n,+u,+2,+o,+l,+d,+t,+j,+q)

F3=Exit    F4=Prompt command    F5=Refresh    F12=Cancel
```

The following defines the fields that may be entered to define the Command Set;

Command Set type

Ten character fields that define which type of Command Set is being described. This identifies which type of index field will be used to lookup against this command set name which follows. The following are the valid values for this field;

Business Info-Solution

- *FORMTYPE = Indexed by Form Type in spool file attributes
- *SPLFNAME = Indexed by spool file name
- *USERDATA = Indexed by User Data in spool file attributes
- *CMDSET = Command Set referenced by name in User Option definition

Command Set name

Ten character field naming the command set defined.

Execution command library

Ten character field. Same definition as specified in User Option definition entry above.

Execution command

Command string of up to 256 characters. Same definition as specified in User Option definition entry above.

Business Info-Solution

Step. ACSMRGCHK – Merge Checks with EZPRINT check forms

This command provides a simplified command interface to the EZPRINT (ACOM) check forms command MRGCHK. See ACOM documentation for the explanation of the included parameters for this ACS command. All the parameters made available in the ACSMRGCHK command can be determined by prompting the command with F4 and pressing F10 to see all additional parameters.

The following is a sample call of this command;

```
ACSMRGCHK  
  CHKNAME(APCHECKS)  
  FRMOUTQ(MYLIB/MYOUTQ)  
  FRMSPLF(CHECKS)  
  FRMSPLN(0001)  
  FRMJOB(*)  
  FRMFORM(APCK01)  
  FRMUDTA(BAPRG008)  
  TOOUTQ(QGPL/HP5SI)  
  CPYCNT(0002)  
  CPYOUTQ(SAVLIB/SAVCHK)
```

Business Info-Solution

Step. ACSMRGFRMS – Merge Forms with EZeDocs/400 eForms

This command provides a simplified command interface to the EZeDocs/400 (ACOM) eForms command MRGFRMSPL. See ACOM documentation for the explanation of the included parameters for this ACS command. All the parameters made available in the ACSMRGFRMS command can be determined by prompting the command with F4 and pressing F10 to see all additional parameters.

The following is a sample call of this command;

```
ACSMRGFRMS
  FRMNAME(INVSTMT)
  FRMOUTQ(MYLIB/MYOUTQ)
  FRMSPLF(STATEMENTS)
  FRMSPLN(0001)
  FRMJOB(*)
  FRMFORM(INVC01)
  FRMUDTA(BBIRG001)
  TOOUTQ(QGPL/HP5SI)
  FRMPAGE(1)
  ENDPAGE(9999999)
  DRAWER(1)
  SAVORIG(*YES)
  MOVOUTQ(*LIBL/MYQUE)
  MRGFORM(*STD)
  MRGHOLD(*NO)
  MRGSAVE(*NO)
  CPYCNT(0001)
  PGLENG()
  PGWDTH()
  PAGRTT()
  LPI()
  CPI ()
```

Business Info-Solution

Step. ACSFTPSES – FTP Session Conversation

This command provides a means to define and execute an FTP conversation with a remote FTP server. FTP commands are stored in script member stored in a source physical file with a data length of 132. Sample default file name is ACSFFTPC with member name ACSFFTPC. A log file is created in the same library as the script file which is utilized with the name ACSFFTPL. The members in the log file are kept by target server name or job number.

Script files contain both fixed commands and variable names which will be substituted at execution time subject to the parameters passed during execution.

Variables include the following:

<USERID>	Userid specified by parameter or prompt
<PASSWORD>	Password for user specified by parameter or prompt
<XMTFILE>	Transmit file name passed by parameter
<XMTLIBR>	Transmit file library passed by parameter
<SYSTEM>	System name from O/S, eight characters
<SYSNAME>	Server location name, forty characters
<CUSTOMER>	Server customer location name, ten characters
<SNDUSRID>	Userid that is running the command
<SNDDATE>	Date of run, six digits, mmddyy
<SNDTIME>	Time of run, six digits, hhmmss
<TODAY>	Today's date, eight digits, mmddyyyy
<YESTERDAY>	Yesterday's date, eight digits, mmddyyyy
<TOMMOROW>	Tomorrow's date, eight digits, mmddyyyy
<XMTDIR>	Directory path name to send file to, 64 characters
<XMTSTMF>	File name to send file to, 64 characters
<XMTSTRING>	Miscellaneous character string, 64 characters

Command may be run in interactive or batch mode. If run in batch mode no command prompting will occur and all parameters and variables must be supplied at command entry for specifying target server, user and files to be transmitted. With interactive mode of operation the operator is allowed to tailor parameters at execution to complete parameter specification. In either case scripts must have been previously defined to complete the execution of the FTP conversation.

Business Info-Solution

The following are sample calls of this command;

ACSFTPSES

```
SCRIPTFIL(*DTAMTR/ACSFFTPC)
SCRIPTMTR(ACSFFTPC)
TGTSVR(*SELECT)
MODE(*INTER)
```

ACSFTPSES

```
SCRIPTFIL(*DTAMTR/MYSCRIPTF)
SCRIPTMTR(ACSFFTPC)
TGTSVR(ABCSVR01 DOMAIN.COM *NONE JDOE HISPWD)
MODE(*BATCH)
```

Step. ACSFTPLOG – FTP Conversation Log

This command provides a means to review and/or clear conversation logs generated during the ACSFTPSES command.

Business Info-Solution

JOB: Maintenance of Companies

Step 1. ACSCLWCMP—Work with Companies

Company information used in Funds Transfer is maintained in this procedure. The companies entered here will also be displayed when company lookup is selected in Bank Accounts and Funds Transfer Definitions. All required company information must be entered into the Cross Systems Company Master before Bank Accounts for the company or Funds Transfer Definitions can be created and before any Funds Transfers can be processed.

Company maintenance requires that you enter data for the company id, company name, and federal tax id fields. Additionally, you may maintain company address, city, state, zip code, country, phone, fax, modem, email, comment/contact and state tax id fields. Processes are provided to synchronize Cross Systems Company Master information with Accounts Payable Company Master and Payroll Company Master.

Each company will have only one Cross Systems Company Master record.

```
Work with Companies                                ACSRG201 1
                                                    JSMITH
Company Id . . .  _
Name . . . _____

Type options, press Enter.
  2=Change   4=Delete   5=Display   6=Bank Accts   7=Tables
Company
Opt Id Name          AP PY Comment/Contact
-  01 ABC COMPANY    Y  Y  JANE DOE
-  02 ACME COMPANY    Y
-  03 XYZ COMPANY     Y

F3=Exit      F5=Refresh      F6=Add      F10=Sync AP      F11=Sync PY      Bottom
```

Business Info-Solution

Function Keys used in Cross Systems Work with Companies are:

F3—Exit Work with Companies

F5—Refresh display

F6—Add new company record

F10—Synchronize with Accounts Payable Company Master*

F11—Synchronize with Payroll Company Master*

Options available on each Cross Systems Work with Companies line are:

2=Change	Change information about this company
4=Delete	Delete this company from Cross Systems
5=Display	Display this company information
6=Bank Accounts**	Display Bank Accounts for this company
7=Tables	Display Tables for this company

*Function Keys F10/F11—(See Step 2.)

**Option 6—Display Bank Accounts

Displays the Work with Bank Accounts screens. However, only current bank accounts and account information for this company will be displayed. (For information about these screens, see “Step 2. Work with Bank Accounts” under “JOB: Maintenance of Banks”) Although each bank account is “owned” by one company, bank accounts are associated with a single bank. Bank accounts can only be added or updated when accessed through the Work with Banks procedure.

The following is a field by field description of the Work with Companies screen:

Company Id

Two-character field identifying the Cross Systems company.

Company Name

Thirty-character field containing the primary Cross Systems company name.

AP—Accounts Payable Company flag

Y = Company Id found in Accounts Payable.

PY—Payroll Company flag

Y = Company Id found in Payroll.

Comment/Contact

Forty-character field containing comment or contact information.

Business Info-Solution

```
ADD                                Work with Companies                ACSR201 2
                                      JSMITH

Company Id . . . __

Type information, press Enter.

Company Name1 . . . _____
Name2 . . . _____
Address Line 1 . . . _____
Line 2 . . . _____
Line 3 . . . _____
City/St/Zip+4. . . _____ + 00000 0000
Country Id . . . . . __ +
Phone Number . . . . . _____
Fax Number . . . . . _____
Modem Number . . . . . _____
E-mail . . . _____
Comment/Contact . . . _____
Federal Tax Id . . . _____ FT Originator: ICD 0 CoId 0000000000
State Tax Id . . . . . _____

F3=Exit      F5=Refresh      F9=LookUp(+)      F12=Cancel
```

Function Keys used in Work with Companies—Add/Update/Display are:

- F3—Exit Work with Companies—Add/Update/Display
- F5—Refresh display
- F9—Lookup/Select available field values
- F12—Cancel Work with Companies—Add/Update/Display

The following is a field by field description of the Work with Companies—Add/Update/Display screen:

Company Id

Two-character field identifying the Cross Systems company.

Company Name1

Thirty-character field containing the primary Cross Systems company name.

Company Name2

Thirty-character field containing continuation of the primary Cross Systems company name.

Address Line 1, 2, & 3

Three thirty-character fields containing the company mailing/location address—number, street, suite, box, etc.

Business Info-Solution

City/State/Zip+4

Twenty-character field containing the city.

Two-character field containing state abbreviation code.

Five-digit field containing the zip code.

Four-digit field containing the zip code extension.

Country Id

Two-character field containing country abbreviation code.

Phone Number

Twenty-character field containing the company phone number.

Fax Number

Twenty-character field containing the company fax number.

Modem Number

Twenty-character field containing the company modem number.

E-mail

Sixty-four-character field containing the company e-mail address.

Comment/Contact

Forty-character field containing additional reference information about company, contact person's name, etc.

Federal Tax Id

Fifteen-character field containing required federal tax identification for this company. Usually the nine-digit IRS Federal Employer Identification Number (FEIN).

FT Originator Company Identification

Ten-character code containing the mandatory Originator Company Identification used in funds transfers. This code is automatically calculated by combining ICD code "1" with the first nine digits of the federal tax id. ICD code "1" identifies the Company Identification number as the IRS Federal Employer Identification Number (FEIN).

ICD. One-digit ANSI Identification Code Designator.

1— * IRS Federal Employer Identification Number (FEIN)

3—N/A Data Universal Numbering System (DUNS)

9—N/A User Assigned Number

Company Id. Nine-digit FEIN (1st nine numerals of Federal Tax Id)

State Tax Id

Fifteen-character field containing state tax identification for this company.

Business Info-Solution

Step 2. Synchronize with Accounts Payable/Payroll

Use function keys F10 and F11 to synchronize Cross Systems Company Master with corresponding information in Accounts Payable Company Master (F10) and Payroll Company Master (F11). This includes creating an Accounts Payable company record or a Payroll company record from a Cross Systems company record; or creating a Cross Systems company record from an Accounts Payable company record or a Payroll company record.

Processing funds transfer transactions from Accounts Payable requires a company record in both the Accounts Payable Company Master and the Cross Systems Company Master. Processing funds transfer transactions from Payroll requires a company record in both the Payroll Company Master and the Cross Systems Company Master.

If an Accounts Payable company record is created from a Cross Systems company record, only the corresponding fields (company id, name, address, city, state, zip, country, phone, federal and state tax ids) will be populated in the Accounts Payable company record. After creating the Accounts Payable company record, any company fields unique to Accounts Payable should be entered by going to the Accounts Payable Main Menu, then selecting option 1—Company /Expense Code Table, then selecting option 1—Work with Companies.

If a Payroll company record is created from a Cross Systems company record, only the corresponding fields (company id, name, address, city, state, zip, and federal tax id) will be populated in the Payroll company record. After creating a Payroll company record, any company fields unique to Payroll should be entered by going to the Payroll Main Menu, then selecting option 5—Company/Reference Files Menu, then selecting option 1—Work with Company Master.

Business Info-Solution

Synchronize Accounts Payable Companies		ACSRG231 1
		JSMITH
Company Id . . . __		
Type options, press Enter.		
3=Compare		
Company		
Opt Id Name	Address	City, State
_ 01 ABC COMPANY	123 ANY STREET	ANY CITY, ST
_ 02 ACME COMPANY	4567 N. BUSINESS AVE	YOUR CITY, ST
_ 03 XYZ COMPANY	890 W. ENTERPRISE SQ	NEW CITY, ST
F3=Exit F5=Refresh F6=Add		Bottom

Function Keys used in Synchronize Company Masters are:

F3—Exit Synchronize Company Masters

F5—Refresh display

F6—Add new Accounts Payable/Payroll company record from a Cross Systems company record

Options available on each Synchronize Company Masters line are:

3=Compare	Compare company information
-----------	-----------------------------

The following is a field by field description of the Synchronize Company Masters screen:

Company Id

Two-character field identifying the Accounts Payable/Payroll company.

Company Name

Thirty-character field containing the primary Accounts Payable/Payroll company name.

Address

First twenty character positions of the Accounts Payable/Payroll company address.

City, State

First Eighteen character positions of the Accounts Payable/Payroll combined company city and state.

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APPLICATION_CROSS_SYSTEMS_PROCEDURE_DESCRIPTION.DOC

Business Info-Solution

DSPLAY	Synchronize Accounts Payable Companies	ACSRG231 2 JSMITH
Press Enter to continue		
	<u>ACCOUNTS PAYABLE</u>	<u>CROSS SYSTEMS</u>
Id	01	01
Name	ABC COMPANY	ABC COMPANY
Address . . 1	123 ANY STREET	123 E ANY AVENUE
City,St,Zip+	ANY CITY, ST 12345 1234	ANY CITY, ST 12345 0000
Country . . .	US	US
Phone	(123)123-1234	(123)123-1234
FEIN	1 73-1234567	1 73-1234567
St Tax Id. . .		
F3=Exit	F5=Refresh	F10=AP<--CS
		F11=AP-->CS
		Roll up/down F12=Cancel

This screen displays only those fields common to the Accounts Payable/Payroll company record and the Cross Systems company record.

Function Keys used in Synchronize Company Masters—Compare are:

F3—Exit Synchronize Company Masters—Compare

F5—Refresh display

F10—Replace Accounts Payable/Payroll values with Cross Systems values

F11—Replace Cross Systems values with Accounts Payable/Payroll values

F12—Cancel Synchronize Company Masters—Compare

The following is a field by field description of the Synchronize Company Masters—Compare screen:

Company Id

Two-character field identifying the company.

Company Name1

Thirty-character field containing the company name.

Address 1 (& 2)

Thirty-character field(s) containing the company address.

Business Info-Solution

City/State/Zip+4

Twenty-character field containing the city.

Two-character field containing state abbreviation code.

Five-digit field containing the zip code.

Four-digit field containing the zip code extension.

Country Id

Two-character field containing the country abbreviation code.

Phone Number

Twenty-character field containing the company phone number.

FEIN (Federal Tax Id)

Fifteen-character field containing the federal tax id.

State Tax Id

Fifteen-character field containing state tax id.

Business Info-Solution

JOB: Maintenance of Banks and Bank Accounts

Step 1. ACSCLWBNK—Work with Banks

Bank information used in Funds Transfer is maintained in this procedure. The banks entered here will also be displayed when bank lookup is selected in Funds Transfer Definitions. All required bank information must be entered into the Cross Systems Bank Master before Bank Accounts or Funds Transfer Definitions can be created and before any Funds Transfers can be processed.

Bank maintenance requires that you enter data for the bank id, bank name, DFI# and DFI Name fields. Additionally, you may maintain bank address, city, state, zip code, country, phone, fax, modem, email, and comment/contact fields.

Each bank should have only one Cross Systems Bank Master record. However, each bank may be associated with multiple accounts and service multiple companies.

```
Work with Banks                                     ACSRG202 1
                                                    JSMITH

Bank Id . . . _____
Name . . . _____

Type options, press Enter.
  2=Change   4=Delete   5=Display   6=Bank Accts
                                                    Bank
Opt Bank Id   Bank Name           Accts Comments/Contact
- LOCAL      LOCAL BANK           0
- STATE      STATE BANK AND TRUST  2
- 01         FIRST SAVINGS BANK    1

F3=Exit      F5=Refresh      F6=Add      F13=Wrk w/ Pos Pay

                                                    Bottom
```

Business Info-Solution

Function Keys used in Cross Systems Work with Banks are:

- F3—Exit Work with Banks
- F5—Refresh display
- F6—Add new bank record
- F13—Work with Positive Pay Definitions

Options available on each Cross Systems Work with Banks line are:

2=Change	Change information about this bank
4=Delete	Delete this bank from Cross Systems
5=Display	Display this bank information
6=Bank Accounts	Work with Bank Accounts for this bank

The following is a field by field description of the Work with Banks screen:

Bank Id

Ten-character field identifying the Cross Systems bank.

Bank Name

Thirty-character field containing the primary Cross Systems bank name.

Comment/Contact

Forty-character field containing comment or contact information.

```

ADD                               Work with Banks                               ACSRG202 2
                                                                              JSMITH

Bank Id . . . _____

Type information, press Enter.
Bank Name1 . . . . _____
  Name2 . . . . _____
Address Line 1 . . _____
  Line 2 . . _____
  Line 3 . . _____
City/St/Zip+4. . . _____ + 00000 0000
Country Id . . . . ____ +
Phone Number . . . _____
Fax Number . . . . _____
Modem Number . . . _____
E-mail . . _____
Comment/Contact. . _____
Depository Fiduciary Inst# . 00000000 0   DFI Name _____
ACH Operator Id (Immed Dstn) _____ Oprtr Name _____
FT Originator Status Code. . 1 + Depository Financial Institution
Last FT Batch/Sequence # . . 0000000 / 0000000 FT File Id Modifier. . _ +

F3=Exit      F5=Refresh      F9=LookUp(+)      F12=Cancel
    
```

Business Info-Solution

Function Keys used in Work with Banks—Add/Update/Display are:

F3—Exit Work with Banks—Add/Update/Display

F5—Refresh display

F9—Lookup/Select available field values

F12—Cancel Work with Banks—Add/Update/Display

The following is a field by field description of the Work with Banks—Add/Update/Display screen:

Bank Id

Two-character field identifying the Cross Systems bank.

Bank Name1

Thirty-character field containing the primary Cross Systems bank name.

Bank Name2

Thirty-character field containing continuation of the primary Cross Systems bank name.

Address Line 1, 2, & 3

Three thirty-character fields containing the bank mailing/location address—number, street, suite, box, etc.

City/State/Zip+4

Twenty-character field containing the city.

Two-character field containing state abbreviation code.

Five-digit field containing the zip code.

Four-digit field containing the zip code extension.

Country Id

Two-character field containing country abbreviation code.

Phone Number

Twenty-character field containing the bank phone number.

Fax Number

Twenty-character field containing the bank fax number.

Modem Number

Twenty-character field containing the bank modem number.

E-mail

Sixty-four-character field containing the bank e-mail address.

Comment/Contact

Forty-character field containing additional reference information about bank. (e.g., contact person's name, etc.)

Depository Financial Institution Number / Check Digit

Eight-digit field containing the Depository Financial Institution number of this bank, also known as the bank routing number. The accompanying Check Digit will be calculated for you using Modulus-10 algorithm.

Business Info-Solution

DFI Name

Twenty three character name containing the DFI name of the above DFI Number.

ACH Operator Id

Ten character id of the ACH operator for this bank. This field allows for the specification of a value to override the Bank DFI number normally placed in the Immediate Destination Id of an ACH batch.

ACH Operator Name

Twenty three character name containing the name of the above ACH operator Id.

FT Originator Status Code

One character id defining the type of originator of the funds transfer ACH batch when creating ACH batches for this bank.

Last FT Batch/Sequence #

Two seven digit fields defining the last fund transfer batch and sequence number used when creating ACH batches for this bank.

(Last) FT File Id Modifier

One character field defining the last file id modifier used when creating funds transfer ACH batches for this bank.

Business Info-Solution

Step 2. Work with Bank Accounts.

Bank account information used in Funds Transfer is maintained in this procedure. The bank accounts entered here will also be displayed when bank account lookup is selected in Funds Transfer Definitions. All required bank account information must be entered into the Cross Systems Bank Account Master before Funds Transfer Definitions can be created and before any Funds Transfers can be processed.

Bank account maintenance requires that you enter data for the bank account number, bank account description, and bank account type. Also required is the company id of the company that owns the account. Additionally, you may maintain bank account status, date account was opened, date account was closed, last check id/number and last funds transfer id/number.

Each bank account will have only one Cross Systems Bank Account Master record. Additionally, each bank account will be associated with a single bank and be owned by a single company.

```
Work with Bank Accounts                                ACSR203 1
                                                         JSMITH

Bank Id . . . 01                                FIRST SAVINGS BANK
                                                         Filter by
Account# . . . _____                        Company: __
Type options, press Enter.
  2=Change   4=Delete   5=Display

Opt Account Number      Ownr      Account
                             CoId      Description      Typ  Sts
_  4114188819           01      01-05-4114188819      C    O
_  68137272             03      01-03-68137272       C    O
_  94436193             02      01-02-94436193       C    O

F3=Exit      F5=Refresh      F6=Add

Bottom
```

Business Info-Solution

Function Keys used in Cross Systems Work with Banks Accounts are:

F3—Exit Work with Bank Accounts

F5—Refresh display

F6—Add new bank account record to current bank

Options available on each Cross Systems Work with Banks line are:

2=Change	Change information about this bank account
4=Delete	Delete this bank account from Cross Systems
5=Display	Display this bank account information

Filter by Company:

Enter a valid two-character Company Id and press enter to display only those bank accounts owned by that company.

The following is a field by field description of the Work with Bank Accounts screen:

Account Id

Seventeen-character field containing the Cross Systems bank account id/number.

Owed by Company Id

Two-character field identifying the Cross Systems company that owns this account.

Description

Forty-character field containing a description or further information about this account.

Bank Account #

Seventeen-character field containing the actual bank account number used by the bank for this account. Will default to the account id if not specified.

Type

One-character field identifying the type of account (e.g., checking or savings).

Status

One-character field identifying the status of this account (e.g., open account, closed account, etc.).

Business Info-Solution

```
ADD                                Work with Bank Accounts                ACSR203 2
                                      JSMITH
Bank Id . . . 01                    FIRST SAVINGS BANK
Account# . . . _____
Type information, press Enter.
Owned by Co Id . . _ +
Description . . . _____
Type . . . . . _ +
Status . . . . . _ +
Date Opened . . . _____ + (mddy)
Date Closed . . . _____ + (mddy)
Last Check Id/# . _____
Last FT Id/# . . . _____

F3=Exit      F5=Refresh      F9=LookUp(+)      F12=Cancel      F22=ACH Overrides
```

Function Keys used in Work with Bank Accounts—Add/Update/Display are:

- F3—Exit Work with Bank Accounts—Add/Update/Display
- F5—Refresh display
- F9—Lookup/Select available field values
- F12—Cancel Work with Bank Accounts—Add/Update/Display
- F22—Funds Transfer Overrides

```
Funds Transfer Overrides

*** WARNING ***

These overrides should only be entered
when specifically requested by your bank.
Otherwise, leave these codes blank.

Type information, press Enter.
Immediate Origin Id _____ Name _____

Co Id Code Dsgntr  _ +
Co Identification  _____

F9=LookUp(+)      F12=Cancel
```

F22—Funds Transfer Overrides

Business Info-Solution

Immediate Origin Id. The Immediate Origin Id field in Funds Transfer is normally the DFI routing number assigned to the bank. Although unusual, the company's bank may request the company to use some other value when initiating a Funds Transfer. In this case, use function key 22 to enter the override value exactly as requested by bank. This override will replace the DFI routing number as the Immediate Origin in all Funds Transfers pertaining to this bank account.

NOTE: The Depository Financial Institution number in the Bank Master record must contain the DFI routing number assigned to the bank. Do not replace the DFI routing number in the Bank Master with this override value.

Immediate Origin Name. The Immediate Origin Name field is entered here if an Immediate Origin Id field is coded above. This is a twenty three character field.

Company Identification Code Designator and Identification. The Originator Company Identification is the ANSI Identification Code Designator (ICD) followed by the Company Identification number. This is automatically calculated in the Company Master by combining ICD code "1" with the first nine digits of the federal tax id. ICD code "1" identifies the Company Identification number as the IRS Federal Employer Identification Number (FEIN). If the federal tax id field in the Company Master does not contain the FEIN issued to the company by the IRS or the program calculation is in error, use function key 22 to enter the correct ICD and Company Identification number. This override will replace the Company Master default in all Funds Transfers pertaining to this bank account.

Business Info-Solution

JOB: Fund Transfer Definitions

Step 1. ACSCLWFTD—Work with Funds Transfer Definitions

Information and parameters used to create and process funds transfer batches are maintained in this procedure. These definitions are referenced by other system modules to create funds transfer batches, e.g., Accounts Payable to pay vendors and Payroll to pay employees. The definitions entered here will also be displayed when funds transfer definitions lookup is selected in Work with Funds Transfer Batches or in other applications. All required information must be entered into the Cross Systems Funds Transfer Definition before funds transfer batches can be created or processed.

Funds transfer definition maintenance requires that you enter data for the definition id, system id, transfer type, bank id and account number. An entry description for funds transfer is also required. Additionally, you may maintain a description of the definition; for funds transfers—company/bank discretionary data, company reference code, and whether to create an offset transaction for funds transfer; and for checks—form id and check name.

```
Work with Funds Transfer Definitions                                ACSRG206 1
                                                                JSMITH

Definition Id . . .

Type options, press Enter.
      2=Change      3=Copy      4=Delete      5=Display
Definition
Opt Id      Description      Id Typ Co  Bank Id  Bank Account
APCHKS01   A/P CHECKS                AV  O  01  01      41141888819
DEPOSITORY DEPOSITORY SAVINGS ACC AV  O  01  01      94436193
PRCHKS01   P/R CHECKS                PE  O  01  01      41141888819

F3=Exit      F5=Refresh      F6=Add

Bottom
```

Business Info-Solution

Function Keys used in Cross Systems Work with Funds Transfer Definitions are:

F3—Exit Work with Funds Transfer Definitions

F5—Refresh display

F6—Add new funds transfer definition record

Options available on each Cross Systems Work with Funds Transfer Definitions line are:

2=Change	Change information in this definition
3=Copy	Copy this definition to new definition
4=Delete	Delete this definition from Cross Systems
5=Display	Display this definition information

The following is a field by field description of the Work with Funds Transfer Definitions screen:

Definition Id

Ten-character field identifying the funds transfer definition.

Definition Description

First twenty-two characters of the forty-character field containing description or further information about this definition.

System Id

Two-character field identifying the module system/process utilizing this definition.

Funds Transfer Type

One-character field identifying type/direction of this funds transfer.

Bank Account Owner Company Id

Two-character field from the Bank Account Master that identifies the Cross Systems company that owns the bank account linked to this definition.

Bank Id

Two-character field identifying the Cross Systems bank where the account utilized by this definition is located.

Bank Account Number

Seventeen-character field containing the Cross Systems bank account number utilized by this definition.

Business Info-Solution

ADD	Work with Funds Transfer Definitions	ACSRG206 2 JSMITH
Definition Id . . . _____		
Type information, press Enter.		
System Id. __ +		
Funds Transfer Type. . _ +		
Description. _____		
Bank Id. _____ +		
Bank Account Id. . . . _____ +		
Bank Positive Pay Id . _____ +		
FT Entry Description . _____ (e.g., "AP VENDOR," "PAYROLL," "WIRE OUT," "WIRE IN," etc.)		
Discretionary Data. _____ (optional)		
Reference Code. . . _____ (optional)		
Offset Trans? . . . <u>N</u> (Y/N)		
Check Form Id. _____		
Name _____		
F3=Exit	F5=Refresh	F9=LookUp(+)
F12=Cancel	F13=Work w/ Pos Pay	

Function Keys used in Cross Systems Work with Funds Transfer Definitions—Add/Update/Display are:

F3—Exit Work with Funds Transfer Definitions—Add/Update/Display

F5—Refresh display

F9—Lookup/Select available field values

F12—Cancel Work with Funds Transfer Definitions—Add/Update/Display

F13—Work with Positive Pay Definition for the account (if one exists)

The following is a field by field description of the Work with Funds Transfer Definitions screen:

Definition Id

Ten-character field identifying the funds transfer definition.

System Id

Two-character field identifying the module system/process utilizing this definition.

Funds Transfer Type

One-character field identifying type/direction of this funds transfer.

Definition Description

Forty-character field containing description or further information about this definition.

Business Info-Solution

Bank Id

Two-character field identifying the Cross Systems bank where the account utilized by this definition is located.

Bank Account Id

Seventeen-character field containing the Cross Systems bank account number utilized by this definition.

Bank Positive Pay Id

Ten-character field containing the Cross Systems positive pay definition utilized by this fund transfer definition.

Funds Transfer Fields:**Entry Description**

Ten-character field containing a description of the purpose of the entry to be displayed back to the receiver.

Discretionary Data

Twenty-character field containing code(s) of significance only to the company and the company's bank, to enable specialized handling of all entries in the batch.

Reference Code

Eight-character field containing funds transfer information pertinent to the company.

Offset Transaction

One-character field indicating whether an offset transaction for each batch should be created.

Check Fields:**Form Id**

Ten-character field identifying the form to use with check transactions.

Name

Ten-character field containing the check name to use in check transactions.

Business Info-Solution

Step 2. Work with Positive Pay Definitions

Information and parameters used to create and process positive pay files are maintained in this step. This step can be reached from either all definitions from the Work with Banks procedure or for just one Positive Pay definition from the Work with Funds Transfer definition maintenance screen. These definitions are referenced by the Work with Fund Transfer Batches procedure and other legacy procedural calls to create positive pay files to be sent to a bank for Accounts Payable to pay vendors and Payroll to pay employees payments by paper check.

The following example screen is presented to initiate the description of the desired positive pay file to be sent to a bank.

Work with Positive Pay Definitions				ACSRG260 1		
Type options, press Enter.						
1=Rec Fmt 2=Change 3=Copy 4=Delete 5=Display						
Opt	Definition Name	Defn Seq#	Defn Rec	Defintion/ Record Description	Rec Fmt	Field Dlmtr
		0				
	CAPITALONE		ADR	Capital One Bank	*VARIABLE	*SPACE
	CAPITALONE	20	DTL	Detail Record		
	CAPITALTWO		ADR	Capital Two	*FIXED	*NONE
	CAPITALTWO	10	BOF	BEGINNING OF FILE		
	CAPITALTWO	20	DTL	CHECKS/DIRECT DEPOSIT		
	CAPITALTWO	30	EOA	END OF ACCOUNT RECORD		
	CAPITALTWO	40	EOF	END OF FILE		
	NATNLCITY		ADR	National City - ARP Std Input	*VARIABLE	*COMMA
	NATNLCITY	10	DTL	STANDARD INPUT FORMAT		

F3=Exit F5=Refresh F6=Add

Bottom

Function Keys used in Cross Systems Work with Positive Pay Definitions are:

- F3—Exit Work with Positive Pay Definitions
- F5—Refresh display
- F6—Add new positive pay record definition

Business Info-Solution

Options available on each Cross Systems Work with Positive Pay Definitions line are:

1=Rec Fmt	Display Work with Positive Pay Definition Format Fields
2=Change	Change information in this definiton
3=Copy	Copy this definition/record to a new definition/record
4=Delete	Delete this definition/record from Cross Systems
5=Display	Display this definition information

The following is a field by field description of the Work with Work with Positive Pay Definition screen:

Definition Name

Ten-character field identifying the positive pay definition.

Definition Sequence #

Five digit sequence number to uniquely define the positive pay definition record format within this Definition Name..

Definition Record

Two-character field identifying the type of record format being defined.

Definition Record/Description

Thirty-character field describing the Definition or Record format.

Record Format

Ten-character field defining the type of positive pay file that will be generated.

Field Delimiter

Ten-character field identifying the field delimiter character that will be used in the building of the positive pay file that is generated.

Business Info-Solution

```
UPDATE                               Work with Positive Pay Definitions          ACSRG260 2

Definition Name . . . CAPITALONE
Definition Seq # . . . 0
Type information, press Enter.
  Defintion Record Format . . . . . ADR +
  Defintion/Record Text . . . . . Capital One Bank
  Record Format Type . . . . . *VARIABLE +
  Record Format Length . . . . . 0
  Blocking Factor, # of records. . . . . 0 Size
  Field Delimiter Option . . . . . *SPACE +
  String Delimiter Option . . . . . *DBLQUOTE +
  Record Delimiter Option . . . . . *CRLF +
  File Name to Send to Bank. . . . . CAPONE(@BANKID_@BANKDFI_@ACCTID_@BANKAC
CT_*FILENBR).TXT
                                     Literal + Keywords:
                                     @BANKID @BANKDFI @BANKDFIC *FILENBR
                                     @ACCTID @BANKACCT
                                     *CURDEYMD *CURDTYMD
                                     *CURDEMDY *CURDTMDY

F3=Exit      F5=Refresh      F9=Lookup+      F12=Cancel      Roll up/down
```

Function Keys used in Cross Systems Work with Positive Pay Definitions—Add/Update/Display are:

F3—Exit Work with Positive Pay Definitions—Add/Update/Display

F5—Refresh display

F9—Lookup/Select available field values

F12—Cancel Work with Positive Pay Definitions—Add/Update/Display

The following is a field by field description of the Work with Positive Pay Definitions screen:

Definition Name

Ten-character field identifying the positive pay definition.

Definition Seq #

Five digit field uniquely identifying the record format for this positive pay definition. First sequence number for a definition must always be a zero with record format ADR. See below.

Business Info-Solution

Definition Record Format

Two-character field identifying the type of record format being defined. This type controls when the actual format is generated in the positive pay file. They are as follows in order of generation occurrence:

- ADR - Positive Pay Definition (must be defined)
- BOF - Beginning of File format
- BOR - Beginning of each Bank Account format
- DTL - Detail for each positive payment
- EOA - End of each Bank Account format
- EOF - End of File format
- PAD - Block Padding file record format

All formats but ADR can be defined multiple time in one positive pay definition.

Definition/Record Text

Thirty-character field containing description or further information about this definition or record format.

File Definition Fields:

Record Format Type

Ten-character field identifying the type of positive pay file that will be generated. Either records that will be *VARAIBLE or *FIXED in length. Variable length file can contain individual records that are variable characters in length, while fixed length files will contain records that are a fixed record format length defined below.

Record Format Length

Five digit record length field. If *FIXED length record format specified above this is the length in characters of each record to be generated in the file.

Blocking Factor

Five digit blocking factor for the generated file. This factor will determine the number of PAD records to be generated at the end of the file.

Field Delimiter Option

Ten-character field containing the option describing the character to be used in generating the file for optionally separating fields. The following values are valid.

- *COMMA Comma character - ","
- *NONE No character
- *NULL Null character - x'00'
- *PIPE Pipe character - "|"
- *SPACE Space character - " "
- *TAB Tab character

Business Info-Solution

String Delimiter Option

Ten-character field containing the option describing the character to be used in generating the file for optionally delimiting string character fields. The following values are valid.

- *DBLQUOTE Double quote character - ""
- *NONE No character
- *NULL Null character - x'00'
- *SGLQUOTE Single quote character - ''
- *TAB Tab character

Record Delimiter Option

Ten-character field containing the option describing the character(s) to be used in generating the file for optionally delimiting the end of each record in the file. The following values are valid.

- *CR Carriage return character - x'0A'
- *CRLF Carriage return and line feed characters - x'0A0D'
- *EOR End of record character - x'25'
- *LF Line feed character - x'0D'
- *LFCR Line feed and carriage return characters - x'0D0A'
- *NONE No character

File Name to Send to the Bank

Sixty four-character field indicating whether an optional file copy of the generated positive pay file is to be made. If this field is left blank, no file copy will be made. Keyword substitutions can be entered for variably inserting values for file number, current date formats, bank ids, bank DFI, bank account id, and bank account number.

Business Info-Solution

UPDATE	Work with Positive Pay Definition Format	ACSRG261 1
Definition Name . .	CAPITALONE Capital One Bank	Record Type
Definition Seq # . .	20	*VARIABLE
Record Format Type.	DTL Detail Record	
Record Format Seq #	0	
Type options, Press enter.		
2=Change	4=Delete	5=Display
Fmt	Field	
Opt Seq #	Text	Field Name + Fld Typ+ Lth Dec Pt+ Fd+ Fd+ Fl+
10	Account Number, Customer Acct	@BANKACCT A 10 0 R B Y
20	Check Number	@CHKIDNO A 10 0 R B Y
30	Check Amount	@CHKAMT N 10 2 N R B Y
40	Issue Date, MMDDYY	@CHKDTMDY N 6 0 R N Y
50	Void Indicator	*BLANK A 1 0
60	Additional Payee Info	@RCPNAME A 30 0 L B N
<div style="display: flex; justify-content: space-between;"> F8=Fold Bottom </div> <div style="display: flex; justify-content: space-between;"> F3=Exit F5=Refresh F6=Add Mode F11=Update mode F9=Lookup+ </div>		

Function Keys used in Cross Systems Work with Positive Pay Definition

Format—Add/Update/Display are:

- F3—Exit Work with Positive Pay Definition Format—Add/Update/Display
- F5—Refresh display
- F6—Add mode to add a new field to format
- F9—Lookup/Select available field values
- F11—Update mode to update fields in format
- F12—Cancel Work with Positive Pay Definition Format—Add/Update/Display

Options available on each Cross Systems Work with Positive Pay Definition

Format line are:

2=Change	Change information in this field for this record
4=Delete	Delete this field in record
5=Display	Display this field definition

Business Info-Solution

The following is a field by field description of the Work with Positive Pay Definition Format screen:

Definition Name

Ten-character field identifying the positive pay definition.

Definition Seq #

Five digit field uniquely identifying the record format for this positive pay definition. First sequence number for a definition must always be a zero with record format ADR. See below.

Record Format Type

Two-character field identifying the type of record format being defined. This type controls when the actual format is generated in the positive pay file. They are as follows in order of generation occurrence:

ADR - Positive Pay Definition (must be defined)

BOF - Beginning of File format

BOR - Beginning of Bank Account format

DTL - Detail for each positive payment

EOA - End of Bank Account format

EOF - End of File format

PAD - Block Padding file record format

All formats but ADR can be defined multiple time in one positive pay definition.

Record Format Seq #

Five digit field containing the sequence # defining the sequence within a record format type in which this record should be generated.

Record Format Field Definition Fields:

Format Sequence #

Five digit field defining a unique field and the sequence within the record format in which the field will be generated.

Field Text

Thirty character field describing the field to be generated in the record format. This text can help document the field as a bank has described the field to be placed in the generated file.

Business Info-Solution

Field Name

Ten character field defining the field content to be placed in the file. When a field is generated, while having a defined length, its value can be padded with blanks/zeros, or truncated to a specified size in this record format being defined. A field can be one of four types of field as follows:

Fields that begin with;

- @ Field Names from source input files
- * Special Named value fields
- ' Literal value field
- # Hexadecimal value field

Field Names;

@COID	Company Id, two characters
@BANKID	Bank Id, ten characters
@BANKDFI	Bank DFI number, eight digits
@BANKDFIC	Bank DFI number with check digit, nine digits
@ACCTID	Bank Account Id, ten characters
@BANKACCT	Bank Account number, seventeen characters
@RCPIDNO	Payment recipient id number, ten characters
@RCPNAME	Payment recipient name, \ thirty characters
@CHKIDNO	Check id number, fifteen characters
@CHKDTMDY	Check date, six digits, month/day/year
@CHKDTDMY	Check date, six digits, day/month/year
@CHKDTYMD	Check date, six digits, year/month/day
@CHKDEMDY	Check date, eight digits, month/day/year
@CHKDEDMY	Check date, eight digits, day/month/year
@CHKDEYMD	Check date, eight digits, year/month/day
@CHKMONTH	Check date month, two digits
@CHKDAY	Check date day, two digits
@CHKYEAR	Check date year, four digits
@CHKAMT	Check amount, ten digits, two decimal places
@SYSID	System that issued payment PE = Payroll to employee AV= Accounts payable to vendor

Business Info-Solution

Special Named fields;

*CURDTMDY	Current date, six digits, month/day/year
*CURDTDMY	Current date, six digits, day/month/year
*CURDTYMD	Current date, six digits, year/month/day
*CURDEMDY	Current date, eight digits, month/day/year
*CURDEDMY	Current date, eight digits, day/month/year
*CURDEYMD	Current date, eight digits, year/month/day
*ACCTCNT	Bank Account record count, six digits
*ACCTCKHSH	Bank Account check # hash total, fifteen digits
*ACCTTOT	Bank Account total amount, twelve digits, two decimal places
*FILECNT	File record count, six digits
*FILECKHSH	File check # hash total, 15 digits
*FILETOT	File total amount, 12 digits, two decimal places
*CRLF	Carriage return, line feed characters, two characters (x'0A0D')
*LFCR	Line feed, carriage return characters, two characters (x'0D0A)
*CR	Carriage return, one character (x'0A')
*LF	Line feed, one character (x'0D')
*EOB	End of Block, one character (x'23')
*EOR	End of Record, one character (x'25')
*EOF	End of File, one character (x'1A')
*ALL'a	All character "a" string
*BLANK	One blank character
*BLANKS	All blank characters
*ZERO	One zero digit
*ZEROS	All zero digits
*NULL	One null character (x'00')
*NULLS	All null characters

Literal Value;

'aaaaaaaa One to nine character values

Hexadecimal Value;

#hh One character hex value

#hhh Two character hex value

#hhhhhhh Three character hex value

Business Info-Solution

Field Type

One character field containing the option describing the type of field being defined. The following values are valid.

- A Alphanumeric characters field
- N Numeric digits field
- B Binary digits field

Field Length

Four digit field with a value from 1 to 1024 defining the length of this field in characters/digits. For variable length record files it is the maximum field length. For fixed length record files it is the fixed length of the field.

Decimal Places

One digit field with a value from 0 to 9 defining the number of decimal places in this field when the field is defined as numeric.

Decimal Point

One character option field defining whether a decimal point character is to be placed in the output field when generated.

Valid only on numeric fields.

- Y=Yes, output decimal point
- N=No, do not output decimal point

Justify Field

One character option field defining whether field value should be right or left justified in the output field generated.

- R=Right justify
- L=Left justify.

Trim Field

One character option field defining whether field value should have blanks trimmed and if so left, right or both ends of the field.

- N=No trimming
- B=Both ends trimmed
- L=Left end trimmed
- R=Right end trimmed

Zero Fill

One character option field defining whether field value should be zero filled or not.

- N=No, not zero filled
- Y=Yes, zero fill

Business Info-Solution

JOB: Fund Transfer Batches

Step 1. ACSCLWFTB—Work with Fund Transfer Batches

This procedure is used for processing funds transfer batches created in Accounts Payable and Payroll. This procedure can also create funds transfer batches and transactions. Processes include editing and sending funds transfer batches and sending email notifications of funds transfer.

Current and history batches can be displayed and a list printed. Current batches can be filtered by company id, processing status, and notification status.

```
Work with Funds Transfer Batches          ACSRG212 1
                                CURRENT          JSMITH

Entry Date . . . . . _____
System Id . . . . . ____

                                Show only Company: ____

Type options, press Enter.
 1=Select  2=Change  4=Delete  5=Display  P=Pos Pay
 6=List Bch  7=FT Defn  H=Snd to Hst  8=Rdy to Send  9=Rdy to Notify
-----Entry----- Co Fnds Trnsf  Number -Processing- Notification
Opt   Date       Time  SI Id Definition PN  FT  Chk  Sts  Date  Sts  Date
_ 11/27/2006 16:15:39 AV 02 APCHKS02          1
_ 11/27/2006 16:15:39 AV 03 APCHKS03          6  98
_ 11/27/2006 16:15:39 AV 04 APCHKS04          84
_ 11/27/2006 16:15:39 AV 05 APCHKS05          2  33
_ 11/27/2006 15:47:31 AV 02 APCHKS02          1
_ 11/27/2006 15:47:31 AV 03 APCHKS03          6  98
_ 11/27/2006 15:47:31 AV 04 APCHKS04          84
_ 11/27/2006 15:47:31 AV 05 APCHKS05          2  33 S 12/07/2006 12/09/2006
_ 11/10/2006 13:38:44 AV 03 APCHKS03 P 2 S 11/13/2006
_ 11/10/2006 13:24:01 AV 02 APCHKS02          1
F3=Exit  F5=Refresh  F6=Add  F7=Prc Sts  F8=Ntf Sts  F10=Send FT More...
F11=Send Ntf  F13=Repeat Opt  F14=History  F15=Move to Hist  F16=List
```

Business Info-Solution

Function Keys used in Cross Systems Work with Funds Transfer Batches are:

- F3—Exit Work with Funds Transfer Batches
- F5—Refresh display
- F6—Add new funds transfer batch record (Current)
- F7—Filter by processing status: all, ready only, sent only (Current)
- F8—Filter by notification status: all, ready only, notified only (Current)
- F10—Send funds transfer transactions, batches marked ready (Current)
- F11—Send funds transfer notification, batches marked ready (Current)
- F13—Repeat Option to end of list (Current)
- F14—Toggle Current/History display
- F15—Move batch to History (Current)
- F15—Purge batch from History (History)
- F16—Print batch list displayed: Current/History

Options available on each Cross Systems Work with Funds Transfer Batches line are:

1=Select	Select this batch (display batch transactions)
2=Change (Current)	Change batch parameters
4=Delete (Current)	Delete this batch
5=Display	Display batch parameters
6=List Batch transactions	Print list of batch transactions
7=FT Definition	Display/select funds transfer definition
8=Rdy to Send (Current)	Mark batch ready to send
9=Rdy to Notify (Current)	Mark batch ready to notify
P=Pos Pay	Create Positive Pay Trans for batches with same Date/Time/System Id

The following is a field by field description of the Work with Funds Transfer Batches screen:

Entry Date

Eight-digit field containing date the batch was created.

Entry Time

Six-digit field containing time the batch was created.

System Id

Two-character field identifying the module system that created the batch.

Company Id

Two-character field identifying the company that is the originator of the batch.

Funds Transfer Definition

Ten-character field identifying the definition used to process funds transfer transactions in the batch.

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APPLICATION_CROSS_SYSTEMS_PROCEDURE_DESCRIPTION.DOC

Business Info-Solution

Prenote flag

One-character field identifying prenote batches.

Number of Funds Transfers

Four-digit field containing number of funds transfer transactions in the batch.

Number of Checks

Four-digit field containing number of check transactions in the batch.

Processing Status

One-character field indicating the processing status of the batch.

Processing Date

Eight-digit field indicating the date the batch was sent to the company's bank for processing.

Notification Status

One-character field indicating the status of email notification of funds transfer transactions in the batch.

Notification Date

Eight-digit field indicating the date funds transfer transaction notifications are scheduled to be sent or date notifications were actually sent for the batch.

```
ADD                      Work with Funds Transfer Batches          ACSRG212 2
                          CURRENT                                  JSMITH
Entry Date/Time . . . 12/15/2006 6:12:15
System Id . . . . . FT Funds Transfer

Company . . . . . ___

Type information, press Enter.
Funds Transfer Defn. . _____ +

#Transactions-FT:      0
Checks:                0

Effective Date Days . . 1 (1-2 banking days following processing date)
Processing Status:
Date:

Notification Days . . . 0 (0-9 calendar days following processing date)
Status:
Date:

F3=Exit      F5=Refresh      F9=LookUp      F12=Cancel
```

Business Info-Solution

Function Keys used in Cross Systems Work with Funds Transfer Batches—Add/Update/Display are:

F3—Exit Work with Funds Transfer Batches—Add/Update/Display

F5—Refresh display

F9—Lookup/Select available field values

F12—Cancel Work with Funds Transfer Batches—Add/Update/Display

The following is a field by field description of the Work with Funds Transfer Batches—Add/Update/Display screen:

Entry Date

Eight-digit field containing date the batch was created.

Entry Time

Six-character field containing time the batch was created.

Company Id

Two-character field identifying the company that is the originator of the batch.

Funds Transfer Definition

Ten-character field identifying the definition used to process funds transfer transactions in the batch.

Number of Funds Transfer Transactions

Seven-digit field containing the number of funds transfer transactions in the batch.

Number of Check Transactions

Seven-digit field containing the number of check transactions in the batch.

Effective Date Days

One-digit field containing the number of days after processing date that the company intends the batch of entries to be settled. For credit entries, this shall be either one or two banking days following the banking day of processing as established by the company's bank. For debit entries, this shall be one banking day following the banking day of processing.

Processing Status

One-character field indicating the processing status of the batch.

Processing Date

Eight-digit field indicating the date the batch was sent to the company's bank for processing.

Business Info-Solution

Notification Date Days

One-digit field containing the number of days after the processing date that the company intends email notifications of funds transfer transactions be sent to recipients. This shall be zero to nine days following the processing date. Zero days indicates the batch is available for email notifications immediately following processing.

Notification Status

One-character field indicating the status of email notification of funds transfer transactions in the batch.

Notification Date

Eight-digit field indicating the date funds transfer transaction notifications are scheduled to be sent or date notifications were actually sent for the batch. If the notifications are not sent by the number of days specified, the notification date will be updated to the current date.