Save Output Queue

Save and Process of QutQs and Spooled files

User manual

iSeries & Toolmaker – Quality combined

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INTRODUCTION

Save Output Queue (SOQ) is a complete spool file management system. With SOQ, you can archive spool files, restore spool files, prepare spool files for microfiche and/or CD-ROM, duplicate spool files, delete spool files, move spool files, convert spool files to data files (EBCDIC and/or ASCII), and pass spool files to a COLD (Computer Output to Laser Disk) solution. All eight of these SOQ functions may be performed on a single spool file or on any group of spool files. Every time an SOQ function completes, a report is produced that summarizes the action taken for each spool file affected by the function.

SOQ recognizes groups of spool files based on selection and exclusion criteria supplied by you at the time a function is performed. Spool files may be grouped using any combination of the following criteria:

1. Output queue name
2. Job name
3. User name
4. Job number
5. Spool file name
6. User data
7. Spool file status
8. Forms type
9. Printer file
10. Creation date range
11. Age (in days) range

Using SOQ to archive and restore spool files has many benefits. One benefit is that literally thousands of pages of print may be stored on one tape or a few diskettes, thereby reducing storage problems. Another benefit is that by storing seldom-used spool files such as job logs off-line, you make available disk storage that would otherwise be wasted. Finally, with SOQ's ability to restore archived spool files, lost reports may be quickly and easily reproduced without restoring your applications data files and rerunning your applications programs. There are obviously many other benefits to having the ability to archive and restore spool files and SOQ enhances them all through ease of use.

SOQ allows you to archive spool files to and restore spool files from tape, diskette, optical media, or any save file residing on your AS/400. Multiple saves may be performed using the same tape, diskette, or optical media. SOQ will distinguish between the multiple saves when spool files are restored. A history of all archives is kept by SOQ, and may optionally be used to supply the information needed to restore spool files. Using this feature makes restoring spool files a less formidable task to undertake, regardless of how old the spool files are.

Using SOQ to prepare spool files for microfiche also has some advantages. One advantage is that any spool file can be quickly placed on tape or diskette and sent to a COM (Computer Output to Microfiche) laboratory to be placed on microfiche or CD-ROM. This is possible because SOQ provides the standard FCFC control characters that allow the spool file to be interpreted. Therefore, no changes to the way you produce the spool file are necessary. Another advantage is that SOQ provides you reports to help meet any paperwork requirements imposed by your COM laboratory. One report provided by SOQ is the Service Order Information report. This report can be used to help complete service order forms that may be required by your COM laboratory. The Service Order Information report includes tape or diskette labels, sequence numbers, the number of original fiche requested, the number of copy fiche requested, and a description of each spool file to be placed on microfiche or CD-ROM. Another report provided by SOQ is a printed sample of each spool file prepared for microfiche. This report is optional. Printed samples are usually only requested by the COM laboratory the first time a report is processed.

SOQ gives you total control over various aspects of preparing spool files for microfiche or CD-ROM. This is achieved through the use of a microfiche master record. In the microfiche master record you are allowed to specify the description of the spool file, the tape or diskette file name that will be assigned to the spool file, and whether or not a sample of the spool file will be printed. The microfiche master record used by each spool file is determined by the spool file's user data.

SOQ keeps a complete history of all microfiche type saves. This history may be reviewed or deleted at any time.

When using SOQ to duplicate spool files, the duplicates may be placed in the same output queue as the originals or in a different output queue specified by you. As with all SOQ functions, a report is produced indicating the specific action taken with each spool file. This report may be used to determine which output queue the duplicate spool files were placed in, or which spool files were not duplicated and why.

When using SOQ to delete spool files, you will find that your options for grouping spool files far outnumber those available with IBM's **DLTSPLF** command. As with all SOQ functions, a report is produced indicating the specific action taken with each spool file. This report may be used to determine which spool files were not deleted and why.

The delete function of SOQ should be used with extreme caution. Once a spool file is deleted, it is gone forever, unless it was archived using SOQ.

Using SOQ to move spool files from one output queue to another output queue provides spool file control at an unprecedented level. You can use this function to move a spool file or group of related spool files to a specific output queue without having to manually search for the spool file(s). As with all SOQ functions, a report is produced indicating the specific action taken with each spool file. This report may be used to determine which output queue the spool files were moved from and to, or which spool files were not moved and why.

Using SOQ to pass spool files to your COLD storage solution enhances your COLD storage solution with SOQ's flexibility and ease-of-use. With SOQ, you can group, limit, and/or select specific spool files to be passed to your COLD storage solution. SOQ even allows the COLD storage process to take place in a batch environment. As with all other SOQ functions, a report is produced indicating which spool files were processed and which spool files were not processed.

COLD storage interfaces provided with SOQ support the following COLD storage solutions:

- Electronic Storage Corp.'s LaserVault
- Electronic Storage Corp.'s LaserVault Universal Server
- Metafile Information Systems' MetaViewer

Converting spool files to data files using SOQ is both easy and flexible. Groups of spool files to be converted can be identified using any of the criteria listed on the previous page. As with all SOQ functions, a report is produced indicating the action taken with each spool file. This report may be used to determine the data file names assigned, where the data files were placed, and which spool files were not converted and why.

SOQ allows you to convert spool files to either regular OS/400 data files (*EBCDIC) or to PC text files (*ASCII). Regular OS/400 data files are placed in a library specified by you. PC text files are placed in an IFS directory specified by you. Data file names are assigned by SOQ. The data file names assigned are always S*nnnnnnnnn* for regular OS/400 data files and S*nnnnnnnnn*.txt for PC text files.

When using SOQ to convert spool files to data files, two features are available to help determine which data file represents each spool file. The first feature places a "header" record at the beginning of each data file. The second feature produces a "cross-reference" file. Both features are optional and provide specific information to identify the spool file. For more information, see the "Conversion Output File Descriptions" section of this manual.

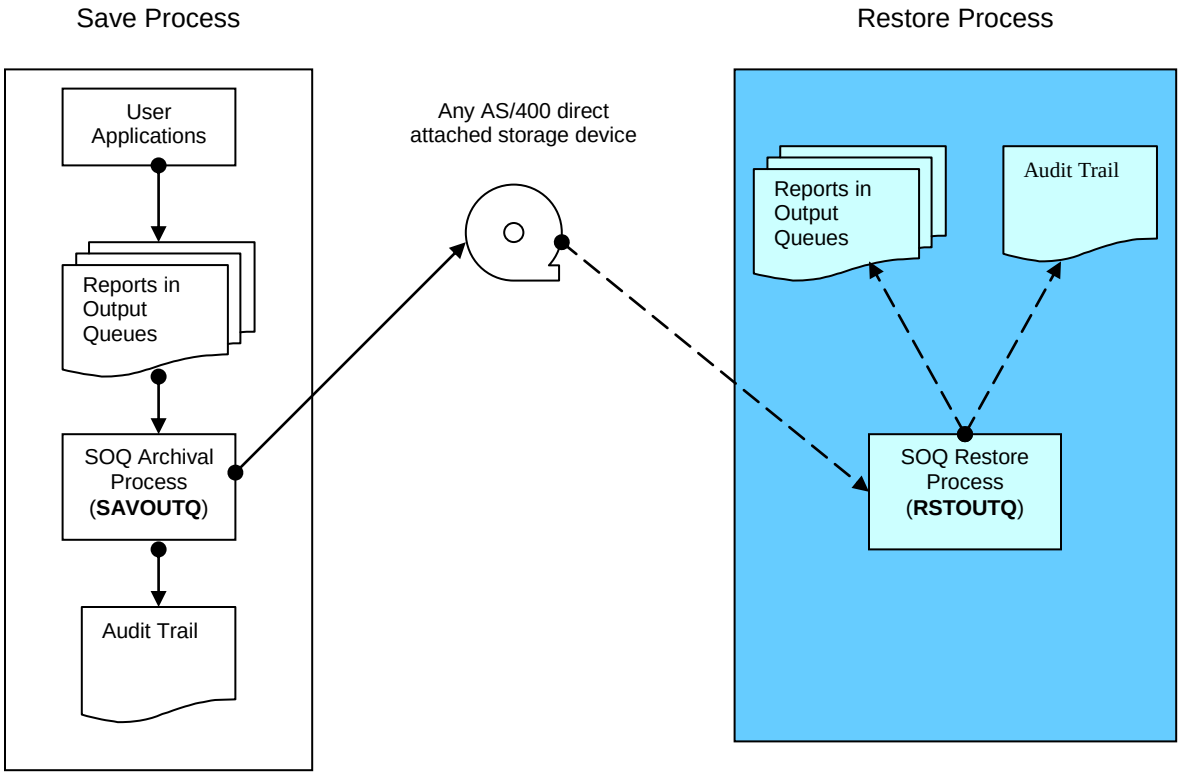
While all eight functions of SOQ may be accessed from the SOQ menus provided, use of the menus is not required. Each function of SOQ is driven by a specific SOQ command. These commands may be executed from any command entry screen, or placed in any of your applications programs. SOQ commands will execute in a batch environment, provided that you do not specify that spool files are to be selected from a list.

An on-line help text support system is included with SOQ. The help system provides you with field level help text for all fields appearing on all screens within SOQ. The help text is presented to you via pop-up windows. To access the help text, simply place the cursor on the desired field and press the **F1** key. The help text for that field will be displayed in a window in the opposite quadrant of the screen. The help text window can be enlarged to a full screen display for easier reading or moved to a new screen location if needed information has been overlaid.

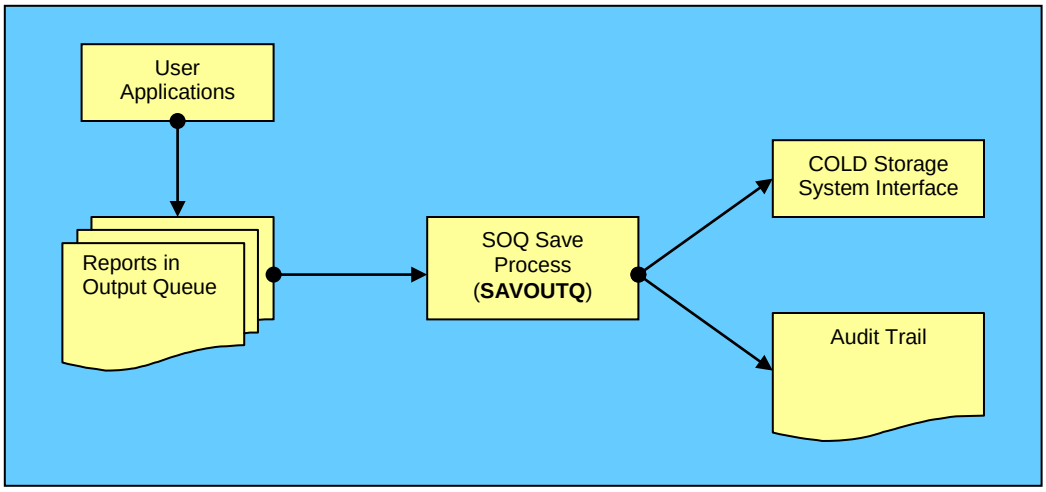
PROCESS FLOWCHARTS

The following flowcharts outline several of Save Output Queue's major functions.

Save/Restore

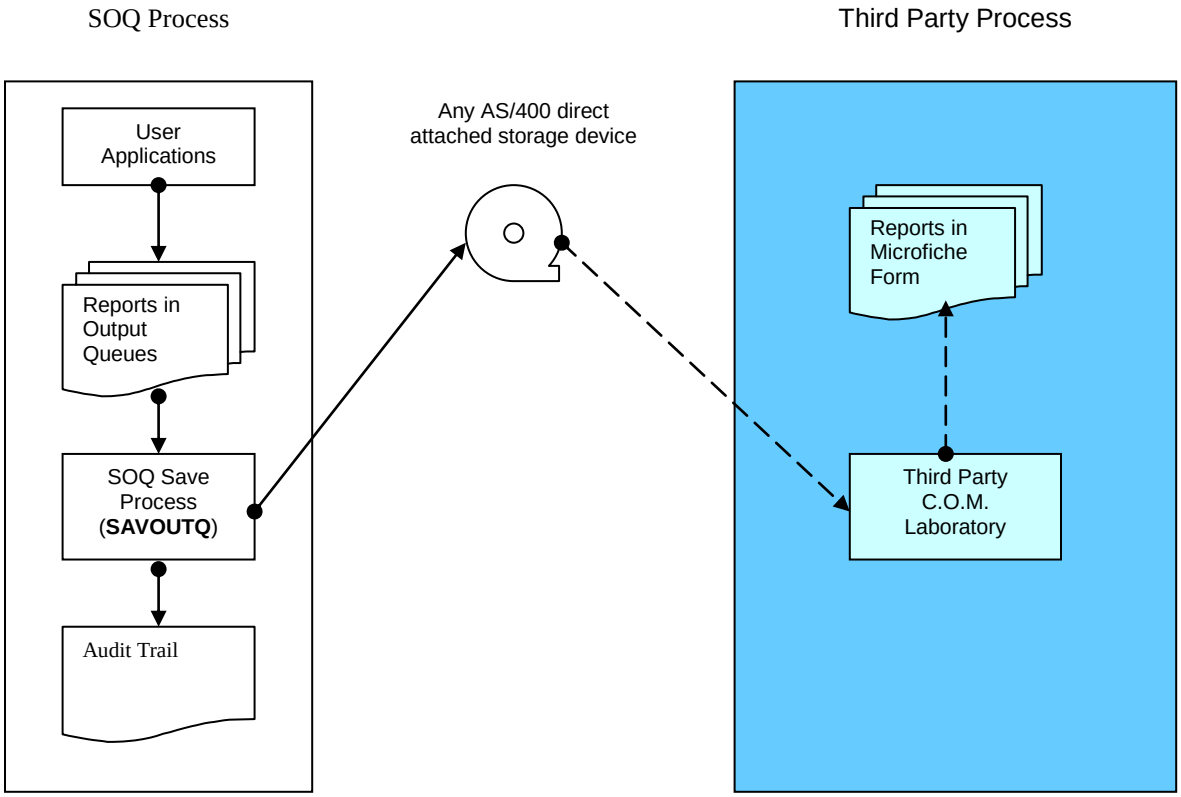


COLD Storage Processing

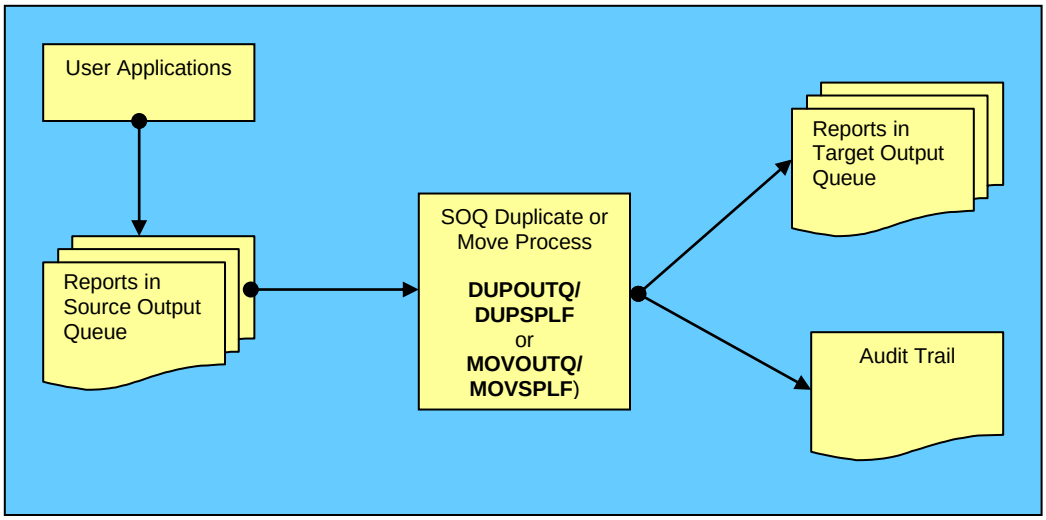


PROCESS FLOWCHARTS (Continued...)

Microfiche Preparation

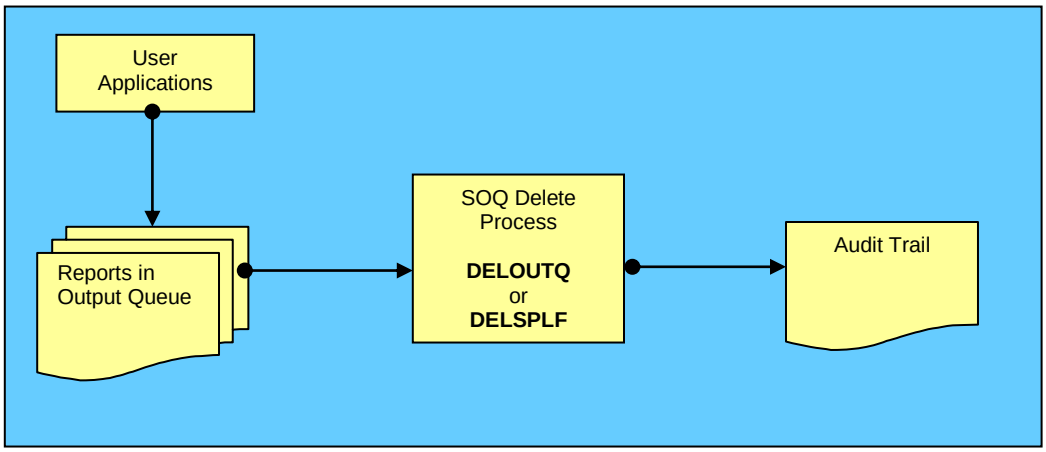


Duplicate/Move

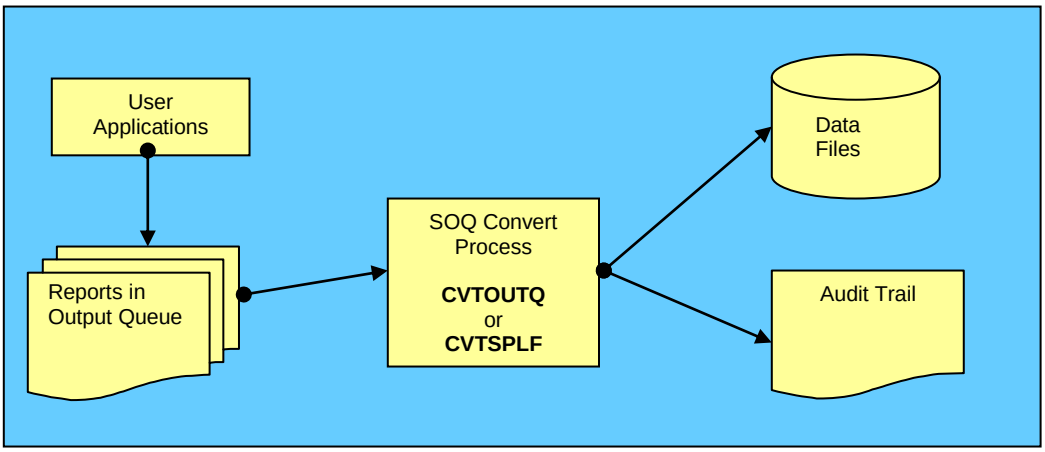


PROCESS FLOWCHARTS (Continued...)

Delete



Convert



ENHANCEMENTS

This version of SOQ contains many enhancements over previous versions of SOQ. The purpose of these enhancements was to evolve SOQ from a spool file utility to a complete spool file management system. A partial list of enhancements provided with this release of SOQ is as follows:

Release 4.00

- An on-line help text support system. Help text is cursor-sensitive and is presented via pop-up windows.
- A new technique for reading output queues and retrieving spool file attributes. This dramatically increases the speed of the **SAVOUTQ** command.
- The prevention of software data compression, limiting data compression to the capabilities of your hardware. This increases the speed of the **SAVOUTQ** command when used with devices that are not capable of data compression. (i.e., 4mm and 8mm tape drives)
- The ability to group spool files across all output queues by using any combination of up to ten different methods to identify the group.
- The ability to prepare a spool file or group of spool files to be placed on microfiche.
- The ability to save spool files to and restore spool files from a save file.
- The ability to duplicate a spool file or group of spool files.
- The ability to delete a spool file or group of spool files.
- The ability to specify an end of tape option for the **SAVOUTQ** and **RSTOUTQ** commands.
- The ability to suppress "mount media" messages issued by SOQ.
- The ability to purge a single entry from the on-line history file.
- An improved Spool Files Saved report. The new report is a 132-column report and provides more information than the old report.
- A Spool Files Restored report. This report lists all spool files restored using the **RSTOUTQ** command.

Release 5.00

- On-line (UIM) help text for all SOQ commands.
- The ability to have SOQ submit save requests to batch. This is accomplished by using the new SUBMIT parameter on the **SAVOUTQ** command.
- The ability to save (archive), restore, and duplicate spool files that contain graphics and/or bar codes.
- A new technique for archiving and restoring spool files. This, once again, improves the execution time for the **SAVOUTQ** and **RSTOUTQ** commands.

Release 6.00

- The ability to save or delete spool files from up to twenty specific output queues with a single command. This enhancement significantly increases SOQ's performance when processing more than one output queue.
- The ability to save or delete spool files from output queues in up to twenty specific libraries with a single command. This enhancement also significantly increases SOQ's performance when processing more than one output queue.
- The ability to specify actual device names while using the **SAVOUTQ** and **RSTOUTQ** commands. Special values *DISKETTE, *SAVF, and *TAPE are also still supported.
- The ability to specify multiple tape device names to be used by a single **SAVOUTQ** or **RSTOUTQ** command.
- The ability to control the issuing of "mount media" messages for both the **SAVOUTQ** and **RSTOUTQ** commands independently of one another.
- Simplified restoring of spool files archived. An entire screen has been removed from this process.

- An improved process for restoring spool files archived to a save file and later transferred to tape.
- Support for new alphanumeric tape densities (i.e., *QIC120, *QIC1000, *FMT3480, etc.) and the special value, *DEVTYPE. Numeric tape densities are also still supported. The tape densities, alphanumeric and numeric, are specified in the Change System Defaults option on the SOQ main menu.
- Improved reporting. Spool files are now processed and listed on reports in a more logical sequence.

Release 7.00

- A new technique for restoring spool files that are saved to a save file before being placed on off-line storage. This enhancement decreases spool file restore time by up to 30%.
- A new technique for processing multiple output queues with a single **SAVOUTQ** command. By combining the spool file selection process with the spool file retrieval process, SOQ now processes only spool files contained within the output queue(s) specified. This enhancement significantly decreases spool file save time when multiple output queues are specified on a single **SAVOUTQ** command.
- Removed the 9,999 spool file per save limitation. The number of spool files that can be processed by a single **SAVOUTQ** command is now unlimited.
- The ability to re-create the "Spool Files Archived" report for any existing archive. This enhancement is intended to assist users in determining the spool files saved where the original "Spool Files Archived" report is not available.
- Improved the user interface by modifying all subfile programs to retain subfile positioning after processing user requests.
- Improved the user interface by providing alternate views (additional information) for all spool file lists. (i.e., saving, restoring, deleting, and duplicating selected spool files.)
- Eliminated the need for I/O System Configuration authority while running SOQ under OS/400 V3R2 and V3R7.
- Provided support for the new spool file attributes introduced with OS/400 V3R7.
- Removed the default output queue "*ALL' from all SOQ commands. This modification was made to eliminate the danger of accidentally processing spool files in all output queues by pressing the **ENTER** key too many times.
- Provided a direct interface to Metafile's MetaViewer C.O.L.D storage solution.
- Provided a direct interface to ESC's LaserVault C.O.L.D storage solution.

Release 7.30

- Provided a new SOQ system default that allows users to control the record blocking factor used by SOQ while producing a microfiche tape.
- Modified the "Spool Files Archived" report to optionally include a summary of volume ID's used during the archive. This summary can be useful where multiple tape volumes are required for a single archive. The summary can be activated and deactivated using a new SOQ system default.
- Provided an alternate print format for all spool files processed reports. The alternate print format replaces the user data and number of pages columns with the spool file creation date and time. The alternate print format is selected via a new SOQ system default.
- Modified **RSTOUTQ** command processing to delete unneeded objects from the QTEMP library rather than depending upon the **RSTOBJ** command to replace them. In some cases, the old method encountered object authority conflicts.
- Modified the technique used by SOQ to retrieve the OS/400 release level. The old technique (using system data areas) is no longer reliable. The new method utilizes IBM-supplied system API's.
- Modified **SAVOUTQ** command processing to retrieve the actual save file library name when spool files are archived to a save file and *LIBL is specified as the save file library name. Prior to this fix, using *LIBL as the save file library name caused problems during the restore process.
- Modified all display programs to eliminate errors caused by attempting to display a blank screen. For example, selecting the restore spool files menu option before any saves had been performed.

- Modified all programs to send security-related messages to the system operator's message queue. Prior to this change, security-related messages were easily missed in batch jobs because the messages only appeared in the batch job's job log.
- Modified all programs using the **RSTOBJ** command to specifically identify the library to which objects should be restored. Prior to this modification, objects were restored to their original library by using the default value *SAVLIB for the RSTLIB parameter of the **RSTOBJ** command. This prevented SOQ from functioning in environments where the **RSTOBJ** command defaults had been modified.
- Modified the SOQ System Defaults maintenance program to accommodate new system defaults.

Release 7.50

- Modified all SOQ programs and commands to recognize and process dates beyond December 31, 1999. This release of SOQ is YEAR 2000 COMPLIANT.
- Enhanced all SOQ commands by allowing generic values to be specified for any of the following parameters: Output Queue name, Job name, User name, Spool File name, User Data, Form Type, and Printer File name.
- Eliminated the need for users to be authorized to OS/400's **ADDRPYLE** and **RMVRPYLE** commands while archiving spool files. These authorities are still needed while spool files are being processed for COLD storage or microfiche.
- Improved editing of the Creation Date Range and Spool File Age Range parameters on all SOQ commands. Invalid ranges now result in an error message rather than simply being ignored.
- Improved the performance of SOQ's **SAVOUTQ**, **DELOUTQ**, and **DUPOUTQ** commands by using a more efficient technique to age spool files.

Release 7.80

- A new installation procedure. The new installation procedure utilizes IBM's **LODRUN** command to simplify installation for new customers as well as existing customers.
- A new command, **MOVOUTQ**. The **MOVOUTQ** command allows users to move spool files from one output queue to another. The spool files to be moved may be grouped using the same parameters available on all other SOQ commands (i.e., User name, Job name, Form type, etc.)
- Exclusion parameters for SOQ commands. Spool files may now be excluded from processing based upon output queue name, job name, user name, job number, spool file name, user data, form type, spool file status, printer file name, creation date range, and age range.
- Support for new spool file attributes introduced with OS/400 V4R2 and V4R3. All new spool file attributes are archived and restored.
- Modified the Restore Spool Files screen to allow lower case characters to be used when entering User data and Form type parameters.
- Modified the restore process to detect and correct invalid values for the spool file alignment parameter. This attribute is sometimes found to be invalid when restoring spool files archived using SOQ Release 3.
- Modified the upgrade process to apply the system default value for save device to the new versions of the **SAVOUTQ** and **RSTOUTQ** commands. Prior to this change, the SOQ System Defaults would show the correct device but the commands would use *TAPE.
- Eliminated the use of the **OPNQRYF** command. A permanent logical file is now used in place of the **OPNQRYF** command. This improves performance mainly because the **OPNQRYF** command was often executed more than once during a single SOQ function.

Release 7.90

- Introduced two new Save Output Queue System Defaults to help manage the SOQ On-line History File. The first new System Default establishes a "maximum records" threshold and the second new System Default determines the action to be taken when the threshold is exceeded.

- Expanded the Spool File Count field in the SOQ On-line History File. This change is reflected on the "Work With On-line History" display as well as on all "Spool Files Processed" reports.
- Enhanced the "Work With On-line History" display with several list navigation tools. Users now have the ability to position the list of saves by date, use the **F17** key to jump to the top of the list, and use the **F18** key to jump to the bottom of the list.
- Enhanced the "Work With On-line History" display to show all parameters specified on the **SAVOUTQ** command. This enhancement allows users to view all save criteria including multiple output queues, generic values, exclusion parameters, etc.
- Modified the "Work With On-line History" program to function normally when more than 10,000 records exist in the SOQ On-line History File. Prior to this modification, the program would "crash" when more than 10,000 records existed in the SOQ On-line History File.
- Enhanced the "Restore Spool Files" and the "Restore Selected Spool Files" displays with the same list navigation tools provided for the "Work With On-line History" display. Users now have the ability to position the list of saves by date, use the **F17** key to jump to the top of the list, and use the **F18** key to jump to the bottom of the list.
- Modified the "Restore Spool Files" and the "Restore Selected Spool Files" displays to use the device name(s) specified on the **SAVOUTQ** command as the default Restore From Device Name(s). In cases where the same device(s) is used for saving and restoring (most cases), this will eliminate the need for keying a device name.
- Enhanced the Save, Restore, Delete, Duplicate, and Move selected spool files displays to allow viewing of all command parameters while selecting spool files from the list. This enhancement allows users to review the criteria used to create the list without having to exit the list.
- Modified the Save, Restore, Delete, Duplicate, and Move selected spool files programs to function normally when more than 10,000 spool files exist in the selection list. Prior to this modification, the program would "crash" when more than 10,000 spool files existed in the list.

Release 8.00

- Updated the Save Output Queue User's Guide.
- Added print format 2 for the "Spool Files Moved" report.
- Made minor cosmetic changes to the user interface.
- Functional changes postponed until after January 1, 2000.

Release 8.20

- Re-structured the SOQ Menus. SOQ system management functions are now isolated on the new SOQ System Management Menu. Removing system management functions from all other SOQ menus provides room for future options and helps eliminate accidental selection of the system management functions.
- A new command, **CVTOUTQ**. The **CVTOUTQ** command allows users to convert spool files to data files. The spool files to be converted may be grouped using the same parameters available on all other SOQ commands (i.e., User name, Job name, Form type, etc.). This command can output regular OS/400 data files to any OS/400 library or PC text (*ASCII) files to any IFS directory.
- Enhanced the purge process for the SOQ On-line History File. This enhancement gives users the ability to purge the oldest *nnnn* records of a specified type (Archive, Microfiche, and/or COLD Storage).
- Fixed a problem with the **DUPOUTQ** command that caused a false error message to be issued when very large (over 16 megabytes) spool files were duplicated.

- Fixed a problem with all SOQ functions that prevented SOQ from processing output queues containing more than 100,000 spool files.
- Updated the Save Output Queue User's Guide. The User's Guide has been updated to reflect the re-structured menus and to document the new **CVTOUTQ** command.
- Distribution of a .PDF version of the SOQ User's Guide. This version of the User's Guide is included on all SOQ CD-ROM distribution media. For customers that cannot utilize CD-ROM as distribution media (CISC AS/400's), the .PDF version of the User's Guide is available on a CD-ROM by itself.

Release 8.30

- Updated editing for the **CVTOUTQ** command. The QDLS directory and its subdirectories are no longer valid on the *IFS directory for output files* parameter. This change was necessary due to file naming restrictions associated with QDLS and its subdirectories.
- A new parameter on the **SAVOUTQ** command. A *Target release* parameter has been added to the **SAVOUTQ** command. This parameter provides support for archiving spool files on one AS/400 and restoring the spool files on another AS/400 running an older version of OS/400. This enhancement is primarily intended to assist customers in performing disaster recovery and/or disaster recovery testing on an AS/400 running a different version of OS/400.
- Updated the Save Output Queue User's Guide. The User's Guide has been updated document the new *Target release* parameter available on the **SAVOUTQ** command.
- As with the previous release, an updated .PDF version of the SOQ User's Guide is included on all SOQ CD-ROM distribution media. For customers that cannot utilize CD-ROM as distribution media (CISC AS/400's), the .PDF version of the User's Guide is available on a CD-ROM by itself.

Release 8.50

- Modified the **RSTOUTQ** command processing to correctly process the *From date* and *Through date* exclusion parameters. Prior to this fix, the *From date* and *Through date* exclusion parameters on the **RSTOUTQ** command were ignored.
- Modified all Save Output Queue commands to properly display the number of spool files <u>not</u> processed in the command completion message. Prior to this fix, the number of spool files <u>not</u> processed was truncated in the completion messages. This problem was cosmetic only and did not affect the performance of Save Output Queue commands.
- Added support for spool file status "deferred" (DFR) to all Save Output Queue commands. This enhancement allows spool files to be processed or excluded from processing based upon a *Status* of DFR.
- Added support for spool file status "open" (OPN) to the **DELOUTQ** command. This enhancement allows spool files to be processed or excluded from processing based upon a *Status* of OPN.
- Added description text to all Save Output Queue objects placed in QGPL during installation and upgrading. This modification simply makes identification of Save Output Queue objects easier when viewing the contents of the QGPL library.
- Added a new completion screen to the installation and upgrading process. This screen verifies that installation or upgrading is complete and validates the Save Output Queue security code.
- Four new commands, **CVTSPLF**, **DELSPLF**, **DUPSPLF**, and **MOVSPLF**. These commands perform the same functions as their ***xxx*OUTQ** counterparts, except that the ***xxx*SPLF** commands allow for processing a single spool file. Single spool files are identified using spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the single spool file being processed was created by the same job that is executing the ***xxx*SPLF** command, the single spool file can be identified by spool file name and special values (i.e. *Job name* *CURRENT and *Spool file number* *LAST).
- As with previous releases, an updated .PDF version of the SOQ User's Guide is included on all SOQ CD-ROM distribution media. For customers that cannot utilize CD-ROM as distribution media (CISC AS/400's), the .PDF version of the User's Guide is available on a CD-ROM by itself.

Release 8.60

- Modified the installation process to allow users to indicate whether or not SOQ commands should be copied into the QGPL library. This enhancement should eliminate conflicts with other third party commands with names matching SOQ commands.
- Modified the removal process to prompt users before deleting SOQ commands from the QGPL library. This enhancement is should prevent the un-install program from deleting non-SOQ commands residing in QGPL with names matching SOQ commands.
- Added support for new spool file attributes introduced with OS/400 V5R1. All new spool file attributes are retained as spool files are archived, restored, moved, and/or duplicated by SOQ.
- Modified all SOQ screens and reports to display and print the spool file number attribute as a six-digit number. This enhancement was necessary to support six-digit spool file numbers introduced in OS/400 V5R1.
- As with previous releases, an updated .PDF version of the SOQ User's Guide is included on all SOQ CD-ROM distribution media. For customers that cannot utilize CD-ROM as distribution media (CISC AS/400's), the .PDF version of the User's Guide is available on a CD-ROM by itself.

Release 8.70

- Added support for archiving to and restoring from direct attached and write-capable optical devices. This enhancement is only available to customers using OS/400 versions that support such devices.

- Added a new command (**SAVSPLF**) for archiving individual spool files. This command performs the same function as the **SAVOUTQ** command, except that the **SAVSPLF** command allows processing of a single spool file. Single spool files are identified using spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the single spool file being processed was created by the same job that is executing the **SAVSPLF** command, the single spool file can be identified by spool file name and special values (i.e. *Job name* *CURRENT and *Spool file number* *LAST).

- Added a new SOQ System Default for optimization. When this system default is set to optimize saves for speed, SOQ archive performance can be improved by as much as ten-fold. Restore performance is also improved significantly.

- Added support for User Library Lists exceeding 25 libraries. This is sometimes referred to as an extended library list.

- Corrected all SOQ status messages to correctly and accurately identify each spool file as it is processed. This fixes an error that was introduced with the support of six-digit spool file numbers.

- Updated the SOQ packaging and documentation. This change makes SOQ easier to use by presenting information in a more manageable format. Also, by not printing the entire reference portion of our manual (now the *SOQ Reference Manual* on the CD-ROM), we should save a few trees.

- As with previous releases, an updated .PDF version of the *SOQ Reference Manual* is included on all SOQ CD-ROM distribution media.

Release 8.80

- Added support for Media Library (MLB) devices. This enhancement allows SOQ to work seamlessly with media library management solutions that utilize virtual, MLB, devices. Support for MLB devices is achieved via the new SOQ Media Library Device Directory.

- Added the new command, **PURGESOQOH**, for purging the SOQ On-Line History file. This command performs the same function as option 04 on the SOQ System Maintenance Menu. However, the **PURGESOQOH** command enhances the purging process by providing the option of purging in a batch environment via use of the SBMJOB command. The **PURGESOQOH** command can also be used in conjunction with a job scheduler to provide consistent and automated purging of the SOQ On-Line History file.

- Enhanced the SOQ installation and upgrade processes to prevent common errors. The enhanced processes insure proper sign on, check for OS/400 system value conflicts, and provide additional feedback to the user during the installation or upgrade process.

- Improved message handling and feedback for the **CVTOUTQ**, **CVTSPLF**, **DELOUTQ**, **DELSPLF**, **MOVOUTQ** and **MOVSPLF** commands. This enhancement addresses the handling of new error, notification, and completion messages introduced in the later versions of OS/400. These messages are now handled accordingly and do not cause the application to end abnormally.

- Improved cursor position retention when switching between different views of a single list. Cursor position is now retained down to the list entry level. Prior to this enhancement, lists were kept on the same page but the cursor was always repositioned to the first entry on the page.

- As with previous releases, an updated .PDF version of the *SOQ Reference Manual* is included on all SOQ CD-ROM distribution media.

Release 8.81

- Updated all screens, messages, and documentation to reflect the new WorksRight Software, Inc. company name. This change was necessary due to the merger of Generic Software, Inc. and WorksRight Software, Inc.

Release 8.85

- Provided a direct interface to ESC's LaserVault Universal Server C.O.L.D storage solution. This interface is capable of functioning with both the FTP and LPR implementations of LaserVault Universal Server.

- As with previous releases, an updated .PDF version of the *SOQ Reference Manual* is included on all SOQ CD-ROM distribution media.

Release 8.90

- Improved performance for large restores. This enhancement significantly reduces the amount of time required to restore a large number of spooled files that were saved to an OS/400 Save File or saved with the SOQ System Default set to optimize for maximum speed.

- Added a new SOQ System Default that allows ownership of restored and duplicated spool files to be assigned to the restoring user.

- Modified the CVTOUTQ and CVTSPLF commands to give *PUBLIC authority to view and process ASCII text files placed in an IFS directory.

- Updated all screens to provide a more consistent OS/400-like appearance. Function key legends are now blue, screen headings are mixed case, and all multi-page lists use the *More…* and *Bottom* indicators.

- Enhanced list generation for faster display. All multi-page lists are now built in sections. This enhancement provides a faster initial display of the list.

- Added subset capabilities to all multi-page lists. The subset feature allows users to quickly limit list entries (spool files and/or saves) to only those desired for processing.

- Fixed the *position to* function of the Work With On-Line History file program so that when a date beyond the end of the list is specified, the last page of the list is displayed.

- Fixed spool file selection screens to eliminate all non-selected spool files from processing. Prior to this fix, if more than 9999 spool files were in the list, spool files 9999 through the end of the list were processed even if they weren't selected.

- As with previous releases, an updated .PDF version of the *SOQ Reference Manual* is included on all SOQ CD-ROM distribution media.

Release 8.93

- Fixed the Work With On-Line History program to properly display all output queues processed by SOQ. Prior to this fix, some output queues were omitted from the list of output queues displayed.

Release 8.95

- Modified the installation of SOQ as follows:
  1. Added license agreement acceptance screen. SOQ is now self-licensing. The license agreement is accepted at installation time. Returning a signed license agreement is no longer required.
  2. It is no longer a requirement that users sign on as QSECOFR to install SOQ. Installing users must, however, have the special authorities *ALLOBJ and *SECADM.

- Enhanced the optical media interface as follows:
  1. If the optical media is not in a ready status when a save or restore process begins, SOQ will retry several times in an attempt to wait for the media to become ready.
  2. All save operations now use the CLEAR(*NONE) parameter.

- Modified all SOQ commands to give *PUBLIC management authority. This modification allows SOQ System Defaults to be successfully modified by users with limited authority.

- Modified the SAVOUTQ command as follows:
  1. When saving spooled files with the SOQ System Default set to "Optimize for speed", the internal Save File is now created with *PUBLIC having *ALL authority. This eliminates authority issues encountered when spooled files are restored by a user other than the user that saved the spooled files.
  2. A new edit has been added to check for a non-labeled tape. Non-labeled tapes are tapes that have been initialized with no volume id. Non-labeled tapes cannot be used with OS/400 SAVOBJ and RSTOBJ commands.

3. A new default text is recorded in the On-line History file if the TEXT parameter of the SAVOUTQ command is left to its default value of *NONE. The new default text reads: "*OUTQ: Outq Lib/Outq Name 99999 Splfs processed*".

- Modified the RSTOUTQ command as follows:
  1. A new edit has been added to check for a valid RSTNDX parameter. The value specified must begin with the letter "I" followed by a 5-digit number within the valid range of 00001 and 99999. Example: I01234.
  2. Added a new "Use on-line history file (USEOLHF)" parameter. The USEOLHF parameter can be used to prevent SOQ from using the On-Line History File when processing the RSTOUTQ command. This is useful when spooled files are saved on one system and restored on a different system where a conflicting record exists in the On-Line History File.
  3. The command now bypasses any empty Save Files encountered while restoring from tape. Prior to this modification, the restore process would stop when an empty Save File was encountered.

- Modified the CVTOUTQ and CVTSPLF commands to always use the system reply list when responding to inquiry messages.

- Modified save and restore functions to correctly recognize and process the special values *TAPE, *DISKETTE, and *OPTICAL. This modification was necessary due to a change in command processing introduced with OS/400 V5R2.

- Enhanced support for Media Library (MLB) devices. All tape functions now recognize and use the correct volume identifier. Prior to this enhancement, under specific circumstances, the volume identifier was left at its default value of *MOUNTED.

- As with previous releases, an updated .PDF version of the *SOQ Reference Manual* is included on all SOQ CD-ROM distribution media.

YEAR 2000 COMPLIANCE

This release of Save Output Queue is YEAR 2000 COMPLIANT. Save Output Queue will recognize and correctly process dates beyond December 31, 1999.

SOQ accepts date values as input in two ways: as screen input and as a parameter value for a SOQ command (i.e., **SAVOUTQ**, **RSTOUTQ**, etc.). When a date is specified as screen input, the date must be entered in the six-digit date format specified as your system's date format. In this case, all dates are assumed to be within the range of January 1, 1940 and December 31, 2039. The value 021405 in the *MDY format would be February 14, 2005.

When a date is specified as a parameter value for a SOQ command, the date may be entered in the six-digit or eight-digit version of your system's date format. February 14, 2005, can be entered as either 021405 or 02142005 if your system's date format is *MDY. If the six-digit format is used, all dates are assumed to be within the range of January 1, 1940 and December 31, 2039. If the eight-digit format is used, dates must be within the range of August 24, 1928 and May 9, 2071.

All dates presented as output by SOQ (screen or print) are presented in the six-digit version of your system's date format.

WARRANTY

WorksRight Software, Inc. warrants that Save Output Queue (SOQ) will generally perform as advertised. Due care and effort have been used in the design and coding of Save Output Queue (SOQ).

The user of Save Output Queue (SOQ) bears a responsibility to use diligence and care in the use of Save Output Queue (SOQ). The user must review the results produced by Save Output Queue (SOQ) and exercise judgment as to the fitness of Save Output Queue (SOQ) for use in their business.

In the event that any error in Save Output Queue (SOQ) is discovered, WorksRight Software, Inc. will make every reasonable effort to correct the error. In any event, WorksRight Software, Inc.'s liability will be limited to the purchase price of Save Output Queue (SOQ).

INSTALLATION

The installation of SOQ should have no effect on other applications already residing on your system. This installation process will, however, optionally place thirteen new commands in the library QGPL. Whether or not each command is actually placed in the library QGPL is determined by the "action to take" specified on the SOQ Command Installation Prompt screen presented during the installation process.

The first and second commands optionally placed in the library QGPL are the **SAVOUTQ** and **SAVSPLF** commands. These commands allow you to save spool files without using the SOQ menus. When using the **SAVOUTQ** command to save spool files, various parameters may be specified to indicate the type of save and which spool files are to be saved. This command may be used in a batch environment only if SPLF(*ALL) is specified. When using the **SAVSPLF** command to save a single spool file, the spool file to be saved is identified by spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the spool file to be saved was created by the same job that is executing the **SAVSPLF** command, the spool file can be identified by spool file name and special values (i.e. JOB(*CURRENT) and SPLNBR(*LAST)).

The third command optionally placed in the library QGPL is the **RSTOUTQ** command. This command allows you to restore spool files without using the SOQ menus. When using this command to restore spool files, the save index name must be known. This command also allows you to limit the restore function to specific spool files based on optional parameters provided. This command may be used in a batch environment only if RSTSPLF(*ALL) is specified.

The fourth and fifth commands optionally placed in the library QGPL are the **DUPOUTQ** and **DUPSPLF** commands. These commands allow you to duplicate spool files without using the SOQ menus. When using the **DUPOUTQ** command to duplicate spool files, various parameters may be specified to limit duplication to specific spool files. This command may be used in a batch environment only if DUPSPLF(*ALL) is specified. When using the **DUPSPLF** command to duplicate a single spool file, the spool file to be duplicated is identified by spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the spool file to be duplicated was created by the same job that is executing the **DUPSPLF** command, the spool file can be identified by spool file name and special values (i.e. JOB(*CURRENT) and SPLNBR(*LAST)).

The sixth and seventh commands optionally placed in the library QGPL are the **DELOUTQ** and **DELSPLF** commands. These commands allow you to delete spool files without using the SOQ menus. When using the **DELOUTQ** command to delete spool files, various parameters may be specified to limit deletion to specific spool files. This command may be used in a batch environment only if DELSPLF(*ALL) is specified. When using the **DELSPLF** command to delete a single spool file, the spool file to be deleted is identified by spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the spool file to be deleted was created by the same job that is executing the **DELSPLF** command, the spool file can be identified by spool file name and special values (i.e. JOB(*CURRENT) and SPLNBR(*LAST)).

The eighth and ninth commands optionally placed in the library QGPL are the **MOVOUTQ** and **MOVSPLF** commands. These commands allow you to move spool files from one output queue to another without using the SOQ menus. When using the **MOVOUTQ** command to move spool files, various parameters may be specified to determine which spool files are moved. This command may be used in a batch environment only if MOVSPLF(*ALL) is specified. When using the **MOVSPLF** command to move a single spool file, the spool file to be moved is identified by spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the spool file to be moved was created by the same job that is executing the **MOVSPLF** command, the spool file can be identified by spool file name and special values (i.e. JOB(*CURRENT) and SPLNBR(*LAST)).

The tenth and eleventh commands optionally placed in the library QGPL are the **CVTOUTQ** and **CVTSPLF** commands. These commands allow you to convert spool files to data files without using the SOQ menus. When using the **CVTOUTQ** command to convert spool files to data files, various parameters may be specified to determine which spool files are converted. This command may be used in a batch environment only if CVTSPLF(*ALL) is specified. When using the **CVTSPLF** command to convert a single spool file to a data file, the spool file to be converted is identified by spool file name and spool file number, and the job name, user name, and job number of the job that created the spool file. If the spool file to be converted was created by the same job that is executing the **CVTSPLF** command, the spool file can be identified by spool file name and special values (i.e. JOB(*CURRENT) and SPLNBR(*LAST)).

The twelfth command optionally placed in the library QGPL is the **PURGESOQOH** command. This command allows you to purge the SOQ On-line History File without using the SOQ menus. When using the **PURGESOQOH** command to purge the On-line History File, various parameters may be specified to determine which history records are purged. This command may be used in a batch environment. Executing this command on a regular basis via a job scheduler provides consistent and automatic purging of the SOQ On-line History file.

The thirteenth command optionally placed in the library QGPL is the **SOQ** command. This command provides direct access to any of the four SOQ menus from any command entry display. The **SOQ** command uses a single (optional) parameter to determine which menu is displayed. Typing the **SOQ** command by itself and pressing ENTER will cause the SOQ Archival Menu to be displayed. Typing the **SOQ** command with the following MENU parameter values will cause the associated menu to be displayed:

- **SOQ** MENU(*ARC) - The SOQ Archival Menu is displayed
- **SOQ** MENU(*CS) - The SOQ COLD Storage Menu is displayed
- **SOQ** MENU(*MF) - The SOQ Microfiche Menu is displayed
- **SOQ** MENU(*SYS) - The SOQ System Maintenance Menu is displayed

Whether you are a currently using an older version of SOQ or you are installing SOQ for the first time, these instructions will step you through loading this release of SOQ. To install SOQ, sign on at any workstation as a user with both *ALLOBJ and *SECADM special authorities and follow the installation steps below using your CD-ROM device name.

1. If an older release of Save Output Queue is already installed on your AS/400, be sure that no one is using Save Output Queue.

2. Load the Save Output Queue CD-ROM.

3. At a command entry display, enter the following command:
   LODRUN DEV(device name)
   ...and press **ENTER**.

4. After a few moments, the Program License Agreement will be displayed. After reviewing the Program License Agreement, press F14 to accept the agreement. This is a one-time requirement. When loading future SOQ updates, you will not be asked to accept the agreement again unless the terms of the agreement change.

   Note: If you do not accept the license agreement by pressing F14, the installation process will not continue.

5. After accepting the Program License Agreement, the SOQ Command Installation Prompt screen will be displayed. This screen allows you to indicate which SOQ commands, if any, should be placed in the QGPL library during installation. Placing SOQ commands in QGPL allows users to access the SOQ commands without having to qualify the commands with the SOQ library name.

6. Upon exiting the SOQ Command Installation Prompt screen, you will be prompted for your 17-digit security code.

   Note: If you are upgrading from release 8.*xx* to release 8.*xx*, you will not be prompted for a new security code. Your existing security code will be used.

7. After keying your 17-digit security code and pressing **ENTER**, the SOQ Installation/Upgrade Confirmation screen will be displayed. This screen confirms the completion of the installation/upgrade process and provides status information relating to the 17-digit security code entered.

8. Upon exiting the SOQ Installation/Upgrade Confirmation screen, the SOQ System Maintenance Menu will appear. SOQ is now installed and ready for use. The first thing you should do is use option 01 to check the SOQ system defaults. If you were previously using release 3.*xx*, 4.*xx*, 5.*xx*, 6.*xx*, 7.*xx* or 8.*xx*, all SOQ system defaults should have been carried forward to the new release. All entries from your previous release's master index/history file should have also been carried forward and placed in the new SOQ history file.

9. If you were previously using SOQ release 3.*xx*, 4.*xx*, 5.*xx*, 6.*xx*, 7.*xx* or 8.*xx*, you can delete the old release when you are satisfied that the new release of SOQ is working properly.

   To delete the old release, sign on at any workstation as a user with both *ALLOBJ and *SECADM special authorities and enter the following command:

   DLTLIB LIB(SOQOLD)
   ...and press **ENTER**.

10. If you were previously using SOQ release 1.*xx* or 2.*xx*, you should leave the old release on your system as long as you have a need to restore spool files that were saved using the older release. SOQ release 8.*xx* will not restore spool files saved using release 1.*xx* or 2.*xx*. After upgrading, SOQ release 1.*xx* and 2.*xx* commands may be accessed by qualifying them with the SOQ#LIB library name. The following are examples of how each command would be entered:

    SOQ#LIB/SAVOUTQ

    SOQ#LIB/RSTOUTQ

    SOQ#LIB/SOQ

    Once you decide that you no longer need SOQ release 1.*xx* or 2.*xx* for restoring old saves, you can delete the old release.

    To delete the old release, sign on at any workstation as a user with both *ALLOBJ and *SECADM special authorities and enter the following command:

    DLTLIB LIB(SOQ#LIB)
    ...and press **ENTER**.

REMOVING SOQ FROM YOUR SYSTEM

To uninstall SOQ, sign on at any workstation as a user with both *ALLOBJ and *SECADM special authorities and follow the steps below.

1. At a command entry display, enter the following command:

   CALL PGM(SOQLIB/SOQUNINSTL)
   ...and press **ENTER**.

2. After a few moments, the SOQ Command Removal Prompt screen will be displayed. This screen allows you to indicate which SOQ commands, if any, should be deleted from the QGPL library during the removal process. The purpose if this screen is to prevent the un-install program from deleting other third party commands from QGPL that happen to have the same name as an SOQ command.

3. After confirming the actions to be taken on the SOQ Command Removal Prompt screen, enter the following command:

   DLTLIB LIB(SOQLIB)
   ...and press **ENTER**.

SOQ and all objects associated with it are now completely removed from your system. This uninstall procedure was written to insure that no files or other objects are left on your system after using SOQ.

SECURITY

There are three SOQ programs that adopt security officer authority. These programs are SOR020, SOR080 and SOR090. It is necessary for these programs to adopt authority so that they can access the IBM-supplied API's used to read and write directly from and to spool files.

If you do not wish for ANY authorities to be adopted, you can use the **CHGPGM** command to change the three programs named above to USRPRF(*USER). If this is done, however, you must also make sure that any user using SOQ has *USE authority to the following programs:

1. QSYS/QUSRSPLA
2. QSYS/QUSCRTUS
3. QSYS/QSPOPNSP
4. QSYS/QSPGETSP
5. QSYS/QSPCLOSP
6. QSYS/QUSRTVUS
7. QSYS/QUSCHGUS
8. QSYS/QSPCRTSP
9. QSYS/QSPPUTSP

Except for the three programs named above (SOR020, SOR080 and SOR090), all SOQ programs operate with the user's authority. By not adopting authorities, SOQ programs observe all security features in effect on your system.

GETTING STARTED USING SOQ

The following instructions were written to help you get started using SOQ as quickly as possible. Each of SOQ's eight functions is discussed. The following instructions assume that you have completed the installation process and have set your SOQ system defaults to meet your needs. If you have not installed this release of SOQ, you should do so before continuing.

Using SOQ To Archive Spool Files

To archive spool files using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Initialize the tape, diskette, or optical media to be used. This step is not required if your tape, diskette, or optical media is already initialized in a *SAVRST format with a standard label or if you are archiving spool files to a save file. See the "Initialize Save/Restore Media" section of this manual for details.

3. Select option 01 or 02 from the SOQ Archival Menu. Option 01 will save all spool files on your system that meet all of the criteria specified. Option 02 will only list for your selection all spool files on your system that meet all of the criteria specified.

4. Enter or modify all desired parameters for the **SAVOUTQ** command and press **ENTER**. For a definition of each parameter see the "Save Spool Files" section of this manual.

5. If option 02 was used in step 3, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be archived with an option "1."

All spool files meeting the criteria specified on the **SAVOUTQ** prompt screen (and selected if menu option 02 was used) will be saved. Review the Spool Files Saved report to verify that spool files were saved successfully.

The steps above outline the process of archiving spool files using the SOQ Archival Menu. Spool files may also be archived by executing the **SAVOUTQ** and **SAVSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Restore Spool Files

To restore spool files that have been archived using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Select option 03 or 04 from the SOQ Archival Menu. Option 03 will restore all spool files archived that meet all of the restore criteria specified. Option 04 will only list for your selection all spool files archived that meet all of the restore criteria specified.

3. Select the appropriate archive from the list and press **ENTER**.

4. Enter or modify the restore criteria to be used and press **ENTER**. If option 03 was selected in step 2, you may press **F6** while on this screen to submit the restore function to batch.

5. If option 04 was used in step 2, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be restored with an option "1."

All spool files meeting the restore criteria specified in step 4 (and selected if menu option 04 was used) will be restored. Review the Spool Files Restored report to verify that spool files were restored successfully.

The steps above outline the process of restoring spool files using the SOQ Archival Menu. Spool files may also be restored by executing the **RSTOUTQ** command directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Pass Spool Files To Your COLD Storage Solution

To pass spool files to your COLD storage solution, follow the steps outlined below:

1. Get to the SOQ COLD Storage Menu. This can be accomplished by entering the command **SOQ** MENU(*CS) at any command entry display and pressing **ENTER**.

2. Be sure that you have indicated which SOQ COLD Storage system interface is to be used. This can be accomplished by using option 01 on the SOQ System Maintenance Menu. For more information, see the "Change System Defaults" section of this manual.

3. Select option 01 or 02 from the SOQ COLD Storage Menu. Option 01 will pass to your COLD storage solution all spool files on your system that meet all of the criteria specified. Option 02 will only list for your selection all spool files on your system that meet all of the criteria specified.

4. Enter or modify all desired parameters for the **SAVOUTQ** command and press **ENTER**. For a definition of each parameter see the "Save Spool Files" section of this manual.

5. If option 02 was used in step 3, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be passed to your COLD storage solution with an option "1."

All spool files meeting the criteria specified on the **SAVOUTQ** prompt screen (and selected if menu option 02 was used) will be passed to your COLD storage solution. Review the "Spool Files Passed To COLD Storage System" report to verify that spool files were processed successfully.

The steps above outline the process of passing spool files to your COLD storage solution using the SOQ COLD Storage Menu. Spool files may also be passed to your COLD storage solution by executing the **SAVOUTQ** and **SAVSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Prepare Spool Files For Microfiche

To prepare spool files for microfiche using SOQ, follow the steps outlined below:

1. Get to the SOQ Microfiche Menu. This can be accomplished by entering the command **SOQ** MENU(*MF) at any command entry display and pressing **ENTER**.

2. Be sure that a microfiche master record exists for each of spool file that is to be prepared for microfiche. This can be accomplished by using option 02 on the SOQ System Maintenance Menu. Each spool file's user data must match a microfiche master record before it may be prepared for microfiche. For more information, see the "Maintain Microfiche Master File" section of this manual.

3. Initialize the tape or diskette to be used. See the "Initialize Save/Restore Media" section of this manual for details.

4. Select option 01 or 02 from the SOQ Microfiche Menu. Option 01 will prepare for microfiche all spool files on your system that meet all of the criteria specified. Option 02 will only list for your selection all spool files on your system that meet all of the criteria specified.

5. Enter or modify all desired parameters for the **SAVOUTQ** command and press **ENTER**. For a definition of each parameter see the "Save Spool Files" section of this manual.

6. If option 02 was used in step 4, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be prepared for microfiche with an option "1."

All spool files meeting the criteria specified on the **SAVOUTQ** prompt screen (and selected if menu option 02 was used) will be prepared for microfiche. Review the Spool Files Prepared For Microfiche report to verify that spool files were processed successfully.

SOQ uses ANSI first-character forms-control (FCFC) codes to communicate report spacing information to your COM laboratory. If your COM laboratory is not familiar with these codes, the table below may be useful.

Code	Action before printing	Code	Action before printing
' '	Space one line	'5'	Skip to next channel 05
'0'	Space two lines	'6'	Skip to next channel 06
'-'	Space three lines	'7'	Skip to next channel 07
'+'	Suppress space	'8'	Skip to next channel 08
'1'	Skip to next channel 01	'9'	Skip to next channel 09
'2'	Skip to next channel 02	'A'	Skip to next channel 10
'3'	Skip to next channel 03	'B'	Skip to next channel 11
'4'	Skip to next channel 04	'C'	Skip to next channel 12

As the name implies, an FCFC code will be the first character of each record placed in the tape/diskette file. Note that FCFC codes indicate action to be taken before the line is printed.

The steps above outline the process of preparing spool files for microfiche using the SOQ Microfiche Menu. Spool files may also be prepared for microfiche by executing the **SAVOUTQ** and **SAVSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Duplicate Spool Files

To duplicate spool files using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Select option 09 or 10 from the SOQ Archival Menu. Option 09 will duplicate all spool files on your system that meet all of the criteria specified. Option 10 will only list for your selection all spool files on your system that meet all of the criteria specified.

3. Enter or modify all desired parameters for the **DUPOUTQ** command and press **ENTER**. For a definition of each parameter see the "Duplicate Spool Files" section of this manual.

4. If option 10 was used in step 2, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be duplicated with an option "1."

All spool files meeting the criteria specified on the **DUPOUTQ** prompt screen (and selected if menu option 10 was used) will be duplicated. Review the Spool Files Duplicated report to verify that spool files were duplicated successfully.

The steps above outline the process of duplicating spool files using the SOQ Archival Menu. Spool files may also be duplicated by using options 07 and 08 on the SOQ Microfiche Menu, by using options 07 and 08 on the SOQ COLD Storage Menu, and by executing the **DUPOUTQ** and **DUPSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Delete Spool Files

To delete spool files using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Select option 07 or 08 from the SOQ Archival Menu. Option 07 will delete all spool files on your system that meet all of the criteria specified. Option 08 will only list for your selection all spool files on your system that meet all of the criteria specified.

3. Enter or modify all desired parameters for the **DELOUTQ** command and press **ENTER**. For a definition of each parameter see the "Delete Spool Files" section of this manual.

4. If option 08 was used in step 2, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be deleted with an option "1."

All spool files meeting the criteria specified on the **DELOUTQ** prompt screen (and selected if menu option 08 was used) will be deleted. Review the Spool Files Deleted report to verify that spool files were deleted successfully.

The steps above outline the process of deleting spool files using the SOQ Archival Menu. Spool files may also be deleted by using options 05 and 06 on the SOQ Microfiche Menu, by using options 05 and 06 on the SOQ COLD Storage Menu, and by executing the **DELOUTQ** and **DELSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Move Spool Files

To move spool files from one output queue to another using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Select option 11 or 12 from the SOQ Archival Menu. Option 11 will move all spool files on your system that meet all of the criteria specified. Option 12 will only list for your selection all spool files on your system that meet all of the criteria specified.

3. Enter or modify all desired parameters for the **MOVOUTQ** command and press **ENTER**. For a definition of each parameter see the "Move Spool Files" section of this manual.

4. If option 12 was used in step 2, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be moved with an option "1."

All spool files meeting the criteria specified on the **MOVOUTQ** prompt screen (and selected if menu option 12 was used) will be moved to the specified output queue. Review the Spool Files Moved report to verify that spool files were moved successfully.

The steps above outline the process of moving spool files using the SOQ Archival Menu. Spool files may also be moved by using options 09 and 10 on the SOQ Microfiche Menu, by using options 09 and 10 on the SOQ COLD Storage Menu, and by executing the **MOVOUTQ** and **MOVSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

Using SOQ To Convert Spool Files To Data Files

To convert spool files to data files using SOQ, follow the steps outlined below:

1. Get to the SOQ Archival Menu. This can be accomplished by entering the command **SOQ** at any command entry display and pressing **ENTER**.

2. Select option 05 or 06 from the SOQ Archival Menu. Option 05 will convert all spool files on your system that meet all of the criteria specified. Option 06 will only list for your selection all spool files on your system that meet all of the criteria specified.

3. Enter or modify all desired parameters for the **CVTOUTQ** command and press **ENTER**. For a definition of each parameter see the "Convert Spool Files" section of this manual.

4. If option 06 was used in step 2, a list of spool files will be presented for you to select from. Follow the instructions shown on the screen and select each spool file to be converted with an option "1."

All spool files meeting the criteria specified on the **CVTOUTQ** prompt screen (and selected if menu option 06 was used) will be converted to a data file and placed in the library or IFS directory specified. Review the Spool Files Converted report to verify that spool files were converted successfully.

The steps above outline the process of converting spool files using the SOQ Archival Menu. Spool files may also be converted by using options 03 and 04 on the SOQ Microfiche Menu, by using options 03 and 04 on the SOQ COLD Storage Menu, and by executing the **CVTOUTQ** and **CVTSPLF** commands directly from any command entry screen. See the "SOQ Commands" section of this manual for more information.

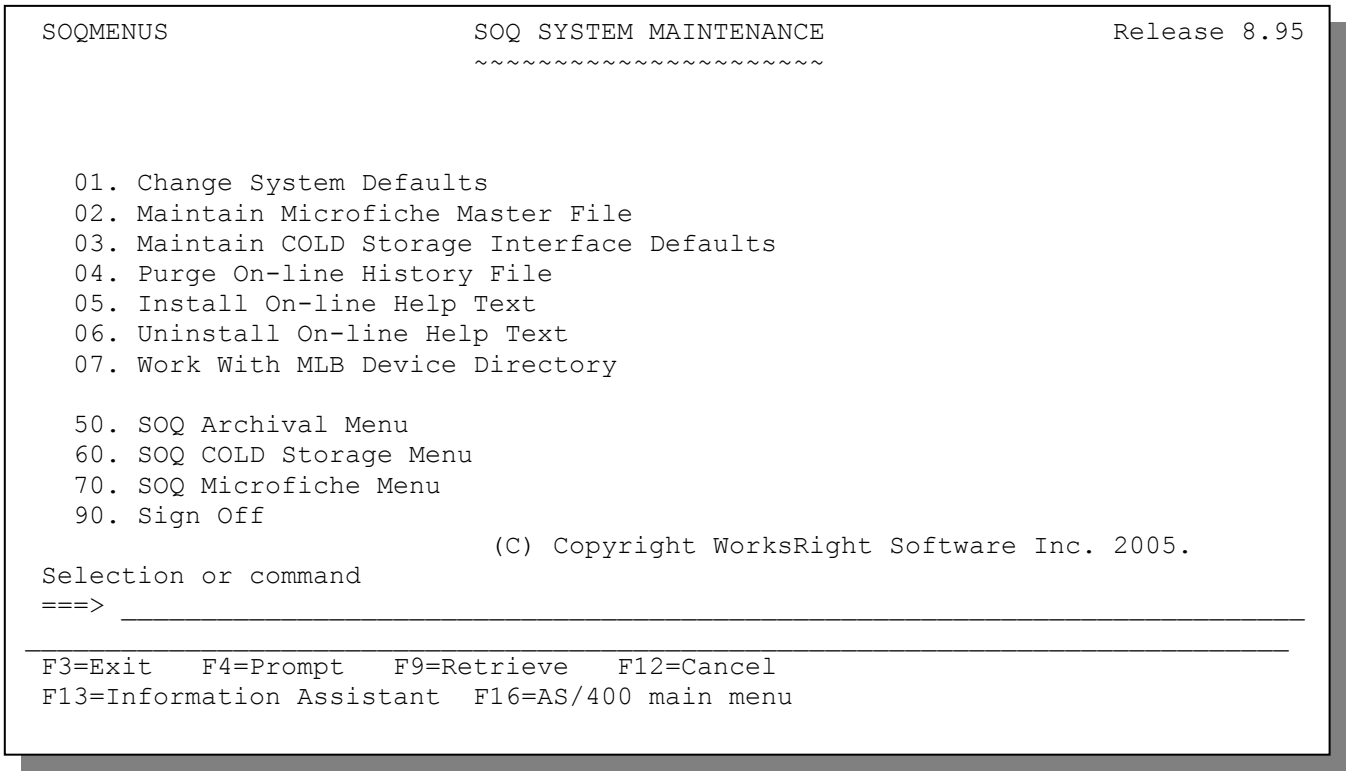
THE SOQ SYSTEM MAINTENANCE MENU

The SOQ System Maintenance Menu may be displayed at any workstation by entering the following command at any command entry display:

SOQ MENU(*SYS)

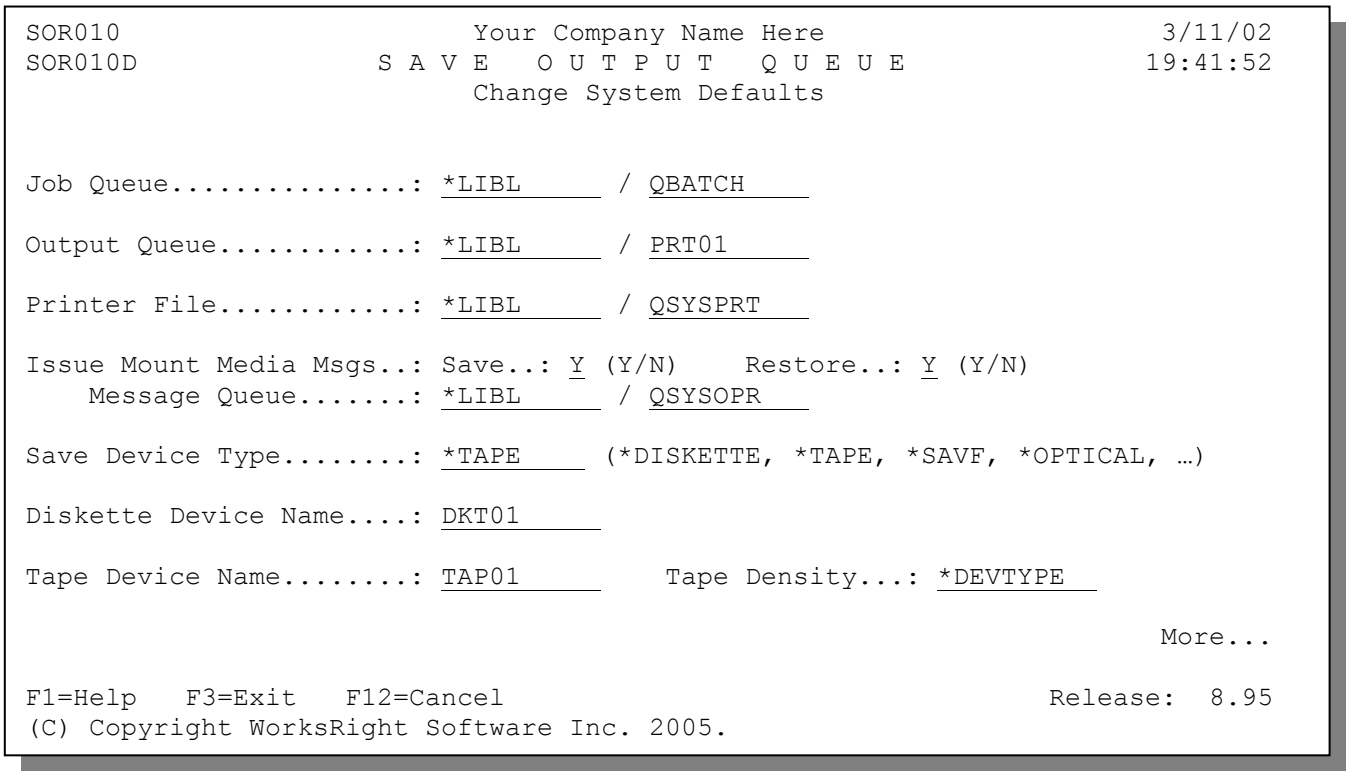
...and pressing **ENTER**.

Below is an example of what the SOQ System Maintenance Menu will look like. In the pages to follow, each option is explained in detail.



CHANGE SYSTEM DEFAULTS

To change the SOQ system defaults, select option 01 from the SOQ System Maintenance Menu. After selecting option 01, a screen similar to the one below will be displayed. This screen is the first of three screens that allow you to display and change the current default values. You may change the values as often as necessary. When all changes are made, press **ENTER** to update the SOQ system defaults. If you exit this screen prior to pressing **ENTER**, the SOQ system defaults will not be changed.



Field Definitions

Job queue - This field determines the job queue to be used when SOQ submits a restore output queue request to run in batch. Valid values are any valid job queue name. The job queue must currently exist in the library specified, as this field is edited.

Output queue - This field determines the output queue to be used when SOQ reports are generated. SOQ generates at least one report each time the **SAVOUTQ, SAVSPLF, RSTOUTQ, DUPOUTQ, DUPSPLF, DELOUTQ, DELSPLF, MOVOUTQ, MOVSPLF, CVTOUTQ,** and **CVTSPLF** commands are run. Valid values are any valid output queue name. The output queue must currently exist in the library specified, as this field is edited.

Printer file - This field determines the printer file to be used when SOQ reports are generated. By specifying your own printer file, you can control the print attributes for all SOQ reports. SOQ generates at least one report each time the **SAVOUTQ, SAVSPLF, RSTOUTQ, DUPOUTQ, DUPSPLF, DELOUTQ, DELSPLF, MOVOUTQ, MOVSPLF, CVTOUTQ,** and **CVTSPLF** commands are run. Valid values are any valid printer file name. The printer file must currently exist in the library specified, as this field is edited.

Issue mount media messages - These fields determine whether or not SOQ will issue messages to the specified message queue requesting that the save/restore media be mounted. If this system default is set to "N" for no, SOQ will always assume that the correct tape, diskette, or optical media is already mounted. Valid values are "Y" for "yes, issue messages," and "N" for "no, do not issue messages." An option is provided for both save and restore functions.

Message queue - This field determines the message queue that will receive messages issued by SOQ requesting that save/restore media be mounted. This field is required if "Y" for "yes" is specified for the "Issue mount media msgs" prompt. Valid values are any valid message queue name. The message queue must currently exist in the library specified, as this field is edited.

Save device type - This field determines the device type that will appear as the default when executing the **SAVOUTQ** and **SAVSPLF** commands. Valid values are *COLDSTG, *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If *COLDSTG is specified, a COLD storage system interface must be selected. If *DISKETTE, *TAPE, or *OPTICAL is specified, the value also appears as the default device type when initializing save/restore media. If *DISKETTE, *TAPE, *SAVF, or *OPTICAL is specified, the value is also used as the default device type when executing the **RSTOUTQ** command. The value specified for this field is used as a default only and may be overridden to a different device type when performing any of the functions mentioned above.

Diskette device name - This field determines the device name that will be used when *DISKETTE is specified as the device type. Device type is specified when executing the **SAVOUTQ, SAVSPLF,** and **RSTOUTQ** commands. Device type is also specified when initializing save/restore media. This field is required if *DISKETTE is specified as the *save device type*. Valid values are any diskette device description name. The diskette device description specified must currently exist within a library that appears in your library list.

Tape device name - This field determines the device name that will be used when *TAPE is specified as the device type. Device type is specified when executing the **SAVOUTQ, SAVSPLF,** and **RSTOUTQ** commands. Device type is also specified when initializing save/restore media. This field is required if *TAPE is specified as the *save device type*. Valid values are any tape device description name. The tape device description specified must currently exist within a library that appears in your library list.

Tape density - This field determines the density that will be used when *TAPE is specified as the device type while initializing save/restore media. This field is required if *TAPE is specified as the *save device type*. Valid values are 1600, 3200, 6250, 10000, 16000, 38000 and 43200. You may also use the special values *DEVTYPE, *FMT3480, *FMT3490E, *QIC120, *QIC525, *QIC1000, *FMT2GB, *FMT5GB, *FMT7GB, *CTGTYPE, *QIC2GB, *QIC3040, *QIC5010 *FMT3570, *FMT3570E, *FMT3590, *QIC150, *QIC2DC, *QIC4GB, and *QIC4DC. Leading zeros must be left off the numeric values entered.

Release - This field indicates the release of SOQ that you are currently using. This information should be provided when placing support calls.

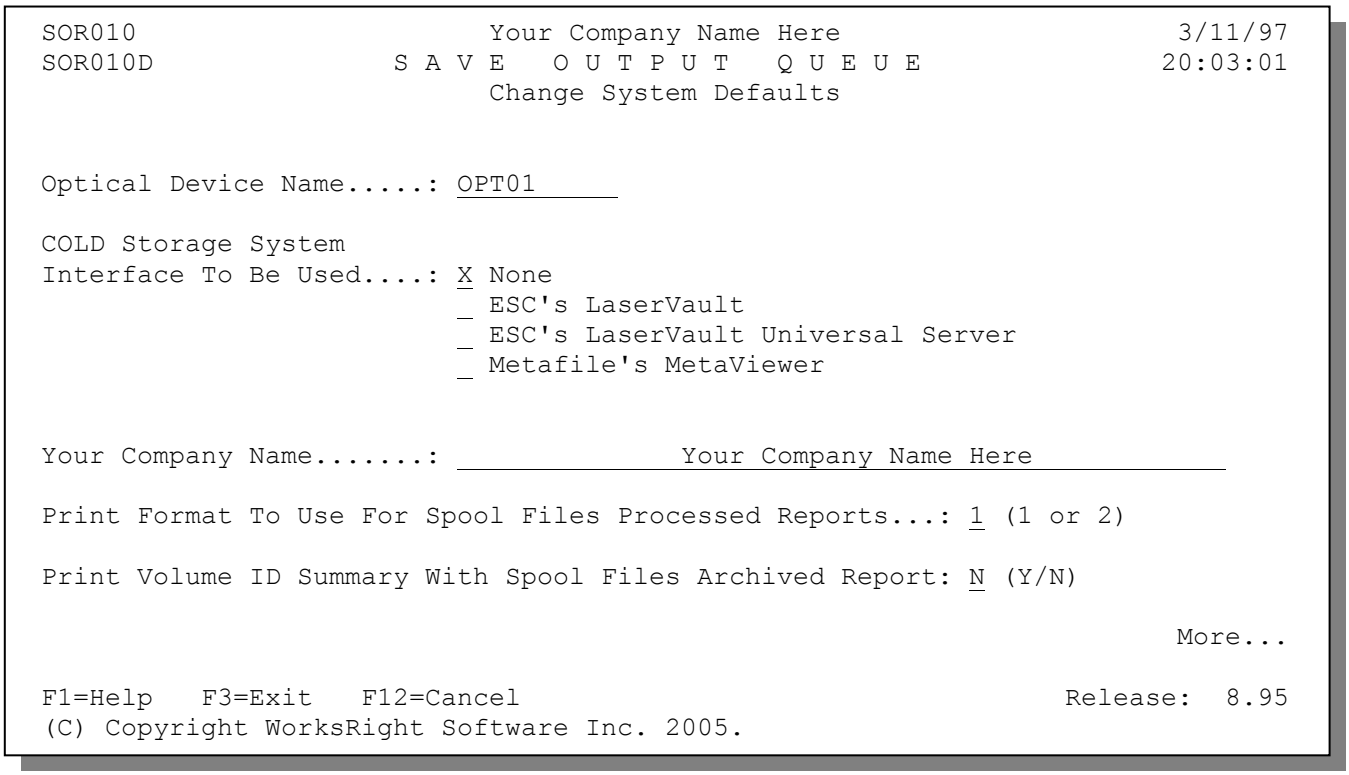
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will cancel all changes made since the **ENTER** key was last pressed.

By pressing the roll up key while displaying the first Change System Defaults screen, the second Change System Defaults screen can be accessed. The second Change System Defaults screen will look similar to the screen shown below.



Field Definitions

Optical device name - This field determines the device name that will be used when *OPTICAL is specified as the device type. Device type is specified when executing the **SAVOUTQ, SAVSPLF,** and **RSTOUTQ** commands. Device type is also specified when initializing save/restore media. This field is required if *OPTICAL is specified as the *save device type*. Valid values are any optical device description name. The optical device description specified must currently exist within a library that appears in your library list.

COLD storage system interface - These fields allow you to indicate which COLD Storage System interface should be used by SOQ. SOQ currently supports both ESC's LaserVault, ESC's LaserVault Universal Server, and Metafile's MetaViewer COLD storage solutions.

Your company name - This field contains your company name as it is to appear at the top of all SOQ screens and reports.

Print format - This field allows you to select one of two print formats to be used while printing spool files processed reports. Valid values are "1" & "2". Print Format "1" is the standard SOQ print format. Print Format "2" is the same as Print Format "1", except the user data and number of pages columns are replaced with the spool file creation date and time.

Print volume ID summary - This field allows you to specify whether or not a volume ID summary is printed at the end of the "Spool Files Archived" report. Valid values are "Y" for yes, and "N" for no. The process of gathering information for the Volume ID Summary does affect performance. It is recommended that you set this field to "N" for best performance.

Release - This field indicates the release of SOQ that you are currently using. This information should be provided when placing support calls.

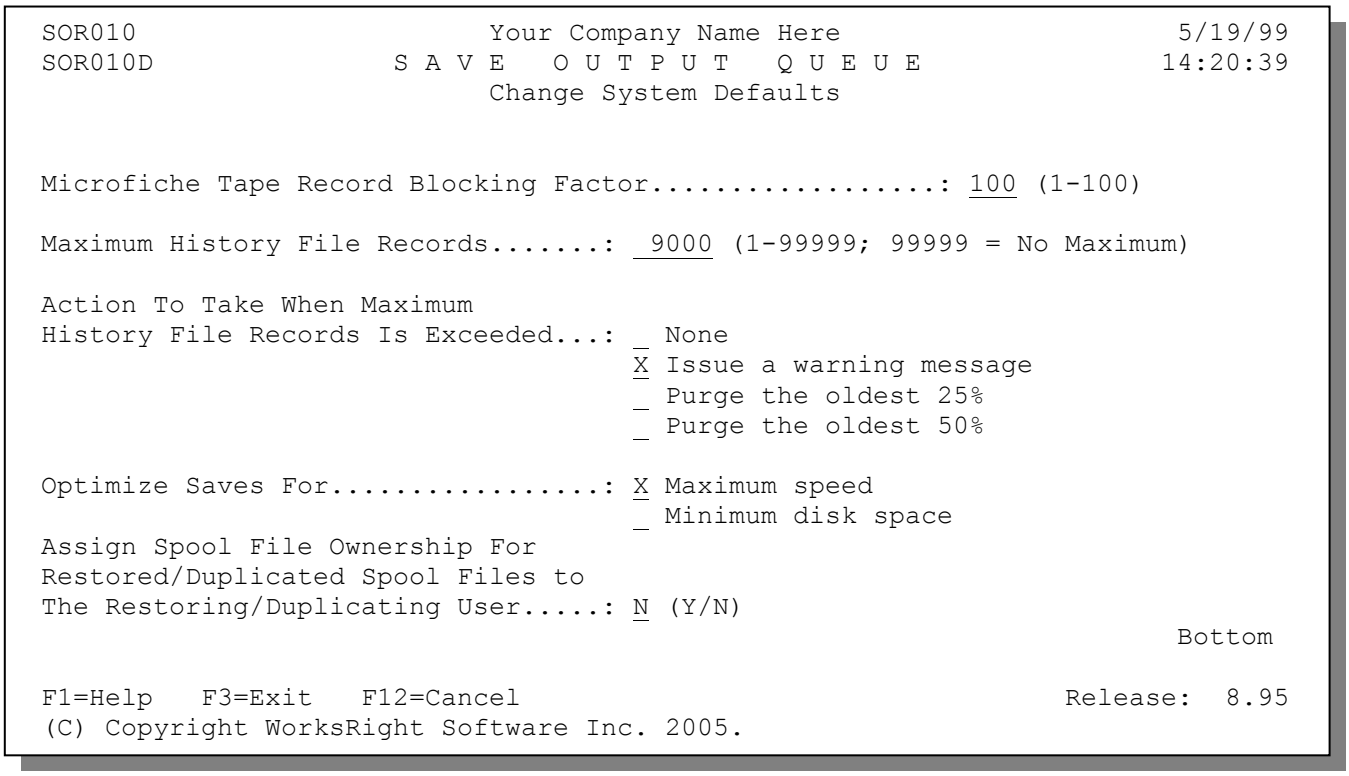
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will cancel all changes made since the **ENTER** key was last pressed.

By pressing the roll up key while displaying the second Change System Defaults screen, the third Change System Defaults screen can be accessed. The third Change System Defaults screen will look similar to the screen shown below.



Field Definitions

Record blocking factor - This field allows you to control the record blocking factor used by SOQ while creating a tape to be used in the production of microfiche. Valid values for this field are any number between 1 and 100.

Maximum history file records - This field establishes a threshold for the number of records allowed in the Save Output Queue On-line History File. If the number of records in the On-line History File reaches the threshold specified here, the action specified in the Save Output Queue System Defaults is performed.

Action to take when maximum is exceeded - This field determines what action, if any, will be taken when the number of records in the Save Output Queue On-line history file reaches the value specified as the *maximum history file records*. If "Issue a Warning Message" is chosen as the desired action, the warning message is sent to the message queue provided on screen one of the Save Output Queue System Defaults.

Optimize saves - This field determines the type of optimization to be performed by SOQ while archiving spool files. If maximum speed is selected, SOQ will archive spool files as much as ten times faster than normal. No attributes are lost and restore performance is also enhanced. The archive will, however, require more working disk space while the archive process is running. If minimum disk space is selected, the archive process will use only enough disk space to hold the largest single spool file being archived. Due to repetitive writes to off-line storage, this method usually takes much longer to complete.

Note: If you are archiving to an OS/400 Save File or optical media, this field will have no effect on SOQ performance.

Release - This field indicates the release of SOQ that you are currently using. This information should be provided when placing support calls.

Assign Spool File Ownership – This field allows you to indicate whether or not ownership of restored and duplicated spool files should be given to the user that is performing the restore or duplicate function. Valid values are "Y" for yes and "N" for no. If "Y" is specified, ownership of restored and duplicated spool files is given to the user performing the restore or duplicate function. If "N" is specified, ownership of restored and duplicated spool files is given to the owner of the original spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

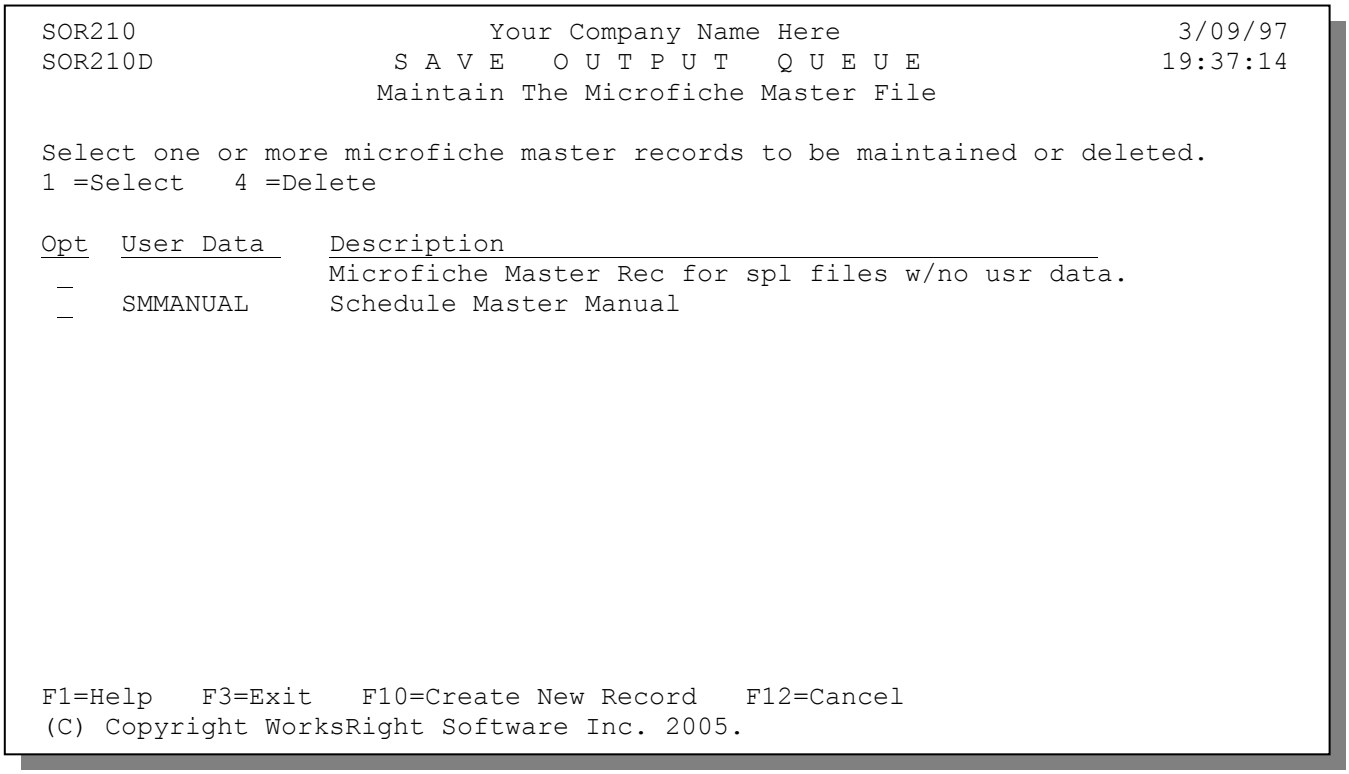
Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will cancel all changes made since the **ENTER** key was last pressed.

MAINTAIN MICROFICHE MASTER FILE

To maintain the microfiche master file, select option 02 from the SOQ System Maintenance Menu. After selecting option 02, a screen similar to the one below will be displayed, allowing you to select one or more records to be maintained or deleted. This screen also allows you to create a new microfiche master record by pressing **F10**.

Microfiche master records are used by SOQ to determine the data file name to be used when preparing spool files for microfiche. If a spool file is selected to be prepared for microfiche and no microfiche master record exists with the spool file's user data, the spool file cannot be prepared for microfiche. A microfiche master record must exist with the proper user data for all spool files that are to be prepared for microfiche.



Field Definitions

Option - This field allows you to select one or more microfiche records to be maintained or deleted. Valid values are "1" to select the record to be maintained and "4" to select the record to be deleted.

User data - This field indicates some user-specified data that identifies the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Description - This field provides a long description of the report that will use this microfiche record. Valid values are any nonblank values.

Function Keys

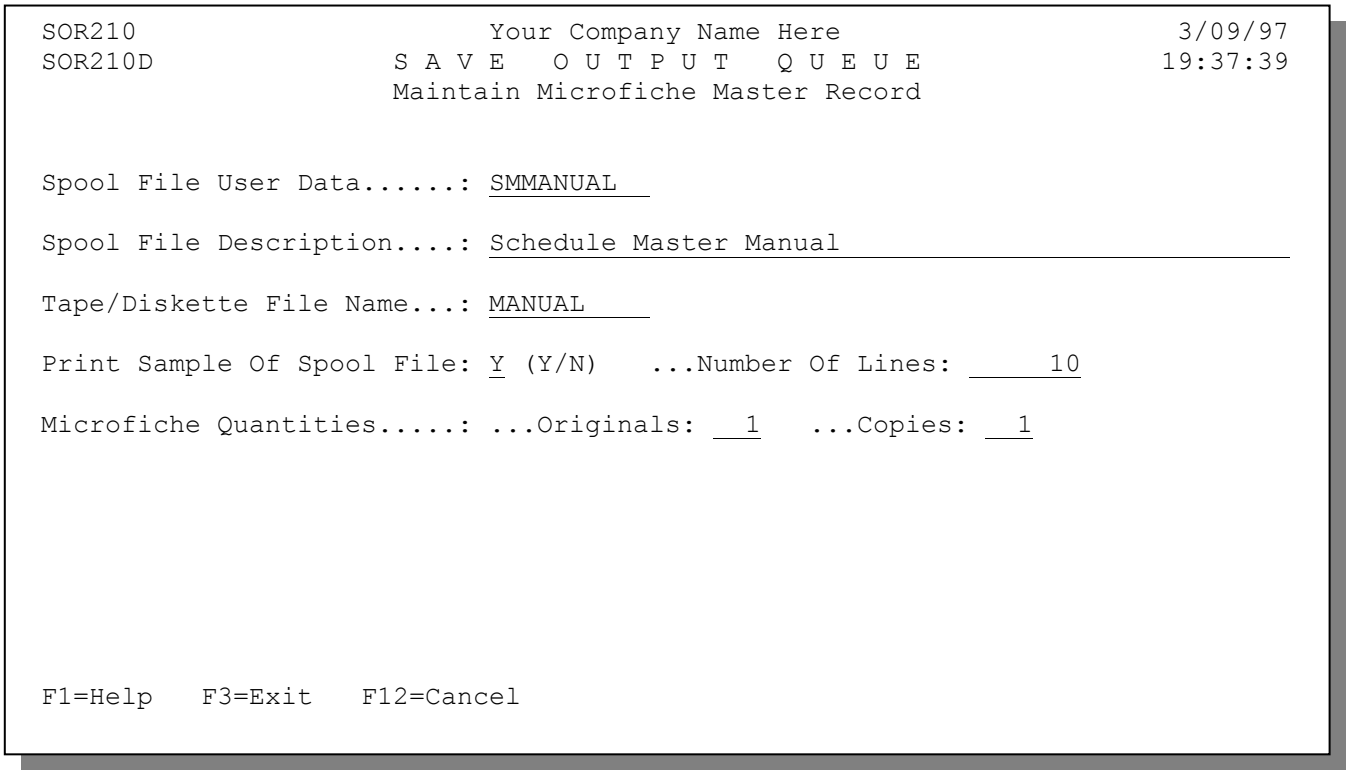
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F10*** while on this screen will allow you to create a new microfiche record.

Pressing ***F12*** while on this screen will return you to the SOQ menu from which this option was selected.

For each microfiche master record selected to be maintained, a screen similar to the one shown below will be displayed. This screen allows you to modify the microfiche master record.



Field Definitions

Spool file user data - This field indicates some user-specified data that identifies the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file description - This field provides a long description of the report that will use this microfiche record. Valid values are any nonblank values.

Tape/diskette file name - This field determines the file name or label that will be used while placing the report on a tape or diskette. Valid values are any valid file name. If multiple reports use a single microfiche record during the course of a save and the reports are being saved to diskette, the suffix "#*xx*" will be added to the file name. "*xx*" is a sequential number starting with 01 for the first duplicate.

Print sample of spool file - This field indicates whether or not SOQ should provide a sample of each report prepared for microfiche using this microfiche record. Sample reports are often requested by a COM laboratory for reports being placed on microfiche for the first time. Valid values are "Y" for "yes, print sample reports," or "N" for "no, do not print sample reports."

Number of lines - This field indicates the number of lines from the original report that will be printed on the sample report. The number entered is an approximation and will not reflect the exact number of lines printed. This field is required if "Y" is specified for the *print sample of spool file* prompt. Valid values are any number within the range of 1 through 999999.

Microfiche quantities originals - This field indicates the number of microfiche originals to be produced for reports using this microfiche record. This field causes no action to be taken by SOQ. This field is printed on the Service Order Information Report for your convenience. Valid values are any number within the range of 1 and 999.

Microfiche quantities copies - This field indicates the number of microfiche copies to be produced for reports using this microfiche record. This field causes no action to be taken by SOQ. This field is printed on the Service Order Information Report for your convenience. Valid values are any number within the range of 1 and 999.

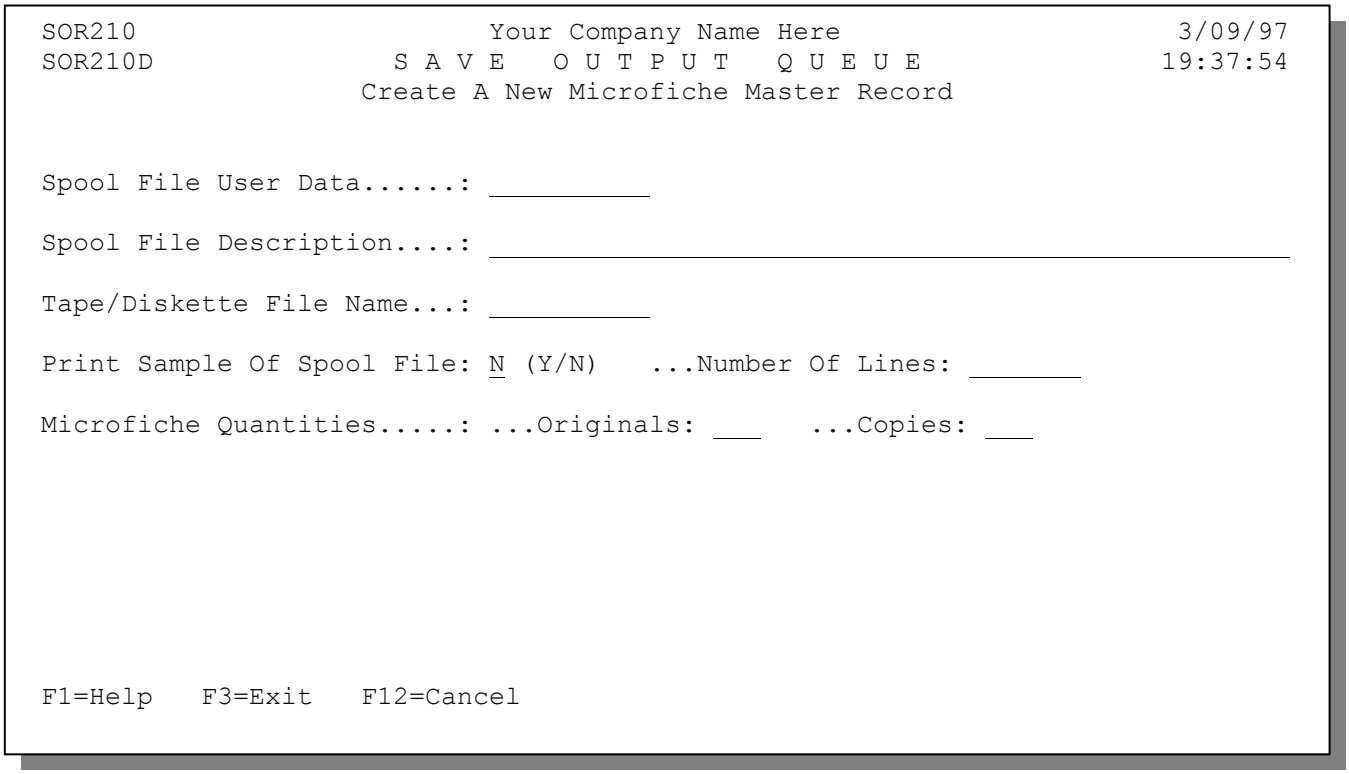
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing **F10** while on the Microfiche Master Record Selection screen, the Microfiche Master Record Entry screen can be accessed. An example of the entry screen is shown below. This screen allows you to create new microfiche master records.



Field Definitions

Spool file user data - This field indicates some user-specified data that identifies the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file description - This field provides a long description of the report that will use this microfiche record. Valid values are any nonblank values.

Tape/diskette file name - This field determines the file name or label that will be used while placing the report on a tape or diskette. Valid values are any valid file name. If multiple reports use a single microfiche record during the course of a save and the reports are being saved to diskette, the suffix "#*xx*" will be added to the file name. "*xx*" is a sequential number starting with 01 for the first duplicate.

Print sample of spool file - This field indicates whether or not SOQ should provide a sample of each report prepared for microfiche using this microfiche record. Sample reports are often requested by a COM laboratory for reports being placed on microfiche for the first time. Valid values are "Y" for "yes, print sample reports," or "N" for "no, do not print sample reports."

Number of lines - This field indicates the number of lines from the original report that will be printed on the sample report. The number entered is an approximation and will not reflect the exact number of lines printed. This field is required if "Y" is specified for the *print sample of spool file* prompt. Valid values are any number within the range of 1 through 999999.

Microfiche quantities originals - This field indicates the number of microfiche originals to be produced for reports using this microfiche record. This field causes no action to be taken by SOQ. This field is printed on the Service Order Information Report for your convenience. Valid values are any number within the range of 1 and 999.

Microfiche quantities copies - This field indicates the number of microfiche copies to be produced for reports using this microfiche record. This field causes no action to be taken by SOQ. This field is printed on the Service Order Information Report for your convenience. Valid values are any number within the range of 1 and 999.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

MAINTAIN COLD STORAGE INTERFACE DEFAULTS

To maintain the interface defaults, select option 03 from the SOQ System Maintenance Menu. After selecting option 03, a screen similar to the one below will be displayed, allowing you to modify the defaults. The screen shown below reflects a COLD storage interface for ESC's LaserVault solution. If your COLD storage solution is LaserVault Universal Server or Metafile's MetaViewer, a similar but unique screen will be displayed.

The values shown on this screen are used by SOQ while interfacing to the LaserVault system. SOQ interfaces to LaserVault via LaserVault's **LVSNDSPLF** command.

```
SOR360                        Your Company Name Here                        3/12/97
SOR360D                 S A V E   O U T P U T   Q U E U E                  14:14:57
                          Maintain LaserVault Defaults

The following parameters will be used by Save Output Queue while interfacing
to ESC's LaserVault product via ESC's LVSNDSPLF command.  For more information
as to the use and function of these parameters, refer to ESC's LaserVault
documentation.

Send SPLF to LaserVault Host#...: 00 (00-99)
Archive# to Select.............: 001 (001-999)
Archive Password...............:
LaserVault Report Name.........: *USRDTA (Name, *USRDTA, *FILE, *JOB...)
Replace or Add to Report.......: *ADD    (*ADD, *REPLACE, *NEW)
Truncate to record length......: *SPLF (001-300, *SPLF)
Send Spool File Attributes.....: *YES (*YES, *NO)
REPLIST File to Send to Host....: *NONE      (Name, *NONE, *DFT)
REPAUTO File to Send to Host....: *NONE      (Name, *NONE, *DFT)
Message queue..................: QHST
Wait for Send SPLF to Complete..: *NO  (*YES, *NO)


F1=Help   F3=Exit   F12=Cancel
(C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

For more information regarding the function of the fields shown on this screen, see the LaserVault AS/400 Operator Manual.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the SOQ menu from which this option was selected.

PURGE THE ON-LINE HISTORY FILE

To purge the on-line history file, select option 04 from the SOQ System Maintenance Menu. After selecting option 04, a screen similar to the one below will be displayed, allowing you to either enter the date through which the history file is to be purged or enter the number of records to be purged from the history file.

To purge archival history records, select Archive for the type of saves to be purged. To purge microfiche history records, select Microfiche for the type of saves to be purged. To purge COLD storage history records, select COLD Storage for the type of saves to be purged. More than one type of save may be selected for purging.

```
SOR220                      Your Company Name Here                      9/07/00
SOR220D              S A V E   O U T P U T   Q U E U E                 15:28:24
                       Purge The On-Line History File


 Type of saves to be purged: X Archive   X Microfiche   X COLD Storage


 Purge saves performed on or before...: ______  ( MDY ) **

  ** The date entered is assumed to be in the range of January 1, 1940
     through December 31, 2039. (i.e.  2/14/05 is February 14, 2005)

 - OR -

 Purge the oldest __________ saves.

      You may at some point wish to restore spool files from a save that has
 been purged from the on-line history file.  This can be accomplished by using
 the RSTOUTQ command from any command entry screen


 F1=Help   F3=Exit
```

The on-line history file is needed for SOQ to restore spool files using options 03 and 04 on the SOQ Archival Menu. Therefore, you are encouraged to only purge entries that are no longer needed for restoring spool files.

If spool files must be restored from an entry that has been purged, you will have to use the **RSTOUTQ** command. Use of the **RSTOUTQ** command requires that you know the save index name assigned to the save by SOQ. The save index name may be obtained from the SOQ listing of spool files saved. If the listing is not available, you may display the save/restore media to obtain the save index name. The save index name will be I*xxxxx* where *xxxxx* is any number from 00001 through 99999.

Individual entries may be purged from the on-line history file using option 15 on the SOQ Archival Menu.

Field Definitions

Type of saves to be purged - These fields determine the type of records that will be purged from the SOQ On-line History File. To delete Archive type records, place an "X" next to the word Archive. To delete Microfiche type records, place an "X" next to the word Microfiche. To delete COLD Storage type records, place an "X" next to the words COLD Storage. More than one type may be selected and at least one type must be selected.

Purge saves performed on or before - This field determines the date through which all SOQ history records will be purged. The date entered is compared to the date of each save to determine which history records should be kept. Only archive history records will be purged because this option was selected from the SOQ Archival Menu. Valid values are any valid date entered in your system date format. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Purge the oldest nnn saves - This field allows you to specify the number of records that should be deleted from the SOQ On-line History File. The number of records specified are delete for each save type selected. Records are deleted starting with the oldest and ending with the newest.

Function Keys

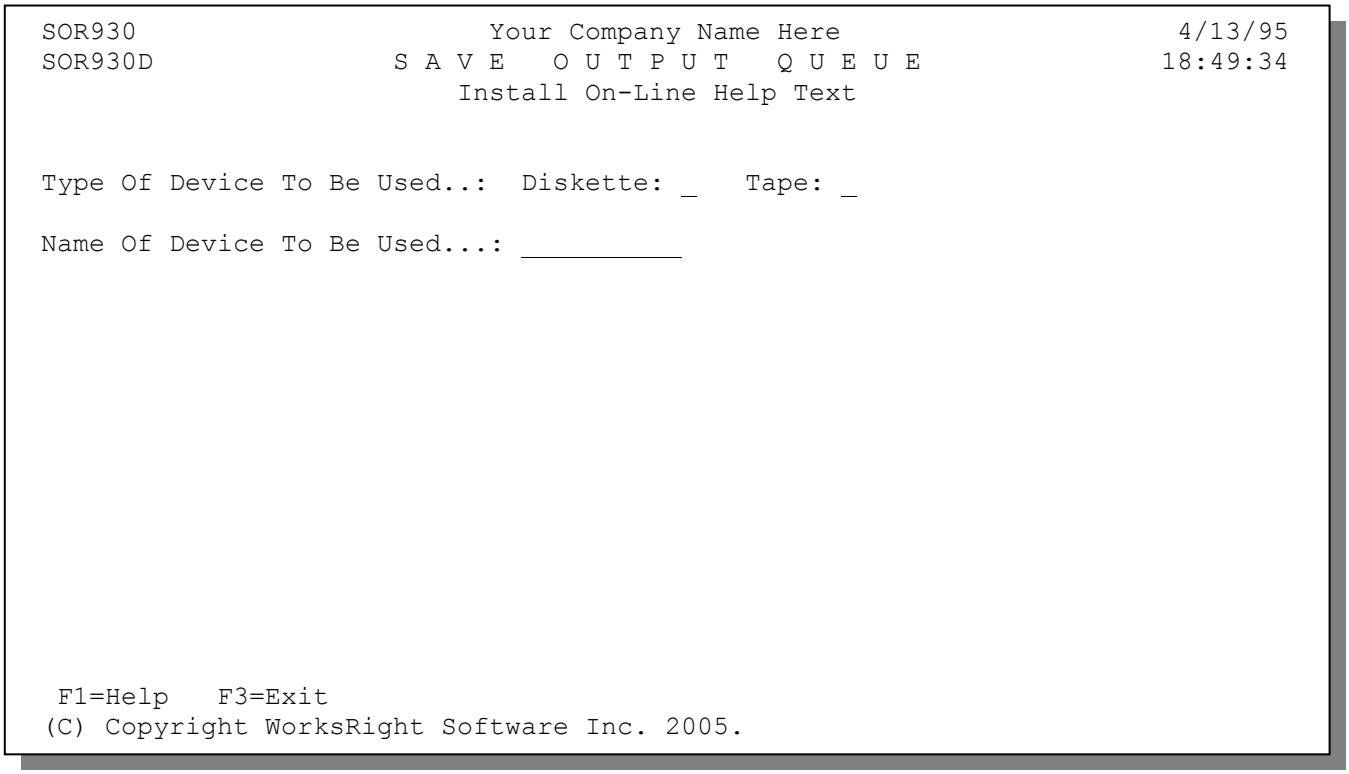
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

INSTALL ON-LINE HELP TEXT

If the on-line help text has been uninstalled for any reason, it may be reinstalled using option 05 on the SOQ System Maintenance Menu. After selecting option 05, you will be presented with a screen similar to the one shown below. This screen allows you to indicate the type of save/restore device and the name of the device that will be used by SOQ while restoring the on-line help text.

If the on-line help text has not been uninstalled, a message will be shown in the middle of this screen explaining that this option is not allowed at this time.



Field Definitions

Type of device to be used - This field indicates whether a diskette or tape drive is being used to install the on-line help text. Valid values for diskette are "X" and " ". Valid values for tape are "X" and " ". Only one device type may be selected.

Name of device to be used - This field indicates the device to be used when installing the on-line help text. Valid values are any valid device name. The device name specified must currently exist within a library that appears in your library list. Device names are edited for existence.

Function Keys

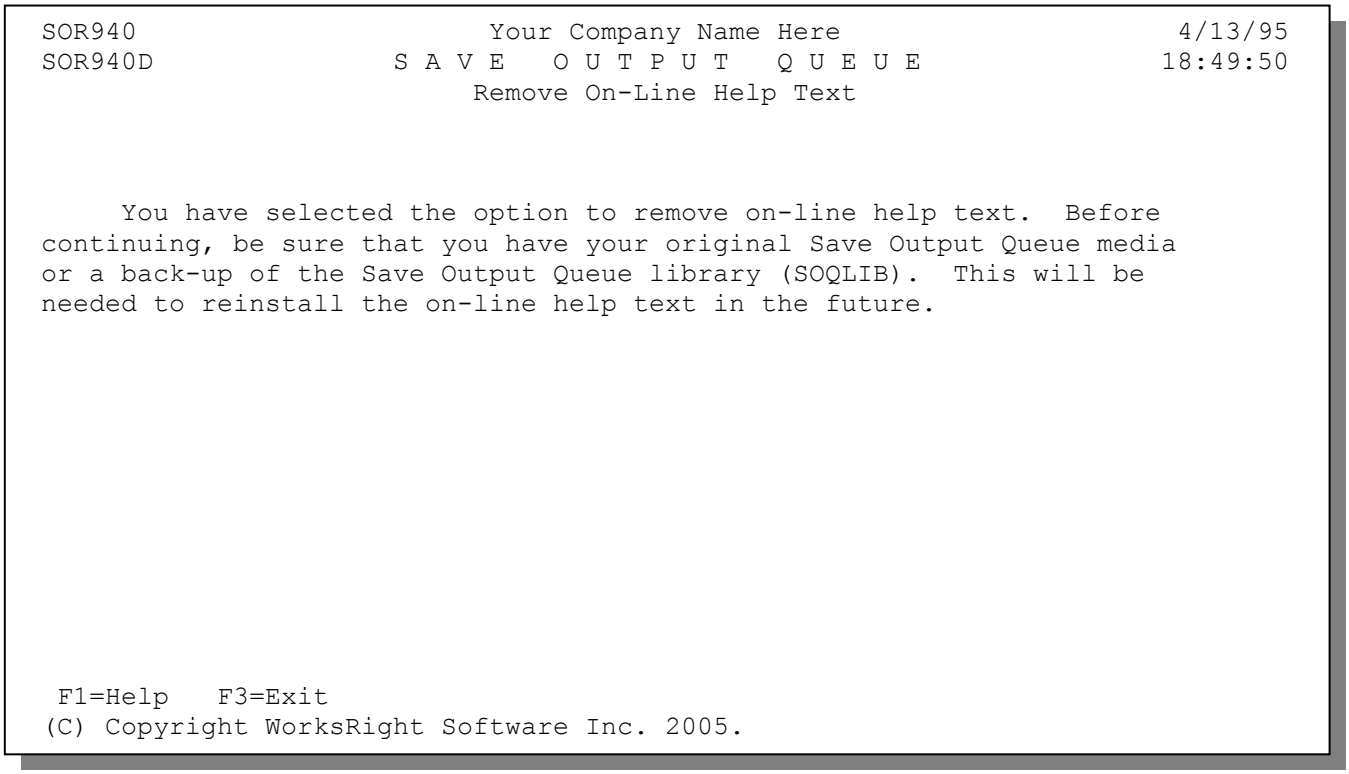
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

UNINSTALL ON-LINE HELP TEXT

If for any reason you wish to remove the on-line help text from your system, you may do so using option 06 on the SOQ System Maintenance Menu. After selecting option 06, you will be presented with a screen similar to the one shown below. This screen provides you with one last opportunity to abort uninstalling the on-line help text.

If the on-line help text has already been uninstalled, a message will be shown in the middle of this screen explaining that this option is not allowed at this time.



Function Keys

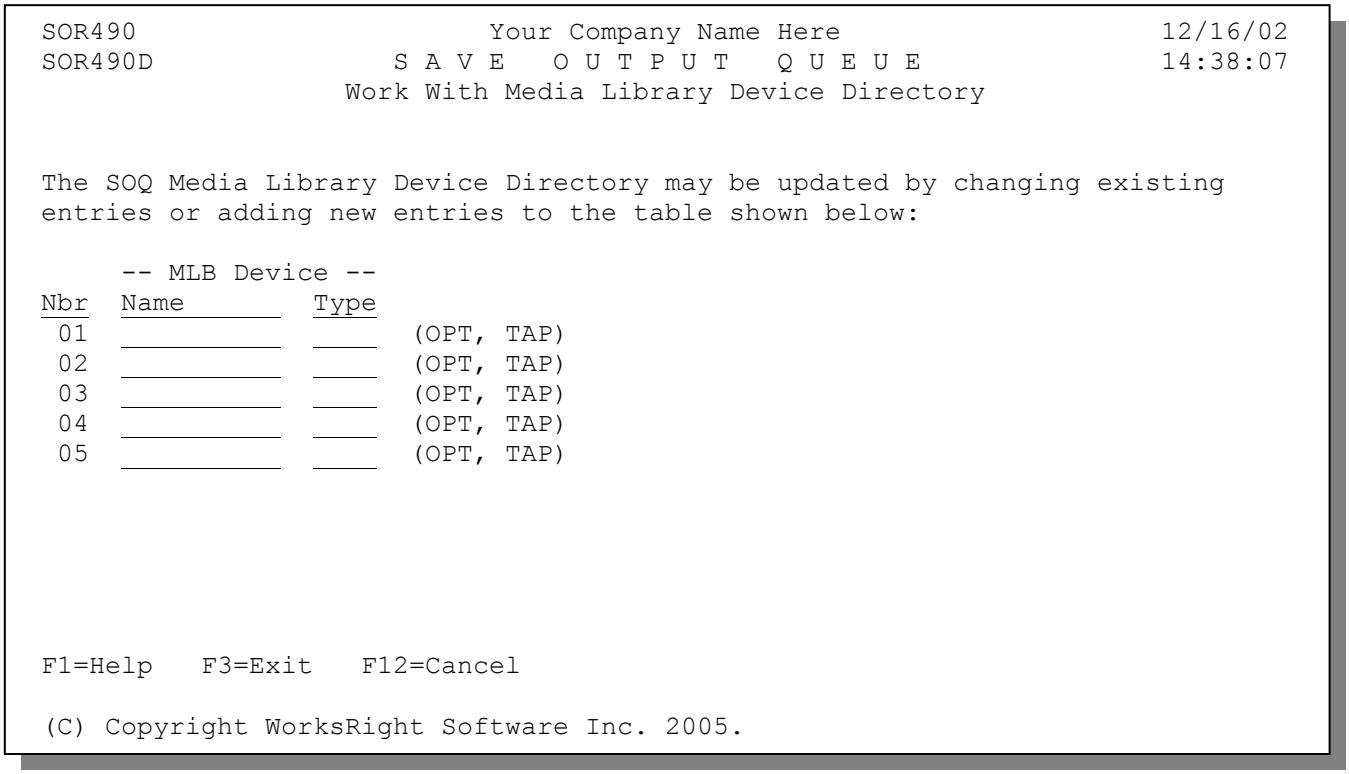
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

WORK WITH MLB DEVICE DIRECTORY

Before using a Media Library (MLB) Device with SOQ, the MLB device must be defined in the SOQ Media Library Device Directory. MLB devices can be added to and removed from the Media Library Device Directory by using option 07 on the SOQ System Maintenance Menu. After selecting option 07, you will be presented with a screen similar to the one shown below. This screen lists any MLB Devices already defined to SOQ and allows you to define additional devices.

Up to five MLB devices can be defined. SOQ supports both Optical and Tape Media Library Device types.



Field Definitions

MLB device number - This field is used to sequence the MLB Devices placed in the SOQ MLB Device Directory. This sequence number is for display purposes only. The order in which MLB Devices appear in the directory has no effect on the performance of SOQ.

MLB device name - This field allows you to enter the name of an MLB device that will be used with SOQ. When an MLB device name is entered, an *MLB device type* must also be entered.

MLB device type - This field allows you to indicate the type of Media Library device that has been named. Optical and Tape Media Libraries are supported differently. Therefore, an MLB device type is required for each MLB device name entered.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

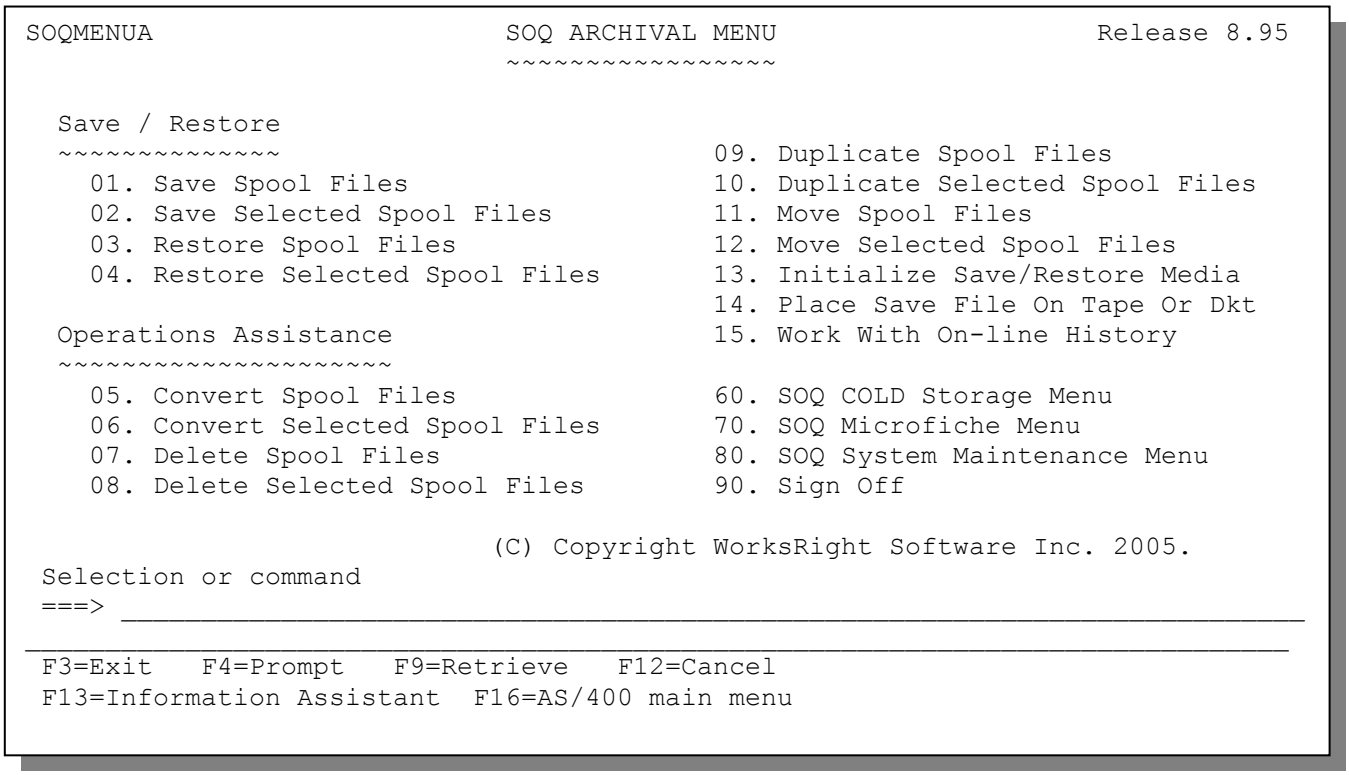
THE SOQ ARCHIVAL MENU

The SOQ Archival Menu may be displayed at any workstation by entering the following command at any command entry display:

SOQ

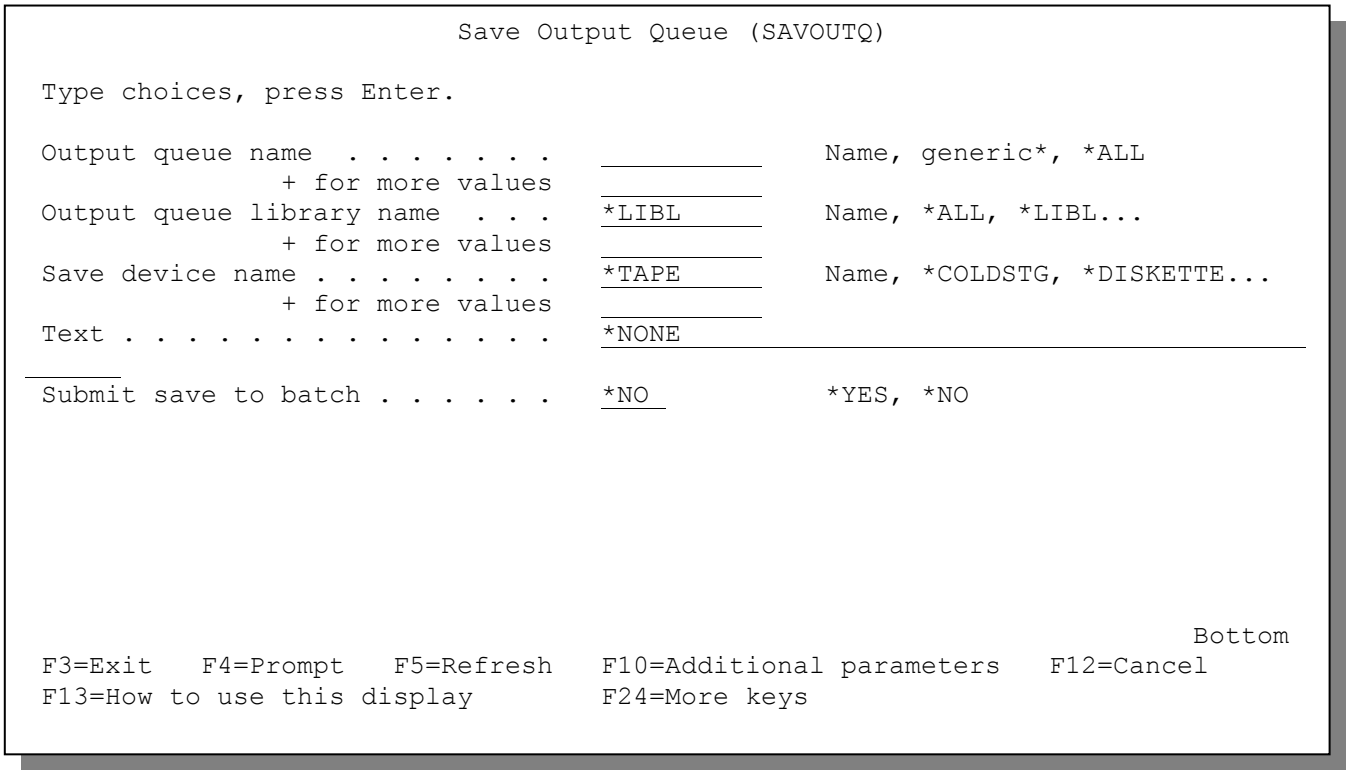
...and pressing **ENTER**.

Below is an example of what the SOQ Archival Menu will look like. In the pages to follow, each option is explained in detail.



SAVE SPOOL FILES

To save all spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 01 from the SOQ Archival Menu. After selecting option 01, you will be presented with a screen, similar to the one shown below, prompting for the output queue(s) from which spool files are to be saved. If *ALL is specified as the output queue, spool files are saved from all output queues, within the limitations of the list of libraries provided. On this prompt screen you may also change the default save device name and enter a description of the save function. Any description entered is stored in the on-line history file to help identify the save function.



```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, generic*, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL...
                + for more values   __________
 Save device name . . . . . . . .   *TAPE_____    Name, *COLDSTG, *DISKETTE...
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE____________________________________
______
 Submit save to batch . . . . . .   *NO_          *YES, *NO

                                                                        Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
 F13=How to use this display        F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG is shown as a possible value, it is valid only when the *save type* is also *COLDSTG.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be saved. The first of these three screens is shown below.

```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . .   _____________   Name, generic*, *ALL
               + for more values  _____________
 Output queue library name  . . .  *LIBL         Name, *ALL, *LIBL...
               + for more values  _____________
 Save device name . . . . . .     *TAPE         Name, *COLDSTG, *DISKETTE...
               + for more values  _____________
 Text . . . . . .                 *NONE
_____
 Submit save to batch . . . . . .  *NO           *YES, *NO
 Volume identifier  . . . . . .   *MOUNTED      Character value

                           Additional Parameters

 Tape option  . . . . . .         *REWIND       *REWIND, *LEAVE, *UNLOAD
 Target release . . . . . .       *CURRENT      *CURRENT, *PRV, VxRxMx
 Job name . . . . . .             *ALL          Name, generic*, *ALL
                                                                    More...
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG is shown as a possible value, it is valid only when the *save type* is also *COLDSTG.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool files. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool files can also be restored to a system with any subsequent release of the operating system installed.

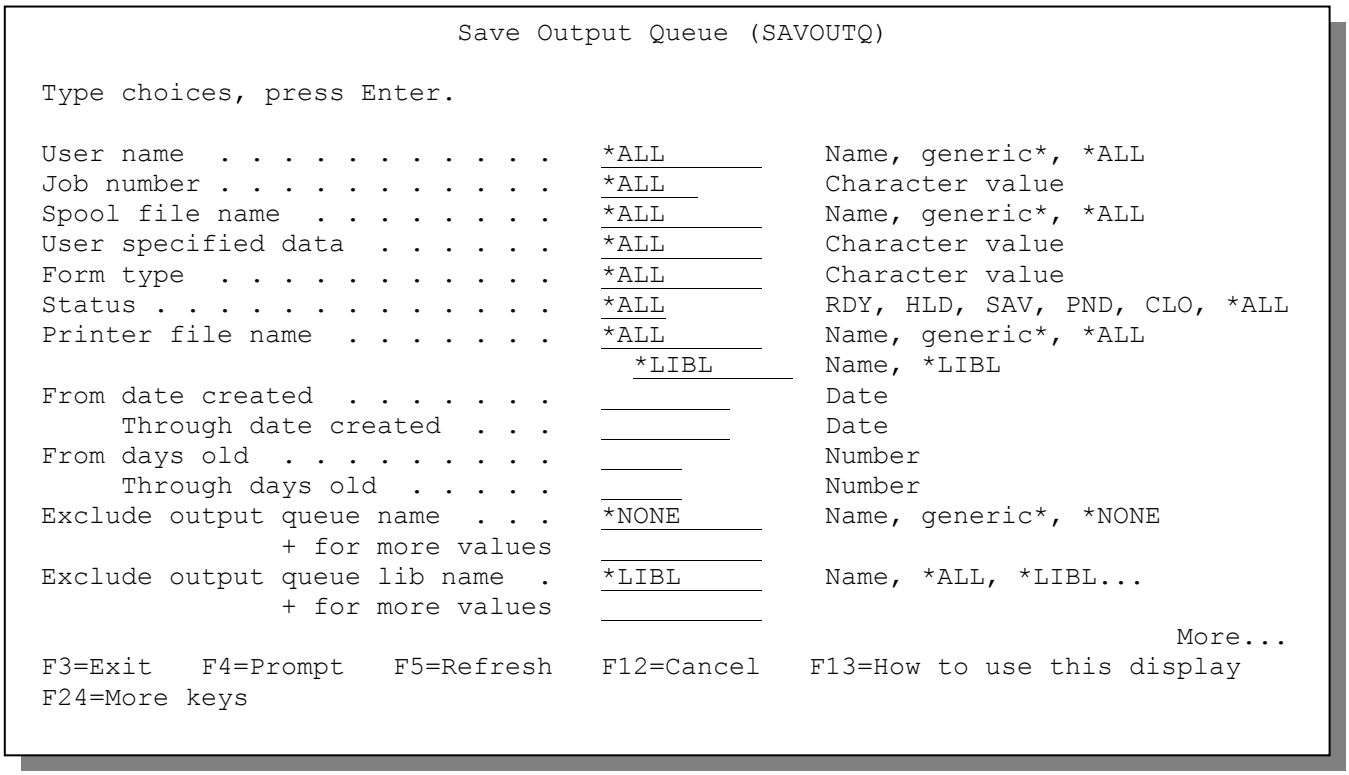
Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



```
                          Save Output Queue (SAVOUTQ)

Type choices, press Enter.

User name  . . . . . .  *ALL          Name, generic*, *ALL
Job number . . . . . .  *ALL          Character value
Spool file name  . . . .  *ALL        Name, generic*, *ALL
User specified data  . . . . .  *ALL  Character value
Form type  . . . . . .  *ALL          Character value
Status . . . . . .  *ALL              RDY, HLD, SAV, PND, CLO, *ALL
Printer file name  . . . . . .  *ALL  Name, generic*, *ALL
                                *LIBL  Name, *LIBL
From date created  . . . . . .        Date
     Through date created  . . .      Date
From days old  . . . . . .            Number
     Through days old  . . . . .      Number
Exclude output queue name  . . .  *NONE  Name, generic*, *NONE
               + for more values
Exclude output queue lib name  .  *LIBL  Name, *ALL, *LIBL...
               + for more values
                                                              More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from this save. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

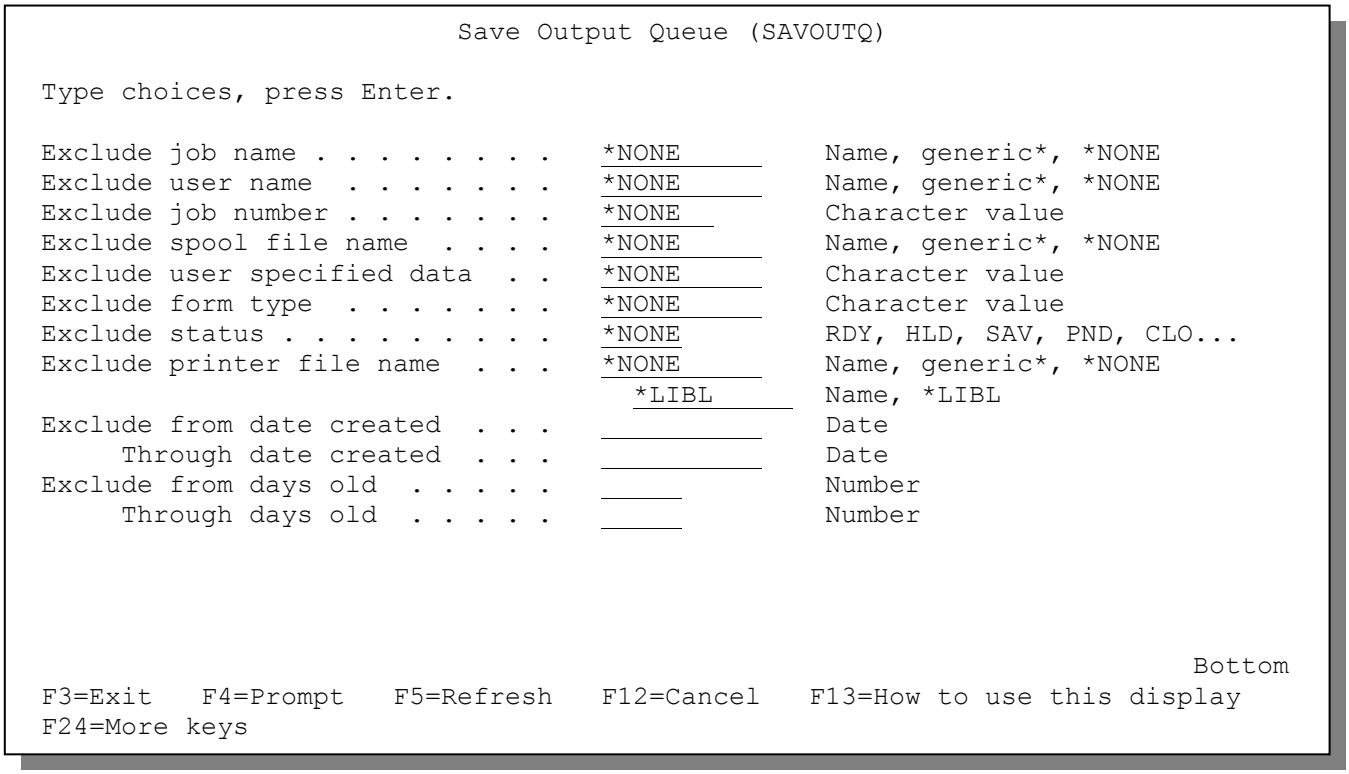
Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.



```
                          Save Output Queue (SAVOUTQ)

Type choices, press Enter.

Exclude job name . . . . . .   *NONE          Name, generic*, *NONE
Exclude user name  . . . . . .   *NONE        Name, generic*, *NONE
Exclude job number . . . . . .   *NONE        Character value
Exclude spool file name  . . . .   *NONE       Name, generic*, *NONE
Exclude user specified data  . .   *NONE       Character value
Exclude form type  . . . . . .   *NONE        Character value
Exclude status . . . . . .   *NONE            RDY, HLD, SAV, PND, CLO...
Exclude printer file name  . . .   *NONE       Name, generic*, *NONE
                                     *LIBL     Name, *LIBL
Exclude from date created  . . .               Date
     Through date created  . . .               Date
Exclude from days old  . . . . .               Number
     Through days old  . . . . .               Number

                                                                      Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the save process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the save process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the save process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the save process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the save process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the save process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each save function performed using option 01 from the SOQ Archival Menu will produce a Spool Files Archived report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Archived reports. This report will indicate which spool files were not saved and why they were not saved. This report may also be useful for determining specific spool files to be restored at a later date. An example of the Spool Files Archived report is shown below.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 15:20:57                  S A V E   O U T P U T   Q U E U E                         PGM: SOR060
                                                  SPOOL FILES ARCHIVED

        JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME...: I00035
        SAVE TEXT....: save view 1                                    SAVE OPTIMIZED FOR: Maximum speed

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350001
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350002
SOR120D    000284 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350003
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350004
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350005
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    ARCHIVED AS: S000350006
SOMAXOLH   000001 SOMAXOLH   QSECOFR    002041      5 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350007
SOQHST06   000001 SOQHST06   QSECOFR    002039      3 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350008
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350009
SOR225     000001 SOR225     QSECOFR    002046     11 REPORT1                QPRINT     QUSRSYS    ARCHIVED AS: S00035000A


 ***         10 SPOOL FILES ARCHIVED.
```

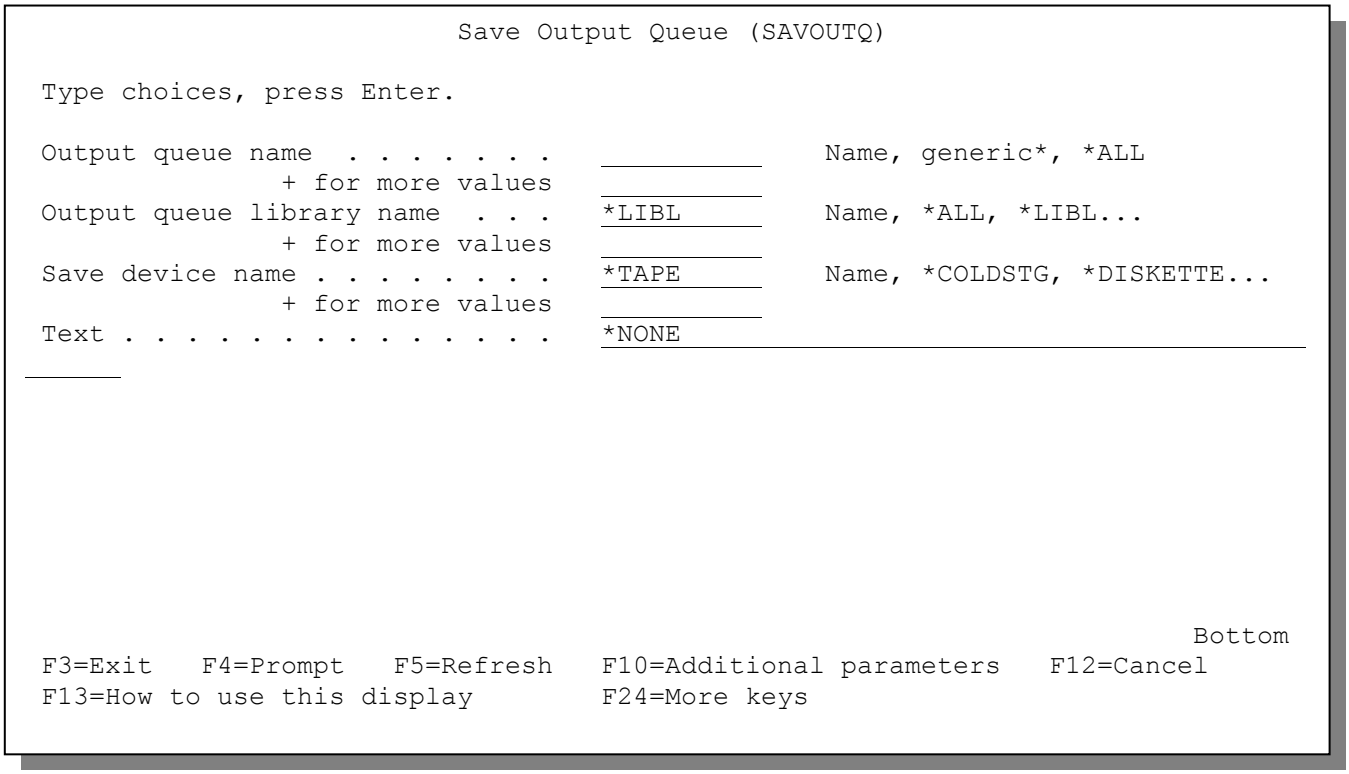
The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 15:27:44                  S A V E   O U T P U T   Q U E U E                         PGM: SOR060
                                                  SPOOL FILES ARCHIVED

        JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME...: I00036
        SAVE TEXT....: save view 2                                    SAVE OPTIMIZED FOR: Maximum speed

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    ARCHIVED AS: S000360001
SMPRINT    000003 BACKUP     QSYSOPR    016892 *STD        9/06/99 23:02:56 QPRINT     QUSRSYS    ARCHIVED AS: S000360002
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    ARCHIVED AS: S000360003
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    ARCHIVED AS: S000360004
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    ARCHIVED AS: S000360005
SOR030D    000281 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:53 QPRINT     QUSRSYS    ARCHIVED AS: S000360006
SOR120K    000286 DSP01      QSECOFR    004307 *STD        4/19/99 15:59:00 QPRINT     QUSRSYS    ARCHIVED AS: S000360007
SOR030     000060 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:54 QPRINT     QUSRSYS    ARCHIVED AS: S000360008
SOR030     000064 DSP01      QSECOFR    019854 *STD       10/11/99 15:24:05 QPRINT     QUSRSYS    ARCHIVED AS: S000360009
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    ARCHIVED AS: S00036000A
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    ARCHIVED AS: S00036000B
SOR010D    000001 SOR010D    QSECOFR    002034 REPORT1     3/29/99 19:26:33 QPRINT     QUSRSYS    ARCHIVED AS: S00036000C


 ***         12 SPOOL FILES ARCHIVED.
```

The sample report shown above was produced by SOQ using print format 2.

SAVE SELECTED SPOOL FILES

To save selected spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 02 from the SOQ Archival Menu. After selecting option 02, you will be presented with a screen, similar to the one shown below, prompting for the output queue(s) from which spool files are to be selected. If *ALL is specified as the output queue, spool files may be selected from all output queues, within the limitations of the list of libraries provided. On this prompt screen you may also change the default save device name and enter a description of the save function. Any description entered is stored in the on-line history file to help identify the save function.



```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, generic*, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL...
                + for more values   __________
 Save device name . . . . . . . .   *TAPE_____    Name, *COLDSTG, *DISKETTE...
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE_____________________________________
______

                                                                        Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
 F13=How to use this display        F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG is shown as a possible value, it is valid only when the *save type* is also *COLDSTG.

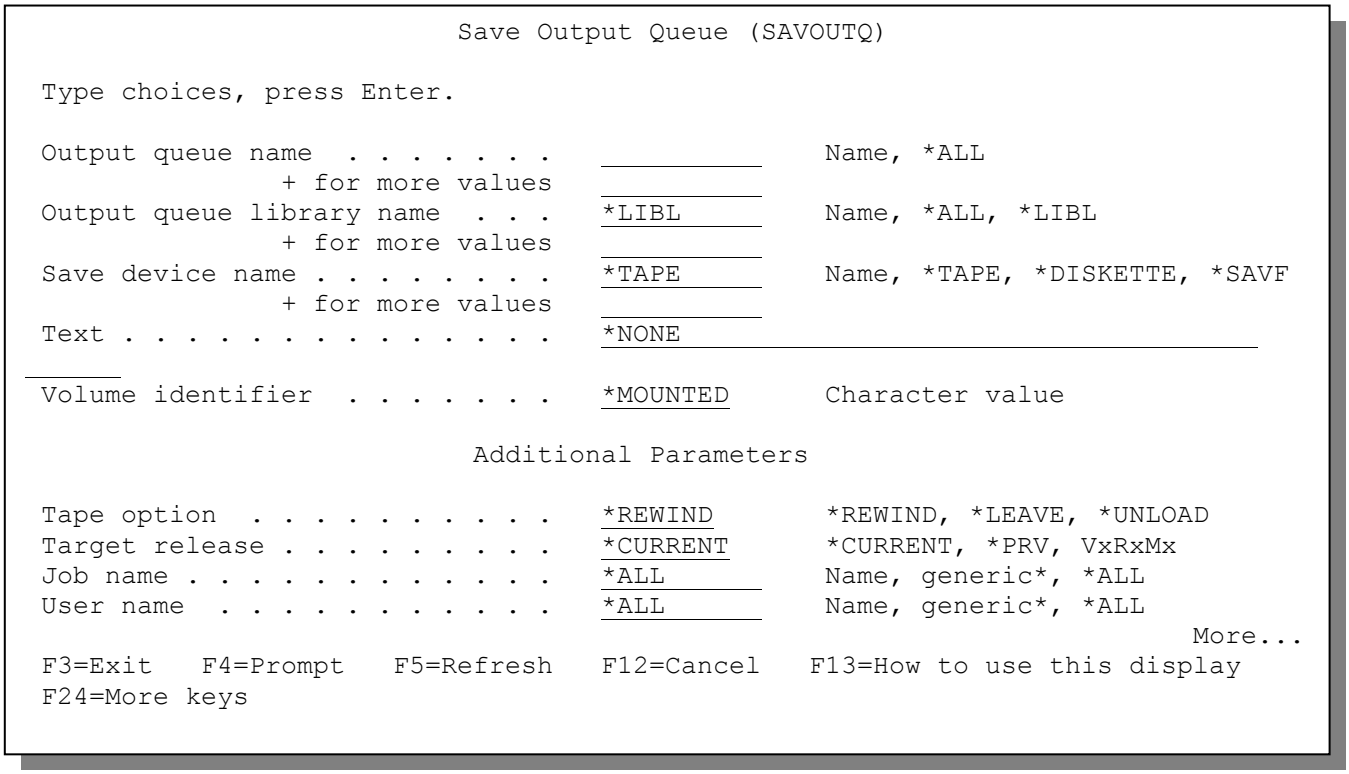
Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file before it is allowed to be selected. The first of these three screens is shown below.



```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL
                + for more values   __________
 Save device name . . . . . . . .   *TAPE_____    Name, *TAPE, *DISKETTE, *SAVF
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE_____________________________________
______
 Volume identifier  . . . . . . .   *MOUNTED      Character value

                           Additional Parameters

 Tape option  . . . . . . . . . .   *REWIND       *REWIND, *LEAVE, *UNLOAD
 Target release . . . . . . . . .   *CURRENT      *CURRENT, *PRV, VxRxMx
 Job name . . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 User name  . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
                                                                        More...
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG is shown as a possible value, it is valid only when the *save type* is also *COLDSTG.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool files. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool files can also be restored to a system with any subsequent release of the operating system installed.

Job name - This field indicates the name of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all jobs may be selected. Valid values are any valid job name and the special value *ALL.

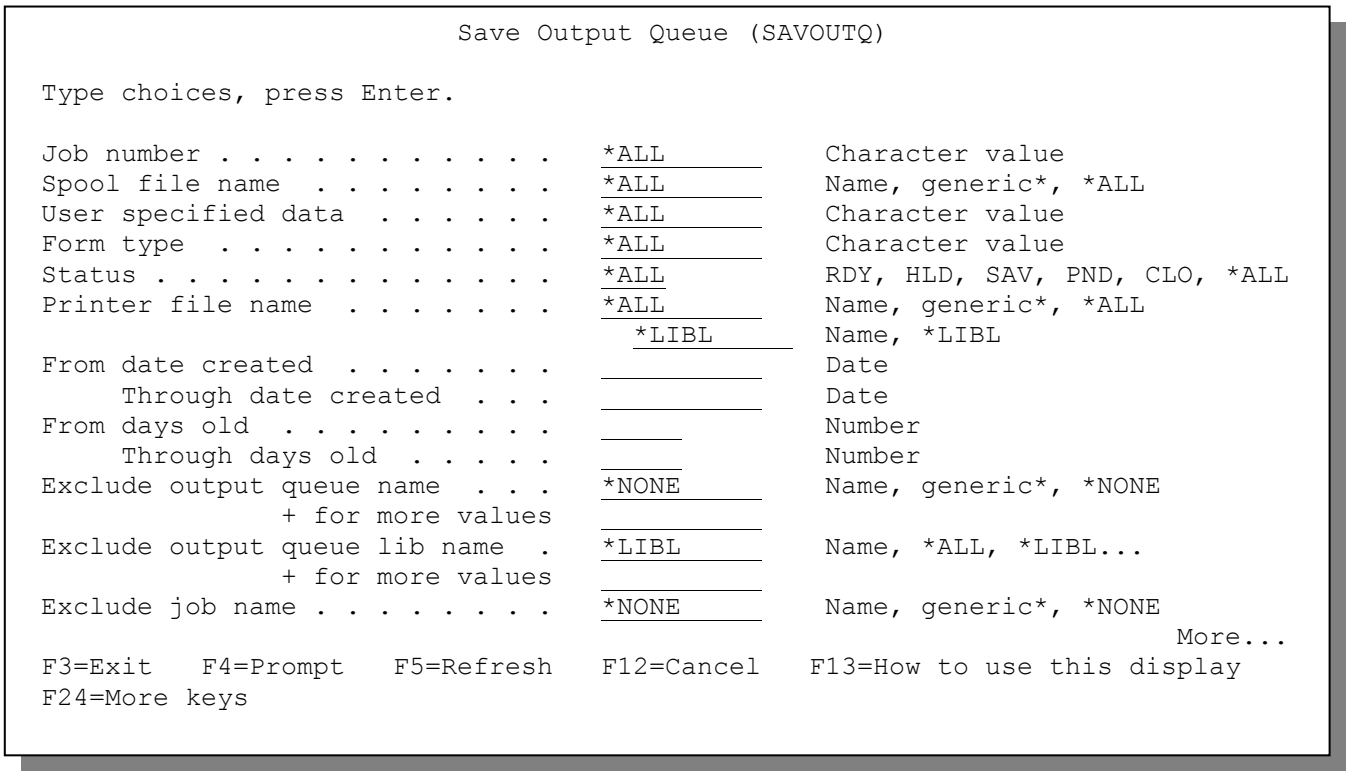
User name - This field indicates the name of the user that created all spool files that may be selected. If *ALL is specified, spool files created by all users may be selected. Valid values are any valid user name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the HELP key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



```
                          Save Output Queue (SAVOUTQ)

Type choices, press Enter.

Job number . . . . . .   *ALL          Character value
Spool file name  . . . . . .   *ALL          Name, generic*, *ALL
User specified data  . . . . . .   *ALL          Character value
Form type  . . . . . .   *ALL          Character value
Status . . . . . .   *ALL          RDY, HLD, SAV, PND, CLO, *ALL
Printer file name  . . . . . .   *ALL          Name, generic*, *ALL
                                   *LIBL         Name, *LIBL
From date created  . . . . . .                  Date
     Through date created  . . .                Date
From days old  . . . . . .                      Number
     Through days old  . . . . .                Number
Exclude output queue name  . . .   *NONE         Name, generic*, *NONE
               + for more values
Exclude output queue lib name  .   *LIBL         Name, *ALL, *LIBL...
               + for more values
Exclude job name . . . . . .   *NONE          Name, generic*, *NONE
                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Job number - This field indicates the number of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all job numbers may be selected. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that may be selected. If *ALL is specified, spool files of any name may be selected. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that may be selected. If *ALL is specified, spool files created by all printer files may be selected. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while preparing the spool files for selection. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while preparing the spool files for selection. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while preparing the spool files for selection. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while preparing the spool files for selection. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.

```
                          Save Output Queue (SAVOUTQ)

Type choices, press Enter.

Exclude user name  . . . . . .   *NONE          Name, generic*, *NONE
Exclude job number . . . . . .   *NONE          Character value
Exclude spool file name  . . . .   *NONE        Name, generic*, *NONE
Exclude user specified data  . .   *NONE        Character value
Exclude form type  . . . . . .   *NONE          Character value
Exclude status . . . . . .  .    *NONE          RDY, HLD, SAV, PND, CLO...
Exclude printer file name  . . .   *NONE        Name, generic*, *NONE
                                     *LIBL       Name, *LIBL
Exclude from date created  . . .                 Date
     Through date created  . . .                 Date
Exclude from days old  . . . . .                 Number
     Through days old  . . . . .                 Number

                                                                      Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the exclude from days old. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **SAVOUTQ** prompt screen, the Select Spool Files To Be Saved screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Saved screen lists all spool files that met the criteria specified on the **SAVOUTQ** prompt screens. This screen allows you to select specific spool files to be saved, displayed, or have their attributes displayed. Spool files are listed by library with a "header" record for each library identified by reverse image display.

```
 SOR030                        Your Company Name Here                        3/11/97
 SOR030D                  S A V E   O U T P U T   Q U E U E                  19:59:55
                            Select Spool Files To Be Saved

 1=Select   5=Display spool file   8=Display attributes

Opt File        Nbr    Job Name   User       Number Pages  Sts  Cpy Form Type
    QPRINT      IN     LIBRARY    QGPL
    DELOUTQVC   000001 DELOUTQVC  QSECOFR    027143 000005 RDY  001 *STD
_   DUPOUTQCP   000001 DUPOUTQCP  QSECOFR    027144 000007 RDY  001 *STD
_   DUPOUTQVC   000001 DUPOUTQVC  QSECOFR    027145 000005 RDY  001 *STD
_   HLP910      000001 HLP910     QSECOFR    027134 000022 RDY  001 *STD
_   HLP920      000001 HLP920     QSECOFR    027135 000019 RDY  001 *STD
_   HLP930      000001 HLP930     QSECOFR    027136 000014 RDY  001 *STD
_   HLP940      000001 HLP940     QSECOFR    027137 000013 RDY  001 *STD
    QPRINTS     IN     LIBRARY    QGPL
_   RSTOUTQVC   000001 RSTOUTQVC  QSECOFR    027147 000007 RDY  001 *STD
_   SAVOUTQCP   000001 SAVOUTQCP  QSECOFR    027148 000014 RDY  001 *STD
_   SAVOUTQVC   000001 SAVOUTQVC  QSECOFR    027149 000007 RDY  001 *STD
                                                                    More...

 F1=Help   F3=Exit   F5=Display save criteria   F11=View 2   F12=Cancel
 F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be saved, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be saved, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User name - This field indicates the name of the user that created the spool file.

Job number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

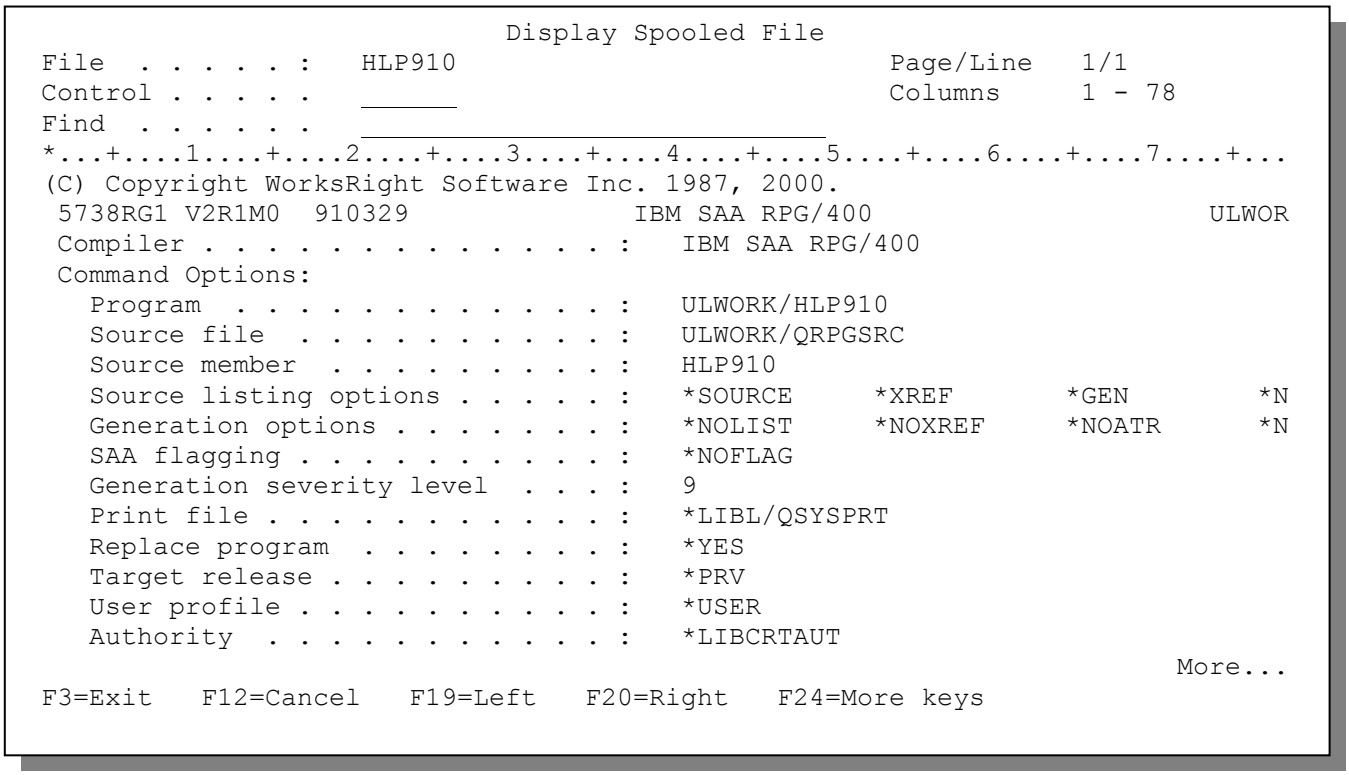
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



```
                              Display Spooled File
File  . . . . . :   HLP910                          Page/Line   1/1
Control . . . . .   ______                          Columns     1 - 78
Find  . . . . . .   ____________________________
*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+...
(C) Copyright WorksRight Software Inc. 1987, 2000.
 5738RG1 V2R1M0  910329              IBM SAA RPG/400                     ULWOR
 Compiler . . . . . . . . . . . . . :   IBM SAA RPG/400
 Command Options:
   Program  . . . . . . . . . . . . :   ULWORK/HLP910
   Source file  . . . . . . . . . . :   ULWORK/QRPGSRC
   Source member  . . . . . . . . . :   HLP910
   Source listing options . . . . . :   *SOURCE     *XREF       *GEN        *N
   Generation options . . . . . . . :   *NOLIST     *NOXREF     *NOATR      *N
   SAA flagging . . . . . . . . . . :   *NOFLAG
   Generation severity level  . . . :   9
   Print file . . . . . . . . . . . :   *LIBL/QSYSPRT
   Replace program  . . . . . . . . :   *YES
   Target release . . . . . . . . . :   *PRV
   User profile . . . . . . . . . . :   *USER
   Authority  . . . . . . . . . . . :   *LIBCRTAUT
                                                                      More...
F3=Exit   F12=Cancel   F19=Left   F20=Right   F24=More keys
```

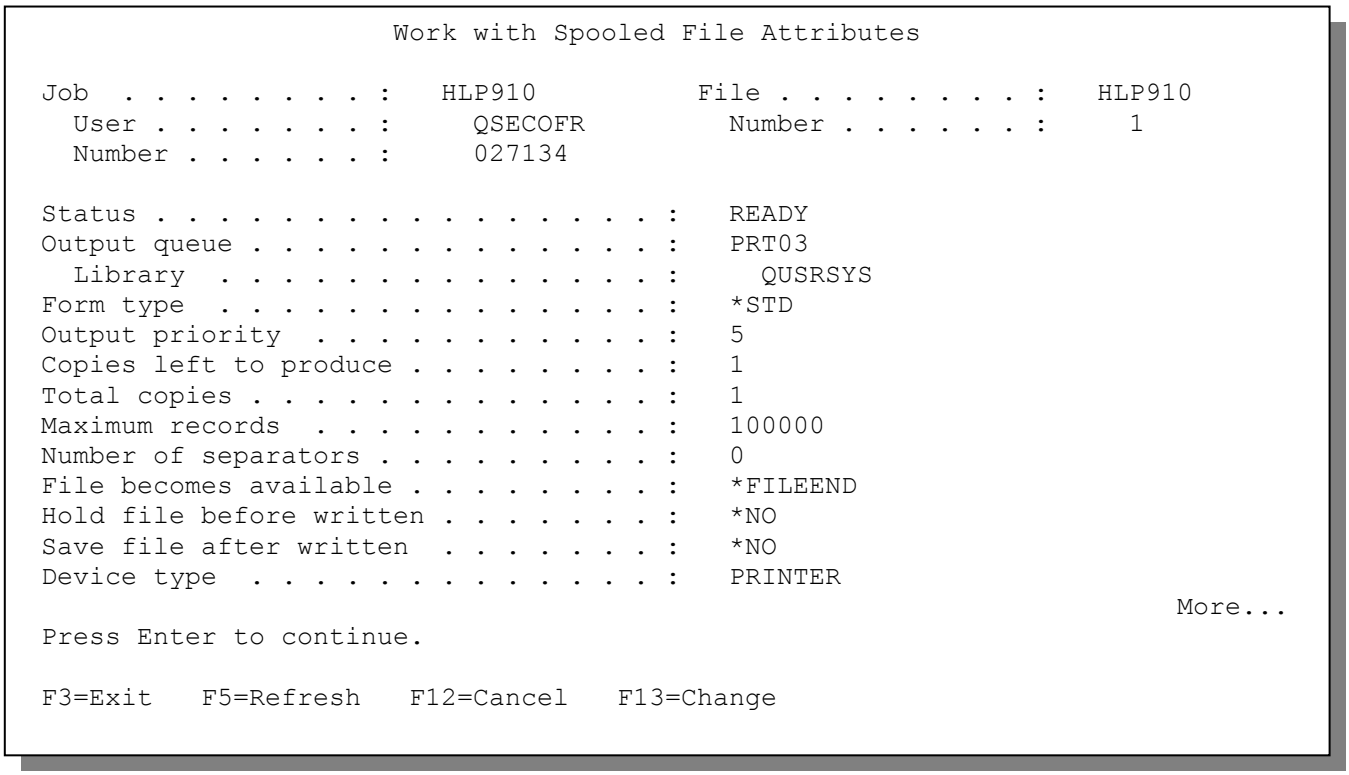
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

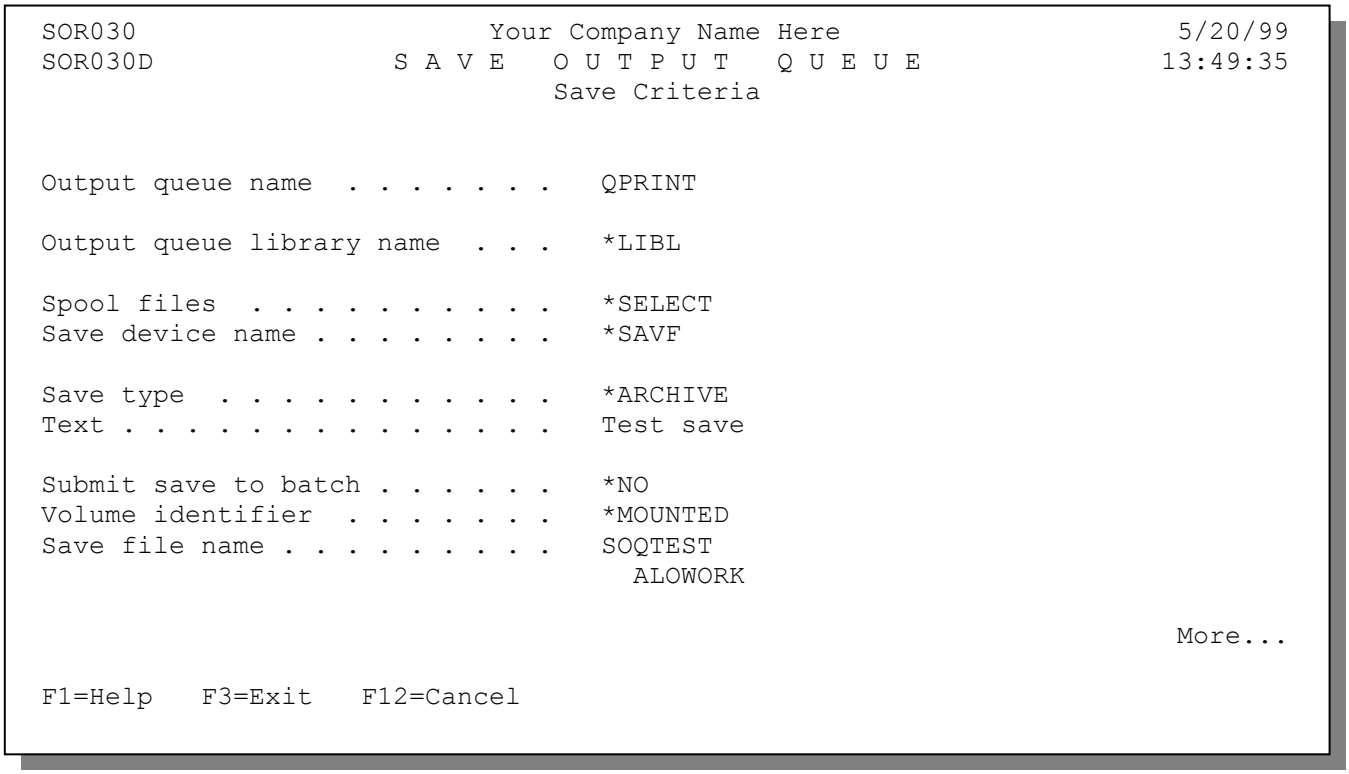
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Saved screen, the first of four Save Criteria screens can be accessed. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the first Save Criteria screen is shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue library name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device name - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the second Save Criteria screen is shown below.

```
SOR030                        Your Company Name Here                        5/24/99
SOR030D                 S A V E   O U T P U T   Q U E U E                  16:18:53
                                  Save Criteria


                               Additional Parameters

Tape option  . . . . . .  . .   *REWIND
Target release . . . . . .  .   *CURRENT
Job name . . . . . .  . . . .   *ALL
User name  . . . . . .  . . .   *ALL
Job number . . . . . .  . . .   *ALL
Spool file name  . . . . . .    *ALL
User specified data  . . . . .  *ALL
Form type  . . . . . .  . . .   *ALL
Status . . . . . .  . . . . .   *ALL
Printer file name  . . . . . .  *ALL
                                  *LIBL
From date created  . . . . . .  000000
     Through date created  . . .  000000
                                                                        More...

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

Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool file can also be restored to a system with any subsequent release of the operating system installed.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

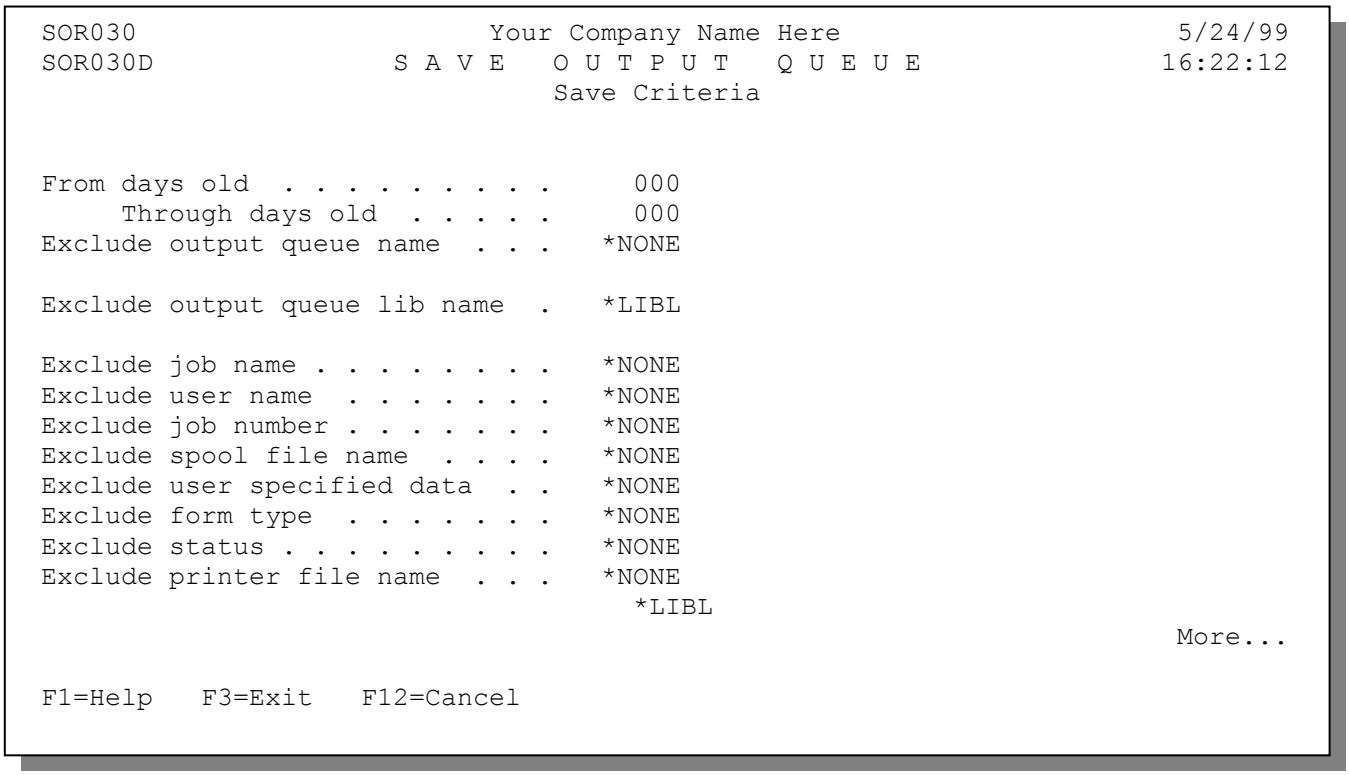
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

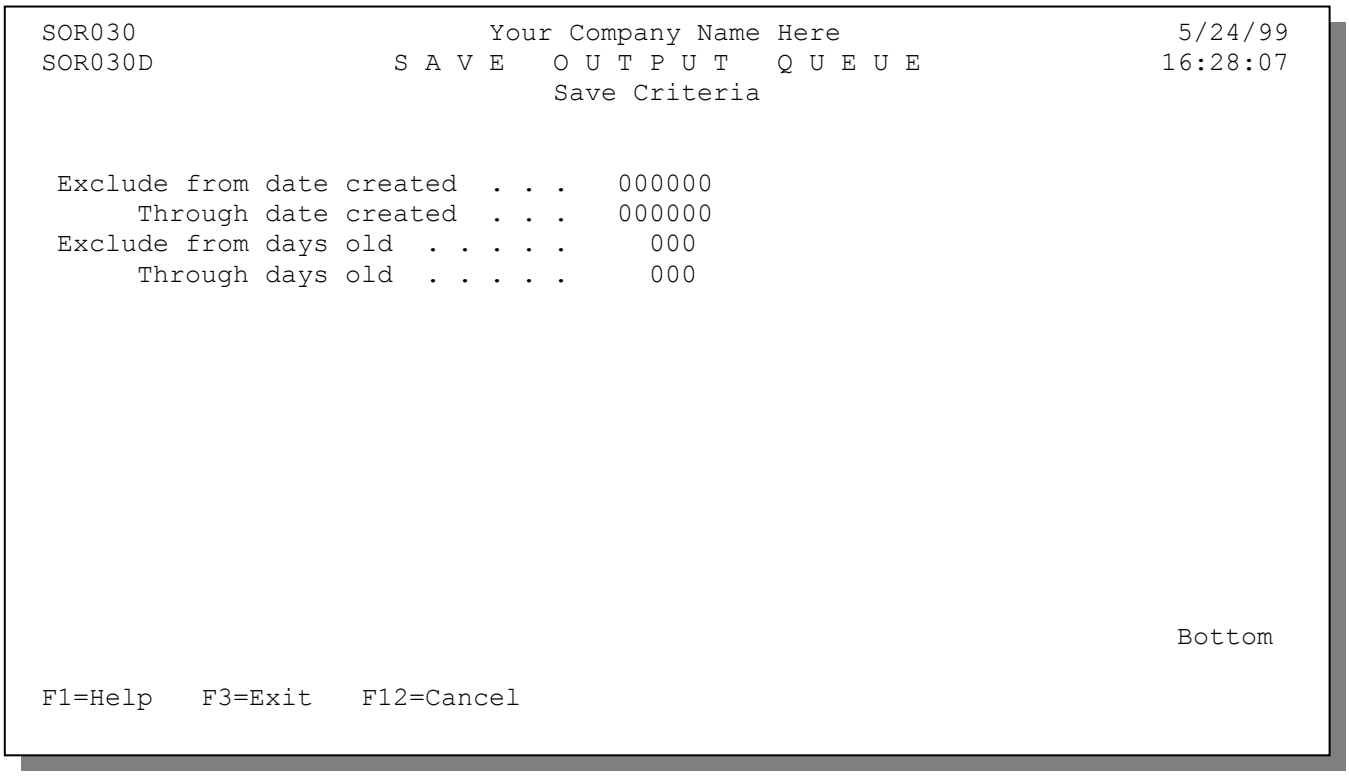
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each save function performed using option 02 from the SOQ Archival Menu will produce a Spool Files Archived report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Archived reports. This report will indicate which spool files were not saved and why they were not saved. This report may also be useful for determining specific spool files to be restored at a later date. An example of the Spool Files Archived report is shown below.

```
        RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
        RUN TIME: 15:20:57                  S A V E   O U T P U T   Q U E U E                         PGM: SOR060
                                                  SPOOL FILES ARCHIVED

        JOB NAME.....: DSP01                                          DEVICE TYPE..............: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID................: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME..........: I00035
        SAVE TEXT....: save view 1

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350001
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350002
SOR120D    000284 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350003
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350004
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    ARCHIVED AS: S000350005
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    ARCHIVED AS: S000350006
SOMAXOLH   000001 SOMAXOLH   QSECOFR    002041      5 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350007
SOQHST06   000001 SOQHST06   QSECOFR    002039      3 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350008
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3                QPRINT     QUSRSYS    ARCHIVED AS: S000350009
SOR225     000001 SOR225     QSECOFR    002046     11 REPORT1                QPRINT     QUSRSYS    ARCHIVED AS: S00035000A


 ***         10 SPOOL FILES ARCHIVED.
```

The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
        RUN TIME: 15:27:44                  S A V E   O U T P U T   Q U E U E                         PGM: SOR060
                                                  SPOOL FILES ARCHIVED

        JOB NAME.....: DSP01                                          DEVICE TYPE..............: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID................: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME..........: I00036
        SAVE TEXT....: save view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- ----------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    ARCHIVED AS: S000360001
SMPRINT    000003 BACKUP     QSYSOPR    016892 *STD        9/06/99 23:02:56 QPRINT     QUSRSYS    ARCHIVED AS: S000360002
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    ARCHIVED AS: S000360003
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    ARCHIVED AS: S000360004
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    ARCHIVED AS: S000360005
SOR030D    000281 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:53 QPRINT     QUSRSYS    ARCHIVED AS: S000360006
SOR120K    000286 DSP01      QSECOFR    004307 *STD        4/19/99 15:59:00 QPRINT     QUSRSYS    ARCHIVED AS: S000360007
SOR030     000060 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:54 QPRINT     QUSRSYS    ARCHIVED AS: S000360008
SOR030     000064 DSP01      QSECOFR    019854 *STD       10/11/99 15:24:05 QPRINT     QUSRSYS    ARCHIVED AS: S000360009
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    ARCHIVED AS: S00036000A
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    ARCHIVED AS: S00036000B
SOR010D    000001 SOR010D    QSECOFR    002034 REPORT1     3/29/99 19:26:33 QPRINT     QUSRSYS    ARCHIVED AS: S00036000C


 ***         12 SPOOL FILES ARCHIVED.
```

The sample report shown above was produced by SOQ using print format 2.

RESTORE SPOOL FILES

To restore all spool files saved by SOQ using a single save request, select option 03 from the SOQ Archival Menu. After selecting option 03, you will be presented with a screen, similar to the one shown below, displaying all save functions recorded in the history file. The displayed information is arranged with the last spool file request presented first. From this list you are able to select the spool file information to be restored. An example of this list is shown below. Save functions may be selected to be restored or to have additional information displayed.

```
 SOR150                        Your Company Name Here                        5/25/99
 SOR150D                 S A V E   O U T P U T   Q U E U E                  11:22:22
                                 Restore Spool Files

 Type options, press Enter.
 1=Select   8=Display additional information

 Position to date:  52599  ( MDY )

Opt  Date      Time      Description
 _    4/13/95  19:31:14  *NONE
 _    4/11/95  20:44:30  Save To SOQTEST
 _    4/09/95  19:22:01  Save Of Selected Spool Files From QPRINT2 To Savf.
 _    4/09/95  19:18:19  Save Of Selected Spool Files From QPRINT2 To Tape.
 _    4/09/95  19:16:00  Save Of Selected Spool Files From QPRINT2 To Dkt.
 _    4/09/95  19:14:19  Save Of All Spool Files In QPRINT2 To Save File.
 _    4/09/95  19:06:40  Save Of All Spool Files In QPRINT2 To Tape
 _    4/09/95  19:06:27  Save Of All Spool Files In QPRINT2 To Diskette.

                                                                        Bottom

 F1=Help   F3=Exit   F11=View 2   F12=Cancel   F13=Select all
 F17=Subset
```

Field Definitions

Position to date - This field allows you to position the list being displayed to a specific date. If there are no records representing the date entered, the record closest to the date specified is displayed. The date entered must be specified in your system's date format.

Option - This field allows you to select one or more previous saves to be restored or to have additional information displayed. Valid values are "1" to select the save to be restored and "8" to select the save to have additional information displayed.

Date - This field indicates the date that the save function was performed.

Time - This field indicates the time of day that the save function was performed.

Description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F11*** while on this screen will cause the save history information to be displayed in the format used by older versions of SOQ.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all saves listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

For each save function selected to be restored, a screen similar to the one shown below will be displayed. This screen allows you to specify the criteria that must be met by each spool file before it is restored. This screen also allows you to submit the restore function to batch by pressing **F6**.

```
SOR150                        Your Company Name Here                        4/13/95
SOR150D                  S A V E   O U T P U T   Q U E U E                  21:17:37
                               Restore Spool Files

The criteria shown below can be modified so that only the desired spool files
are restored.

Output Queue Name...: QPRINT2          Form Type ..........: *ALL
  Library...........: *LIBL            Status..............: *ALL
Job Name............: *ALL             Printer File Name...: *ALL
User Name...........: *ALL               Library...........: *LIBL
Job Number..........: *ALL             Save Device Type....: *SAVF
Spool File Name.....: *ALL             Save File Name......: SOQTEST2
User Data...........: *ALL               Library...........: SOQWORK
Date Created........: ...From: _______  ...Through: _______
Days Old............: ...From: _____    ...Through: ___
Save Description....: Save Of Selected Spool Files From QPRINT2 To Savf.
Restore To Output Queue Library / Name...: *LIBL      / QPRINT2
Restore From Device Type.................: *SAVF
Device Names............: __________ __________ __________ __________
Save File Library / Name....: SOQWORK    / SOQTEST2

F1=Help   F3=Exit   F6=Submit to batch   F12=Cancel
```

Field Definitions

Output queue - This field indicates the output queue that contained the spool files that are to be restored. If no spool files from the output queue were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files contained in all output queues were saved and you wish to restore only spool files contained in a specific output queue.

Job name - This field indicates the job name that generated the spool files that are to be restored. If no spool files generated by the job name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all jobs were saved and you wish to restore only spool files generated by a specific job name.

User name - This field indicates the user name that generated the spool files that are to be restored. If no spool files generated by the user name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all users were saved and you wish to restore only spool files generated by a specific user name.

Job number - This field indicates the job number that generated the spool files that are to be restored. If no spool files generated by the job number were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all job numbers were saved and you wish to restore only spool files generated by a specific job number.

Spool file name - This field indicates the name of the spool files that are to be restored. If no spool files with the name specified were saved by the selected save function, no spool files will be restored. This field is especially useful if all spool file names were saved and you wish to restore only spool files with a specific name.

User data - This field indicates the user data of the spool files that are to be restored. If no spool files with the user data specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all user data were saved and you wish to restore only spool files with specific user data.

Form type - This field indicates the form type of the spool files that are to be restored. If no spool files with the form type specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all form types were saved and you wish to restore only spool files with specific form type.

Status - This field indicates the status of the spool files that are to be restored. If no spool files with the status specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all statuses were saved and you wish to restore only spool files with specific status.

Printer file - This field indicates the printer file used to create the spool files that are to be restored. If no spool files created using the printer file specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files created using all printer files were saved and you wish to restore only spool files created using a specific printer file.

Save device type - This field indicates the device type utilized with the **SAVOUTQ** command when the save function was performed. This device type will be either *DISKETTE, *TAPE or *SAVF, depending on the device type used.

Save file name - This field indicates the save file specified with the **SAVOUTQ** command when the save function was performed. A save file is specified with the **SAVOUTQ** command only when *SAVF is displayed as the *save device type*.

Date created from - This field indicates the beginning of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored.

Date created through - This field indicates the end of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored.

Days old from - This field indicates the beginning of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Days old through - This field indicates the end of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Save description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Restore to output queue - This field determines the output queue that will contain the restored spool files. Valid values are any valid output queue name or *SAVOUTQ. If an output queue name is specified, the output queue must currently exist in the library specified. If *SAVOUTQ is specified, the spool files will be restored to the same output queue from which they were saved.

Restore from device type - This field determines the device type that will be used while restoring spool files saved by the selected save function.

Device names - This field determines the device name(s) that will be used while restoring the spool files. Valid values are any tape, diskette, or optical device name and must be of the same device type as the "Restore from device type" field shown above. Device names can appear only once in the list. Device names should be entered in the left most field and so on until all device names have been entered, up to the limit of four devices.

Save file library/name - This field determines the save file that will be used while restoring spool files saved by the selected save function. Save file library/name is required only if *SAVF is displayed as the *save device type*.

Function Keys

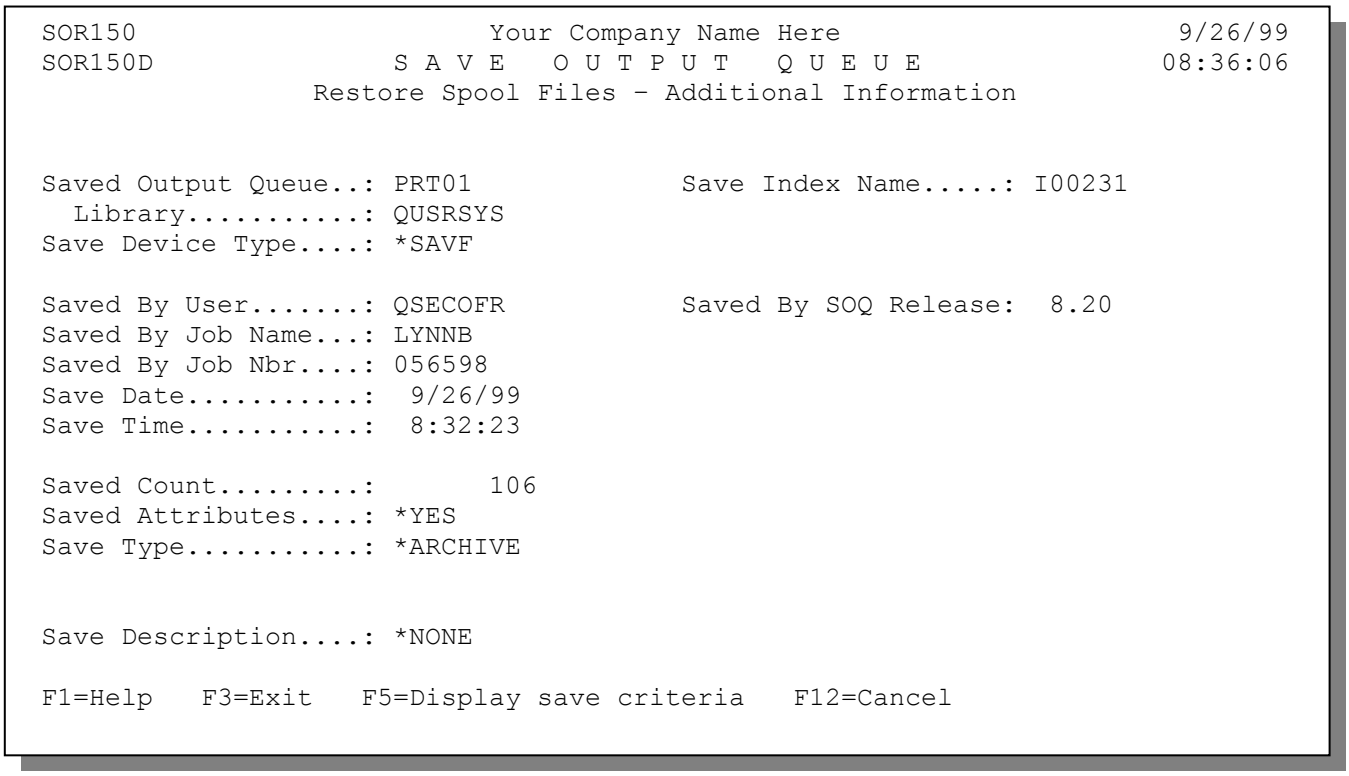
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F6*** while on this screen will submit the restore function to batch using the job queue specified in your SOQ system defaults.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each save function selected to have additional information displayed, a screen similar to the one shown below will be displayed. This screen allows you to view information concerning the save function selected. For more information, the **F5** function key may be pressed to display the original "Save Criteria" for the save function.



Field Definitions

Saved output queue - This field indicates the output queue name and library specified with the **SAVOUTQ** command when the save function was performed.

Save device type - This field indicates the device type utilized with the **SAVOUTQ** command when the save function was performed. This device type will be either *DISKETTE, *TAPE or *SAVF, depending on the device type used.

Saved by user - This field indicates the name of the user that performed the save function.

Saved by job name - This field indicates the name of the job that performed the save function. If the **SAVOUTQ** command was executed interactively, this field will contain the name of the workstation at which the save function was performed.

Saved by job number - This field indicates the job number of the job that performed the save function.

Save date - This field indicates the date that the save function was performed.

Save time - This field indicates the time of day that the save function was performed.

Save count - This field indicates the number of spool files that were saved with this save function.

Saved attributes - This field indicates whether or not spool file attributes were retrieved and saved for each spool file. Previous releases of SOQ allowed the use of default spool file attributes to speed up the process of saving an output queue. As of SOQ release 4.00, default spool file attributes are no longer needed because retrieving spool file attributes requires no extra time. The value for this field will always be *YES for save functions performed with SOQ release 4.00 and higher. The value for this field will be either *YES or *NO for save functions performed with SOQ release 3.02 or lower depending upon the value specified with the **SAVOUTQ** command.

Save type - This field indicates type of save performed by the **SAVOUTQ** command. Values for this field will always be *ARCHIVE, *MICROFICHE, or *COLDSTG depending upon the value specified for the *save type* parameter on the **SAVOUTQ** command when the save function was performed.

Save description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Save index name - This field indicates the name of the working index generated by SOQ when the save function was performed. If the *save type* parameter on the **SAVOUTQ** command was specified as *ARCHIVE, spool files saved may be restored by executing the **RSTOUTQ** command and specifying the value of this field as the *restore using index name* parameter.

Saved by SOQ release - This field indicates the release of Save Output Queue that was used at the time this save was performed.

Function Keys

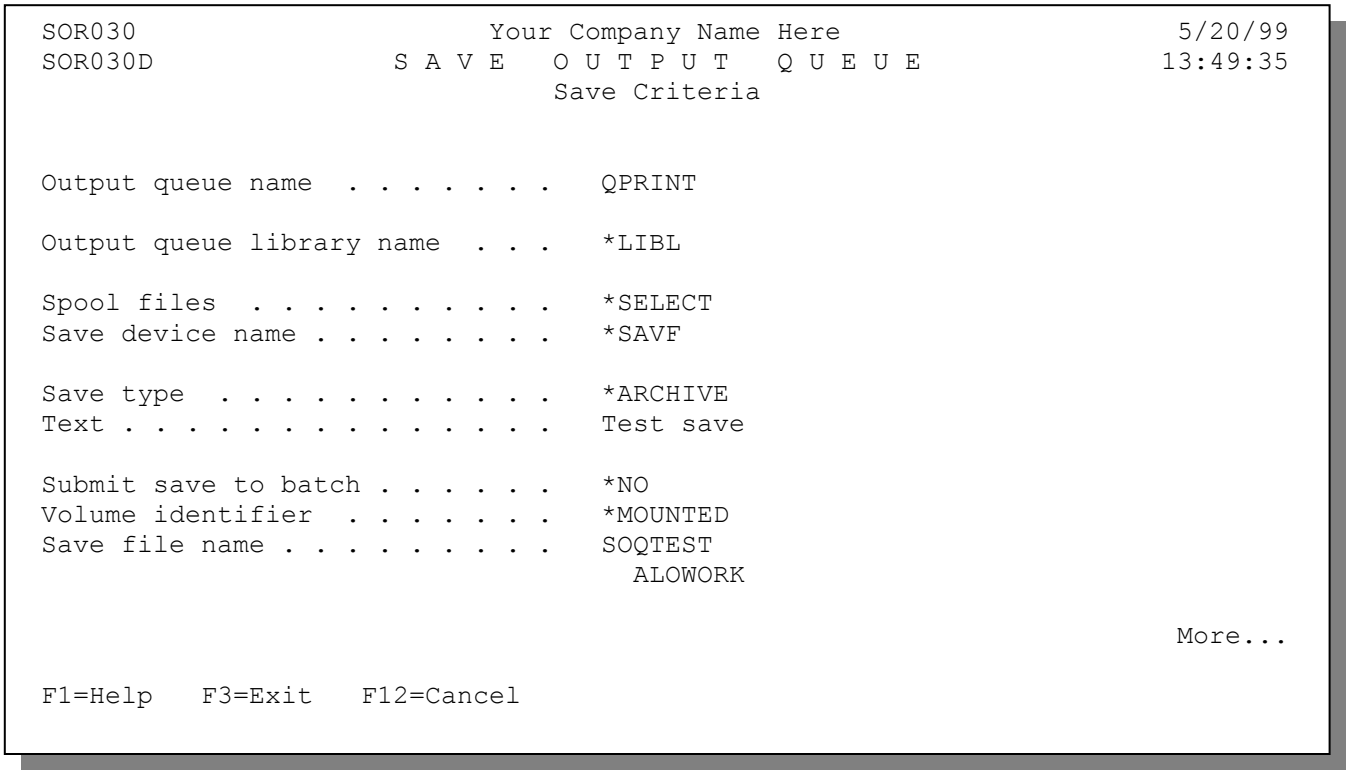
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing **F5** while on the Additional Information screen, the first Save Criteria screen can be accessed. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** or **SAVSPLF** command prompt screens. An example of the first Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device name - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

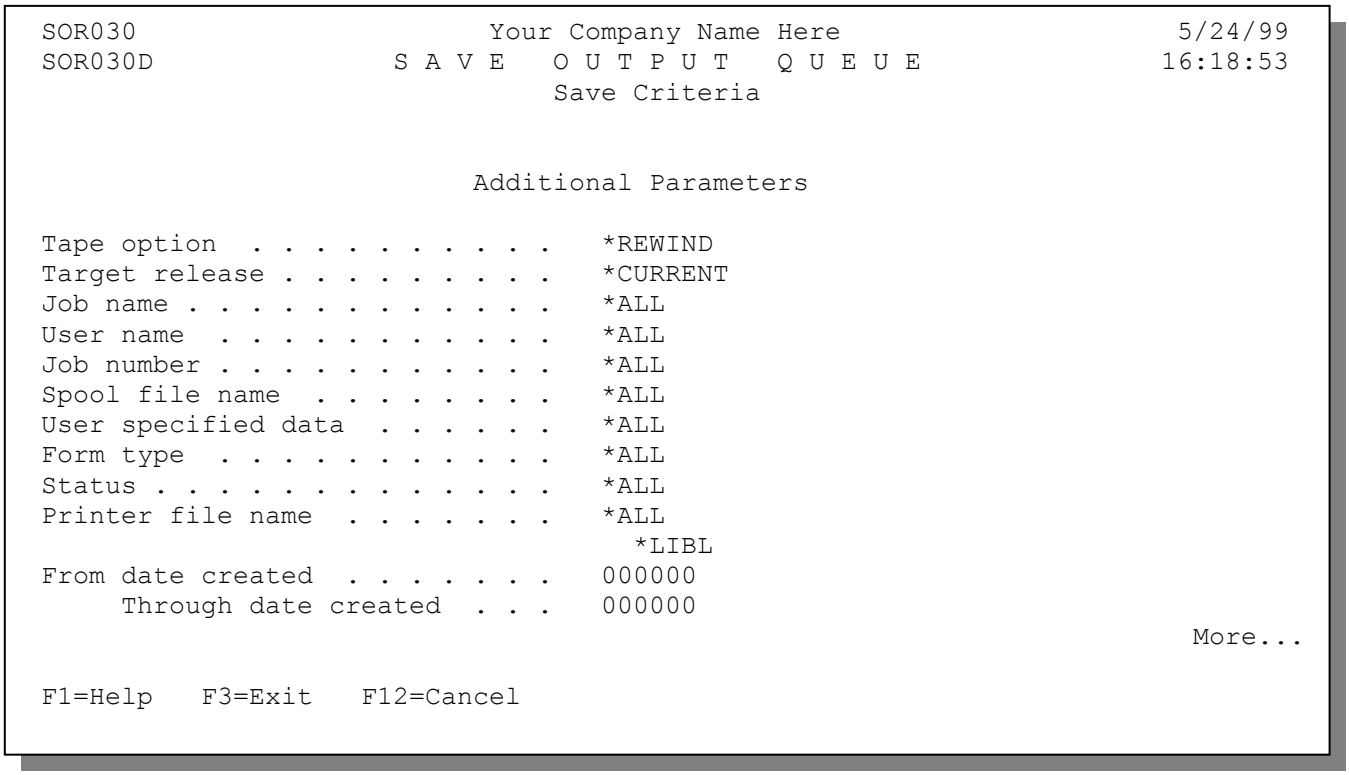
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second Save Criteria screen. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** and **SAVSPLF** command prompt screens. An example of the second Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



```
SOR030                        Your Company Name Here                        5/24/99
SOR030D                  S A V E   O U T P U T   Q U E U E                  16:18:53
                                  Save Criteria


                              Additional Parameters

Tape option  . . . . . .  . .   *REWIND
Target release . . . . . .  .   *CURRENT
Job name . . . . . .  . . . .   *ALL
User name  . . . . . .  . . .   *ALL
Job number . . . . . .  . . .   *ALL
Spool file name  . . . . . .    *ALL
User specified data  . . . . .  *ALL
Form type  . . . . . .  . . .   *ALL
Status . . . . . .  . . . . .   *ALL
Printer file name  . . . . . .  *ALL
                                  *LIBL
From date created  . . . . . .  000000
     Through date created  . . .  000000
                                                                        More...

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

Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool file can also be restored to a system with any subsequent release of the operating system installed.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

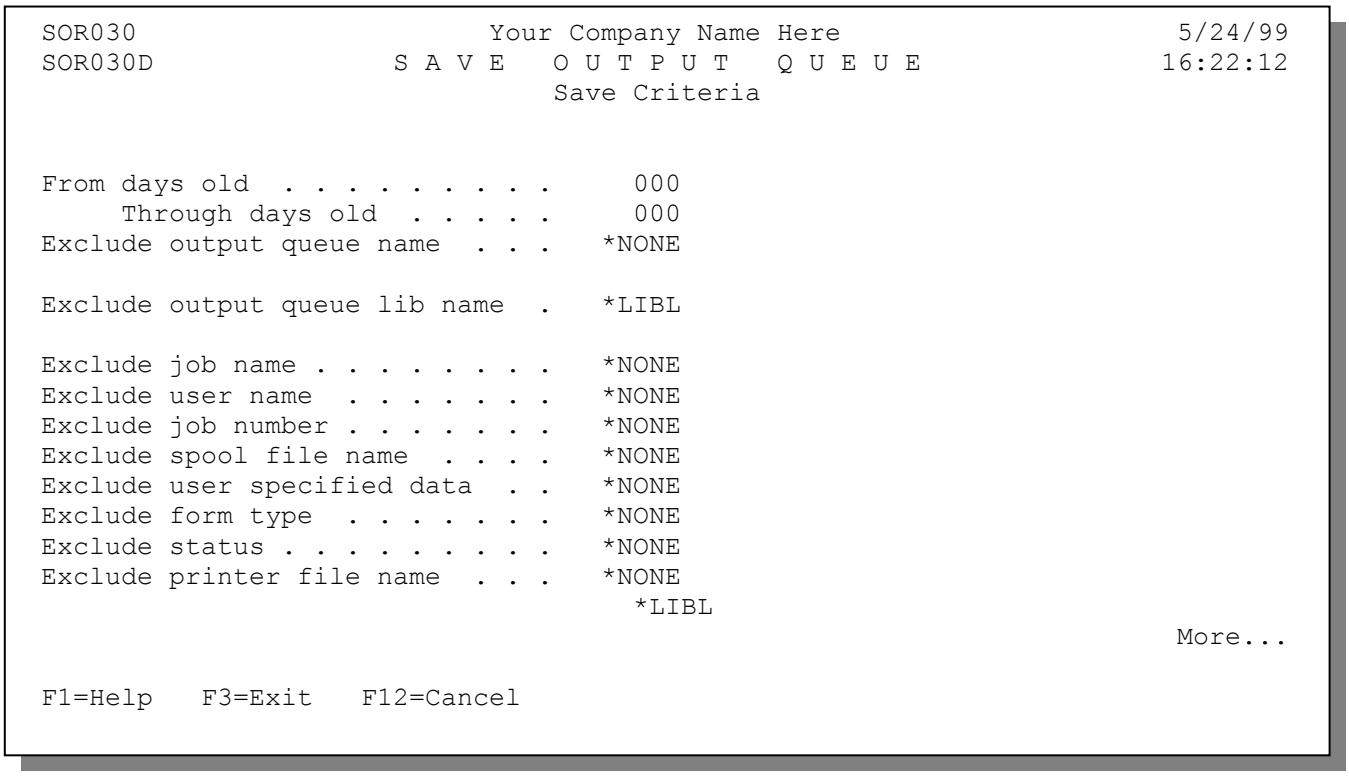
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen for the **SAVOUTQ** command, you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

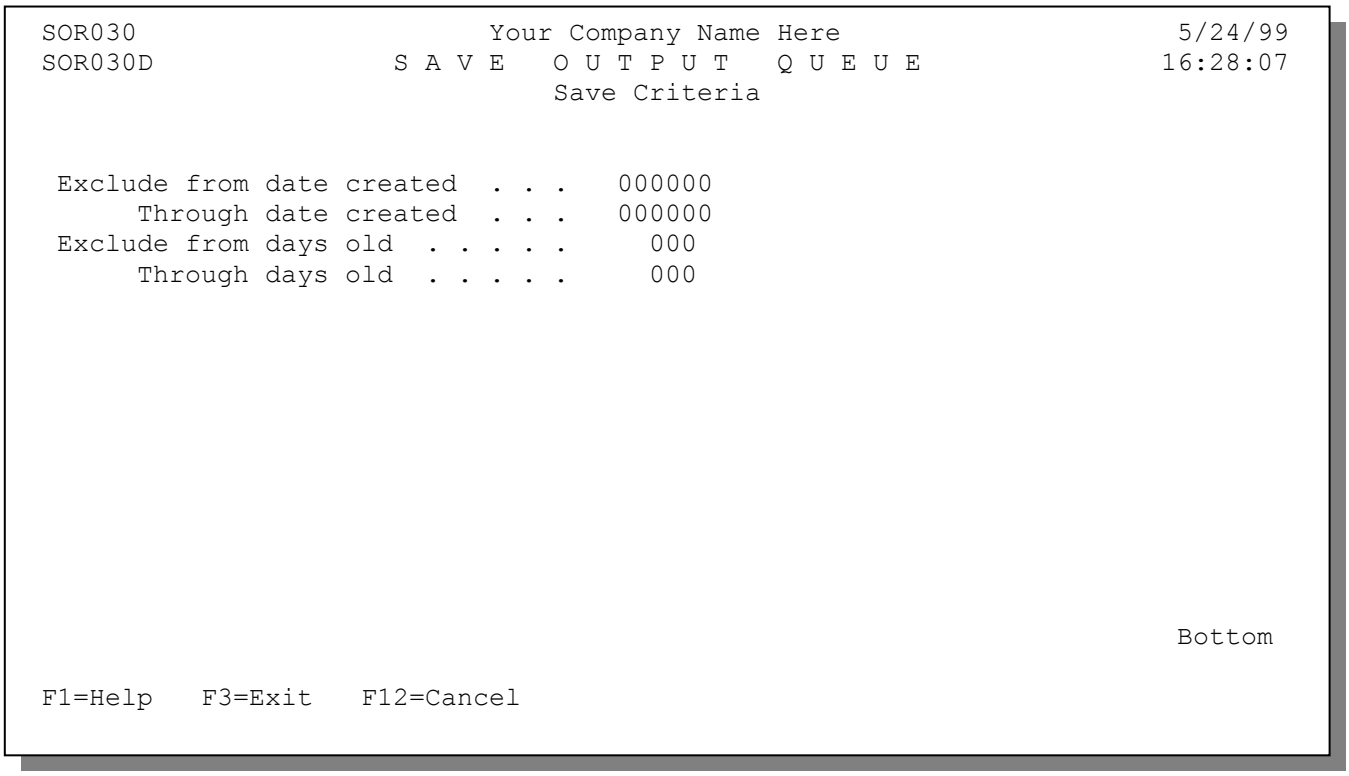
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen for the **SAVOUTQ** command, you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each restore function performed using option 03 from the SOQ Archival Menu will produce a Spool Files Restored report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Restored reports. This report will indicate which spool files, if any, were not restored and why they were not restored. This report may also be useful for determining the specific output queue to which a spool file was restored. An example of the Spool Files Restored report is shown below.

```
        RUN DATE: 05/11/02                      Your Company Name Here                                  PAGE:    1
        RUN TIME: 15:23:50                  S A V E   O U T P U T   Q U E U E                         PGM: SOR130K
                                                SPOOL FILES RESTORED

        JOB NAME.....: DSP01                                            DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                          VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                           SAVE INDEX NAME...: I00035

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR120D    000284 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOMAXOLH   000001 SOMAXOLH   QSECOFR    002041      5 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOQHST06   000001 SOQHST06   QSECOFR    002039      3 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR225     000001 SOR225     QSECOFR    002046     11 REPORT1                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT


 ***         10 SPOOL FILES RESTORED.
```

The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 05/11/02                      Your Company Name Here                                  PAGE:    1
        RUN TIME: 15:30:55                  S A V E   O U T P U T   Q U E U E                         PGM: SOR130K
                                                SPOOL FILES RESTORED

        JOB NAME.....: DSP01                                            DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                          VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                           SAVE INDEX NAME...: I00036

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000003 BACKUP     QSYSOPR    016892 *STD        9/06/99 23:02:56 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000281 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:53 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR120K    000286 DSP01      QSECOFR    004307 *STD        4/19/99 15:59:00 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000060 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:54 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000064 DSP01      QSECOFR    019854 *STD       10/11/99 15:24:05 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR010D    000001 SOR010D    QSECOFR    002034 REPORT1     3/29/99 19:26:33 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT


 ***         12 SPOOL FILES RESTORED.
```

The sample report shown above was produced by SOQ using print format 2.

RESTORE SELECTED SPOOL FILES

To restore selected spool files saved by SOQ using a single save request, select option 04 from the SOQ Archival Menu. After selecting option 04, you will be presented with a screen, similar to the one shown below, displaying all save functions recorded in the history file. The displayed information is arranged with the last spool file request presented first. From this list you are able to select the spool file information to be restored. An example of this list is shown below. Save functions may be selected to be restored or to have additional information displayed.

```
 SOR150                        Your Company Name Here                        5/25/99
 SOR150D                 S A V E   O U T P U T   Q U E U E                  11:22:22
                                 Restore Spool Files

 Type options, press Enter.
 1=Select   8=Display additional information

 Position to date:  52599  ( MDY )

Opt  Date      Time      Description
 _    4/13/95  19:31:14  *NONE
 _    4/11/95  20:44:30  Save To SOQTEST
 _    4/09/95  19:22:01  Save Of Selected Spool Files From QPRINT2 To Savf.
 _    4/09/95  19:18:19  Save Of Selected Spool Files From QPRINT2 To Tape.
 _    4/09/95  19:16:00  Save Of Selected Spool Files From QPRINT2 To Dkt.
 _    4/09/95  19:14:19  Save Of All Spool Files In QPRINT2 To Save File.
 _    4/09/95  19:06:40  Save Of All Spool Files In QPRINT2 To Tape
 _    4/09/95  19:06:27  Save Of All Spool Files In QPRINT2 To Diskette.

                                                                       Bottom

 F1=Help   F3=Exit   F11=View 2   F12=Cancel   F13=Select all
 F17=Subset
```

Field Definitions

Position to date - This field allows you to position the list being displayed to a specific date. If there are no records representing the date entered, the record closest to the date specified is displayed. The date entered must be specified in your system's date format.

Option - This field allows you to select one or more previous saves to be restored or to have additional information displayed. Valid values are "1" to select the save to be restored and "8" to select the save to have additional information displayed.

Date - This field indicates the date that the save function was performed.

Time - This field indicates the time of day that the save function was performed.

Description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

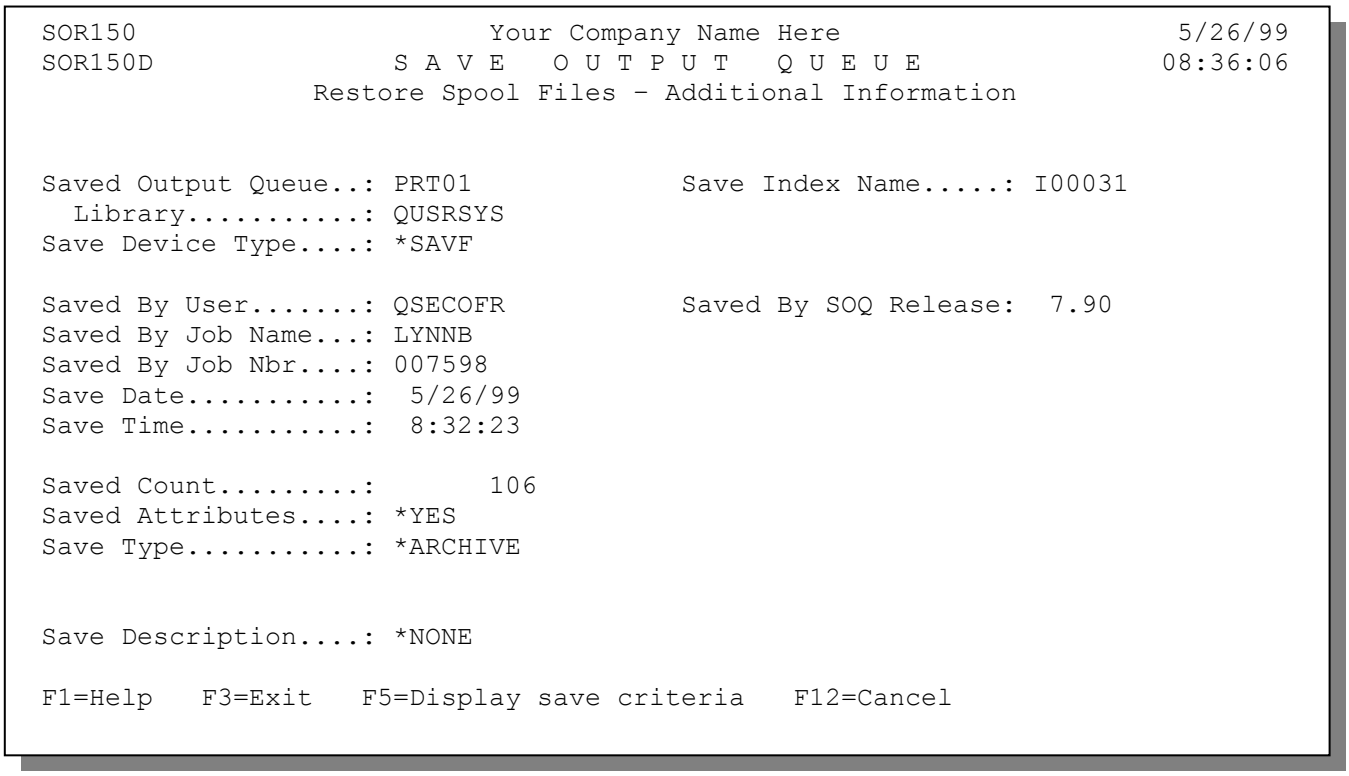
Pressing ***F11*** while on this screen will cause the save history information to be displayed in the format used by older versions of SOQ.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all saves listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

For each save function selected to have additional information displayed, a screen similar to the one shown below will be displayed. This screen allows you to view information concerning the save function selected. For more information, the **F5** function key may be pressed to display the original "Save Criteria" for the save function.



Field Definitions

Saved output queue - This field indicates the output queue name and library specified with the **SAVOUTQ** command when the save function was performed.

Save device type - This field indicates the device type utilized with the **SAVOUTQ** command when the save function was performed. This device type will be either *DISKETTE, *TAPE or *SAVF, depending on the device type used.

Saved by user - This field indicates the name of the user that performed the save function.

Saved by job name - This field indicates the name of the job that performed the save function. If the **SAVOUTQ** command was executed interactively, this field will contain the name of the workstation at which the save function was performed.

Saved by job number - This field indicates the job number of the job that performed the save function.

Save date - This field indicates the date that the save function was performed.

Save time - This field indicates the time of day that the save function was performed.

Saved count - This field indicates the number of spool files that were saved with this save function.

Saved attributes - This field indicates whether or not spool file attributes were retrieved and saved for each spool file. Previous releases of SOQ allowed the use of default spool file attributes to speed up the process of saving an output queue. As of SOQ release 4.00, default spool file attributes are no longer needed because retrieving spool file attributes requires no extra time. The value for this field will always be *YES for save functions performed with SOQ release 4.00 and higher. The value for this field will be either *YES or *NO for save functions performed with SOQ release 3.02 or lower depending upon the value specified with the **SAVOUTQ** command.

Save type - This field indicates type of save performed by the **SAVOUTQ** command. Values for this field will always be *ARCHIVE or *MICROFICHE depending upon the value specified for the *save type* parameter on the **SAVOUTQ** command when the save function was performed.

Save description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Save index name - This field indicates the name of the working index generated by SOQ when the save function was performed. If the *save type* parameter on the **SAVOUTQ** command was specified as *ARCHIVE, spool files saved may be restored by executing the **RSTOUTQ** command and specifying the value of this field as the *restore using index name* parameter.

Saved by SOQ release - This field indicates the release of Save Output Queue that was used at the time this save was performed.

Function Keys

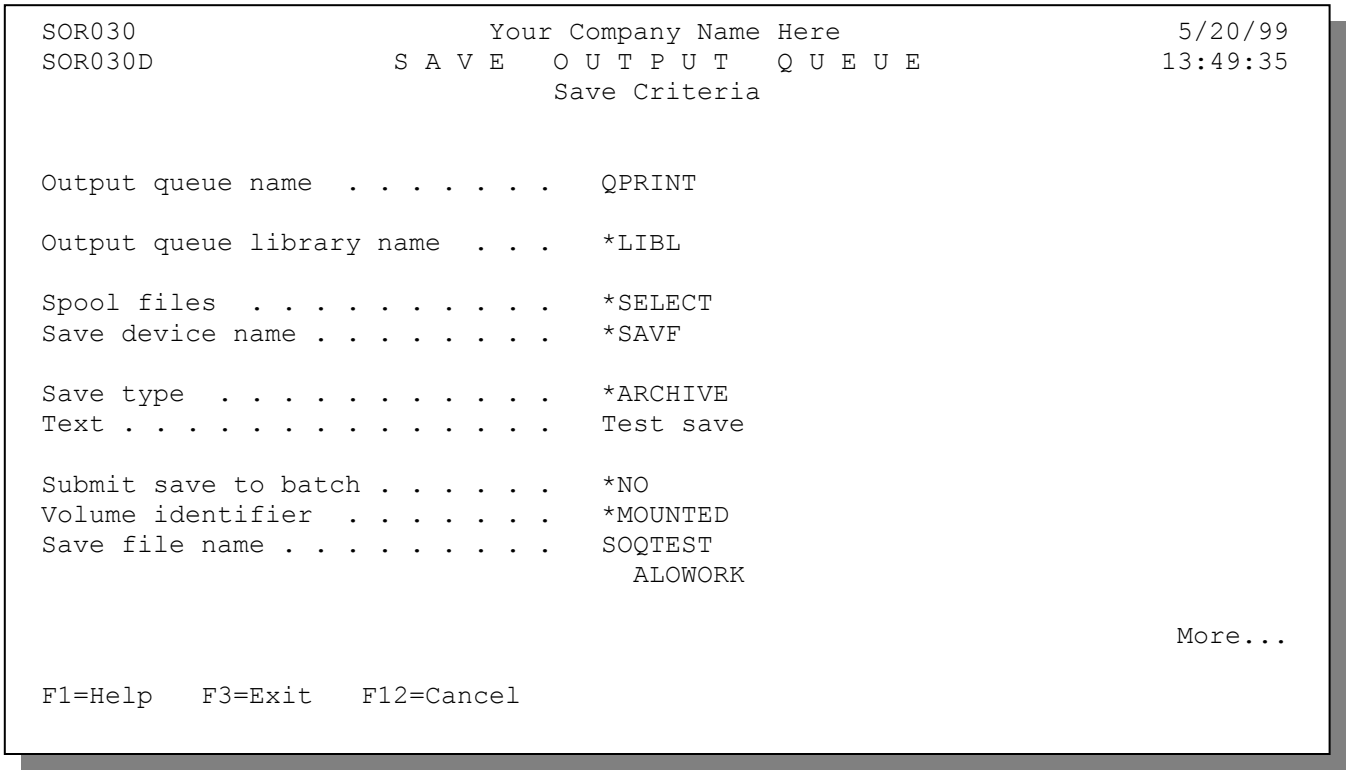
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing **F5** while on the Additional Information screen, the first Save Criteria screen can be accessed. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** or **SAVSPLF** command prompt screens. An example of the first Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue library name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device name - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

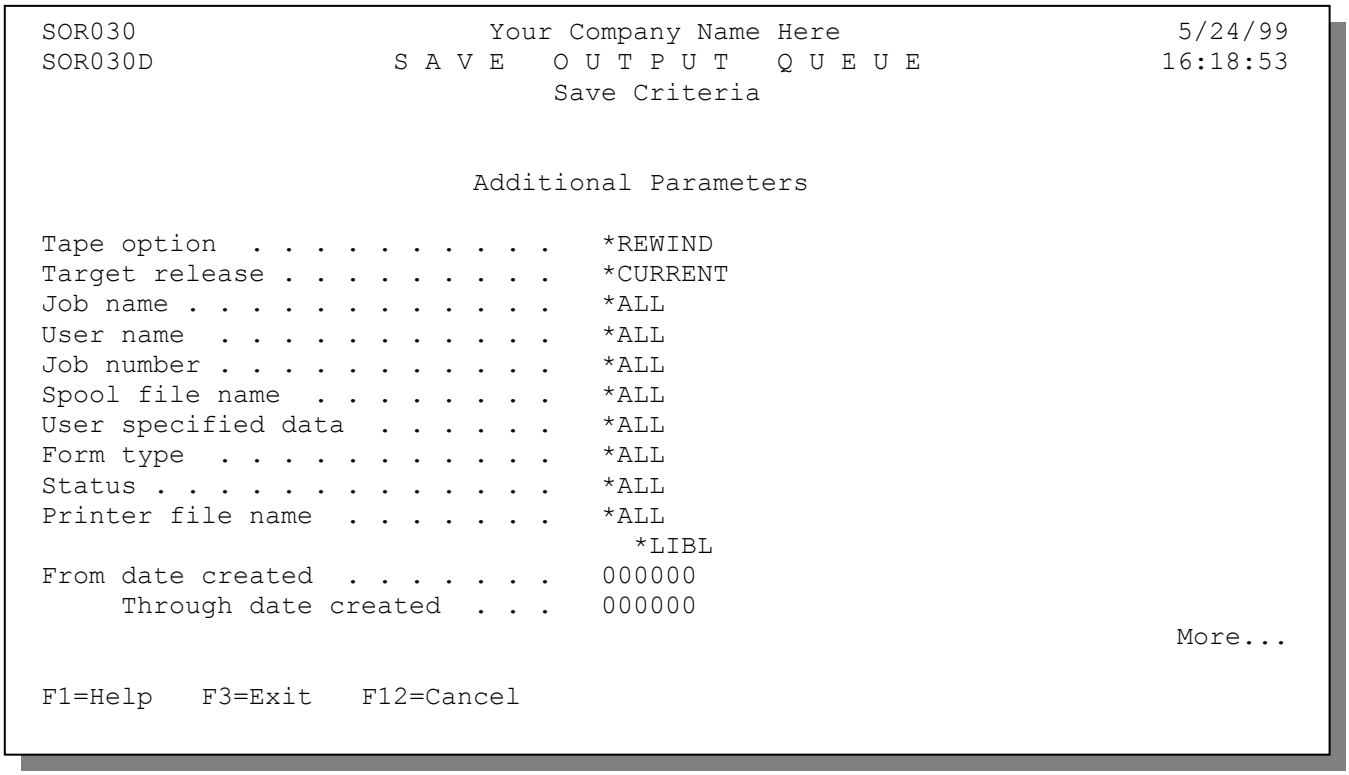
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second Save Criteria screen. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** and **SAVSPLF** command prompt screens. An example of the second Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



```
SOR030                        Your Company Name Here                        5/24/99
SOR030D                  S A V E   O U T P U T   Q U E U E                  16:18:53
                                   Save Criteria


                               Additional Parameters

Tape option  . . . . . .  . .   *REWIND
Target release . . . . . .  .   *CURRENT
Job name . . . . . .  . . . .   *ALL
User name  . . . . . .  . . .   *ALL
Job number . . . . . .  . . .   *ALL
Spool file name  . . . . . .    *ALL
User specified data  . . . . .  *ALL
Form type  . . . . . .  . . .   *ALL
Status . . . . . .  . . . . .   *ALL
Printer file name  . . . . . .  *ALL
                                  *LIBL
From date created  . . . . . .  000000
     Through date created  . . .  000000
                                                                        More...

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

Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool file can also be restored to a system with any subsequent release of the operating system installed.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

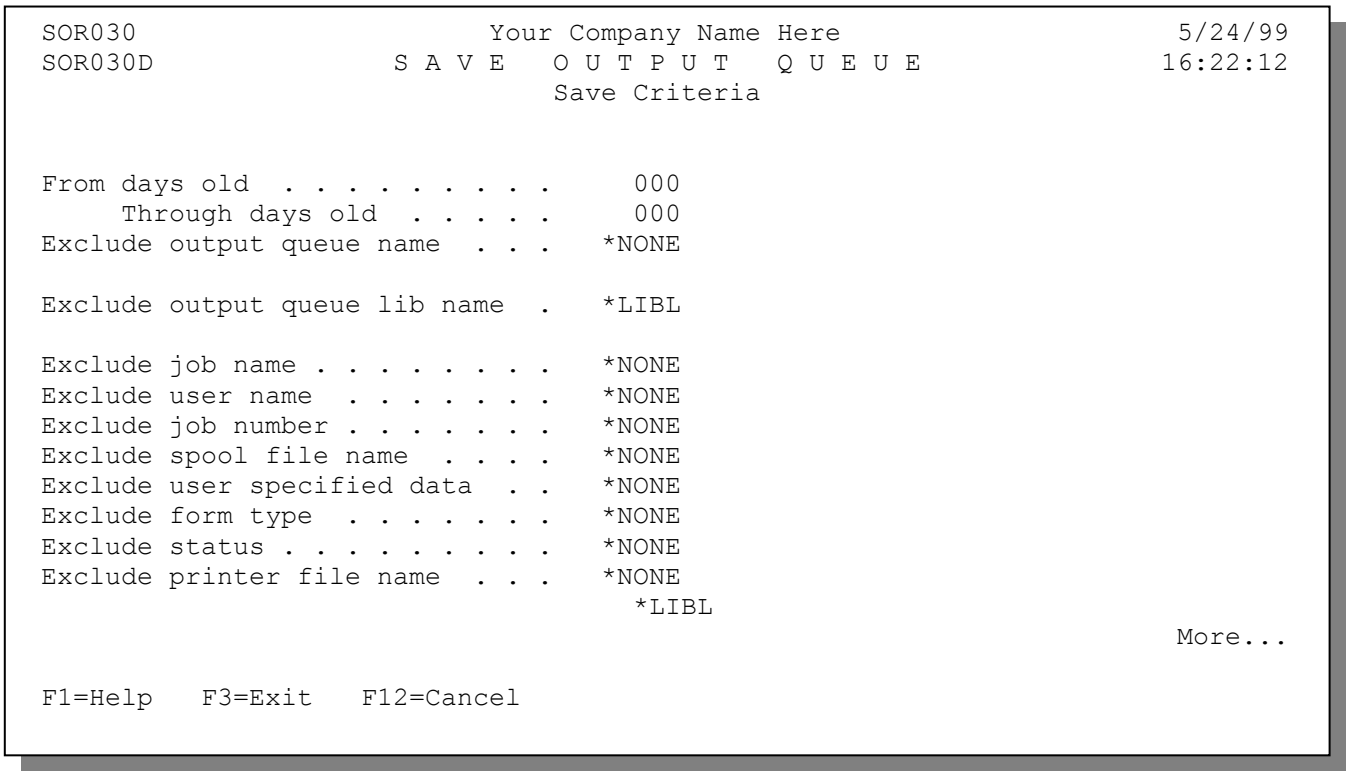
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen for the **SAVOUTQ** command, you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

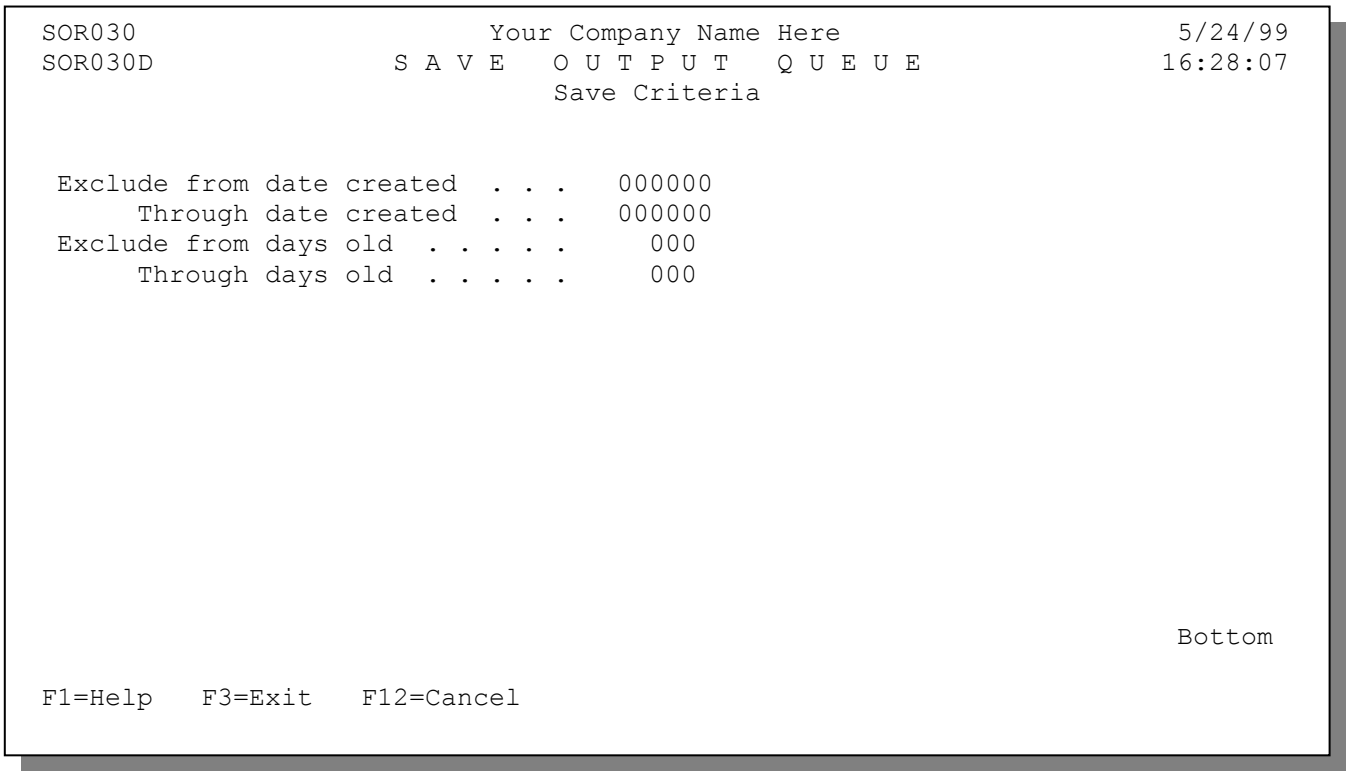
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen for the **SAVOUTQ** command, you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each save function selected to be restored a screen similar to the one shown below will be displayed. This screen allows you to specify the criteria that must be met by each spool file before it is listed for you to select from. This screen only limits the scope of spool files that may be selected to be restored.

```
SOR150                        Your Company Name Here                        4/13/95
SOR150D                  S A V E   O U T P U T   Q U E U E                  21:17:37
                               Restore Spool Files

The criteria shown below can be modified so that only the desired spool files
are restored.

Output Queue Name...: QPRINT2          Form Type ..........: *ALL
  Library...........: *LIBL            Status..............: *ALL
Job Name............: *ALL             Printer File Name...: *ALL
User Name...........: *ALL               Library...........: *LIBL
Job Number..........: *ALL             Save Device Type....: *SAVF
Spool File Name.....: *ALL             Save File Name......: SOQTEST2
User Data...........: *ALL               Library...........: SOQWORK
Date Created........: ...From: _______   ...Through: _______
Days Old............: ...From: _______   ...Through: ___
Save Description....: Save Of Selected Spool Files From QPRINT2 To Savf.
Restore To Output Queue Library / Name...: *LIBL       / QPRINT2
Restore From Device Type.................: *SAVF
Device Names............: _________ _________ _________ _________
Save File Library / Name....: SOQWORK    / SOQTEST2

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

Field Definitions

Output queue - This field indicates the output queue that contained the spool files that are to be restored. If no spool files from the output queue were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files contained in all output queues were saved and you wish to restore only spool files contained in a specific output queue.

Job name - This field indicates the job name that generated the spool files that are to be restored. If no spool files generated by the job name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all jobs were saved and you wish to restore only spool files generated by a specific job name.

User name - This field indicates the user name that generated the spool files that are to be restored. If no spool files generated by the user name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all users were saved and you wish to restore only spool files generated by a specific user name.

Job number - This field indicates the job number that generated the spool files that are to be restored. If no spool files generated by the job number were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all job numbers were saved and you wish to restore only spool files generated by a specific job number.

Spool file name - This field indicates the name of the spool files that are to be restored. If no spool files with the name specified were saved by the selected save function, no spool files will be restored. This field is especially useful if all spool file names were saved and you wish to restore only spool files with a specific name.

User data - This field indicates the user data of the spool files that are to be restored. If no spool files with the user data specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all user data were saved and you wish to restore only spool files with specific user data.

Form type - This field indicates the form type of the spool files that are to be restored. If no spool files with the form type specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all form types were saved and you wish to restore only spool files with specific form type.

Status - This field indicates the status of the spool files that are to be restored. If no spool files with the status specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all statuses were saved and you wish to restore only spool files with specific status.

Printer file - This field indicates the printer file used to create the spool files that are to be restored. If no spool files created using the printer file specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files created using all printer files were saved and you wish to restore only spool files created using a specific printer file.

Save device type - This field indicates the device type utilized with the **SAVOUTQ** command when the save function was performed. This device type will be either *DISKETTE, *TAPE or *SAVF, depending on the device type used.

Save file name - This field indicates the save file specified with the **SAVOUTQ** command when the save function was performed. A save file is specified with the **SAVOUTQ** command only when the *save device type* specified is *SAVF.

Date created from - This field indicates the beginning of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Date created through - This field indicates the end of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Days old from - This field indicates the beginning of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Days old through - This field indicates the end of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Save description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Restore to output queue - This field determines the output queue that will contain the restored spool files. Valid values are any valid output queue name or *SAVOUTQ. If an output queue name is specified, the output queue must currently exist in the library specified. If *SAVOUTQ is specified, the spool files will be restored to the same output queue from which they were saved.

Restore from device type - This field determines the device type that will be used while restoring spool files saved by the selected save function.

Device names - This field determines the device name(s) that will be used while restoring the spool files. Valid values are any tape, diskette, or optical device name and must be of the same device type as the "Restore from device type" field shown above. Device names can appear only once in the list. Device names should be entered in the left most field and so on until all device names have been entered, up to the limit of four devices.

Save file library/name - This field determines the save file that will be used while restoring spool files saved by the selected save function. Save file library/name is required only if *SAVF is displayed as the *save device type*.

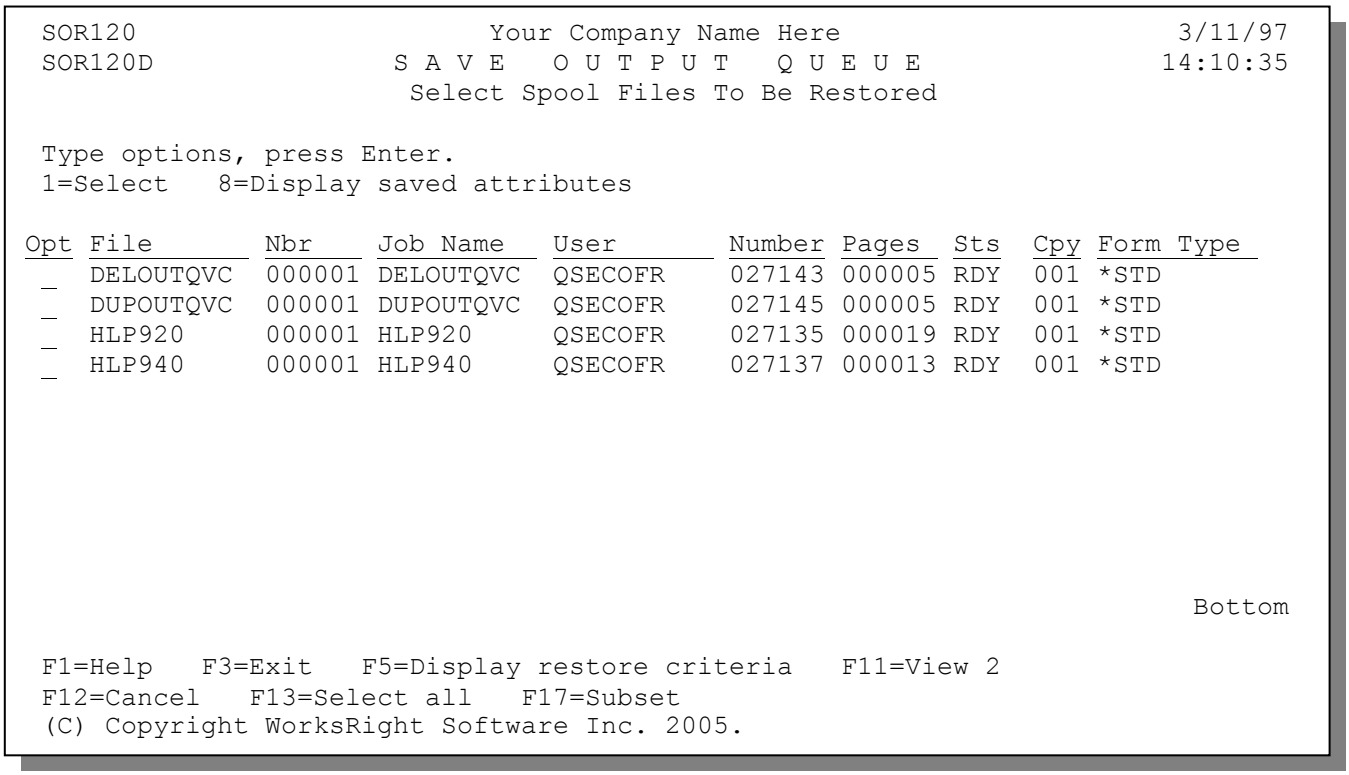
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

After specifying the restore criteria and pressing **ENTER**, the Select Spool Files To Be Restored screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Restored screen lists all spool files that met the restore criteria specified. This screen allows you to select specific spool files to be restored or have their attributes displayed.



```
 SOR120                        Your Company Name Here                        3/11/97
 SOR120D                  S A V E   O U T P U T   Q U E U E                  14:10:35
                           Select Spool Files To Be Restored

 Type options, press Enter.
 1=Select   8=Display saved attributes

Opt File        Nbr    Job Name   User        Number Pages  Sts  Cpy Form Type
 _  DELOUTQVC   000001 DELOUTQVC  QSECOFR     027143 000005 RDY  001 *STD
 _  DUPOUTQVC   000001 DUPOUTQVC  QSECOFR     027145 000005 RDY  001 *STD
 _  HLP920      000001 HLP920     QSECOFR     027135 000019 RDY  001 *STD
 _  HLP940      000001 HLP940     QSECOFR     027137 000013 RDY  001 *STD

                                                                      Bottom

 F1=Help   F3=Exit   F5=Display restore criteria   F11=View 2
 F12=Cancel   F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be restored or to have their attributes displayed. Valid values are "1" to select the spool file to be restored and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User - This field indicates the name of the user that created the spool file.

Number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **RSTOUTQ** command to be displayed.

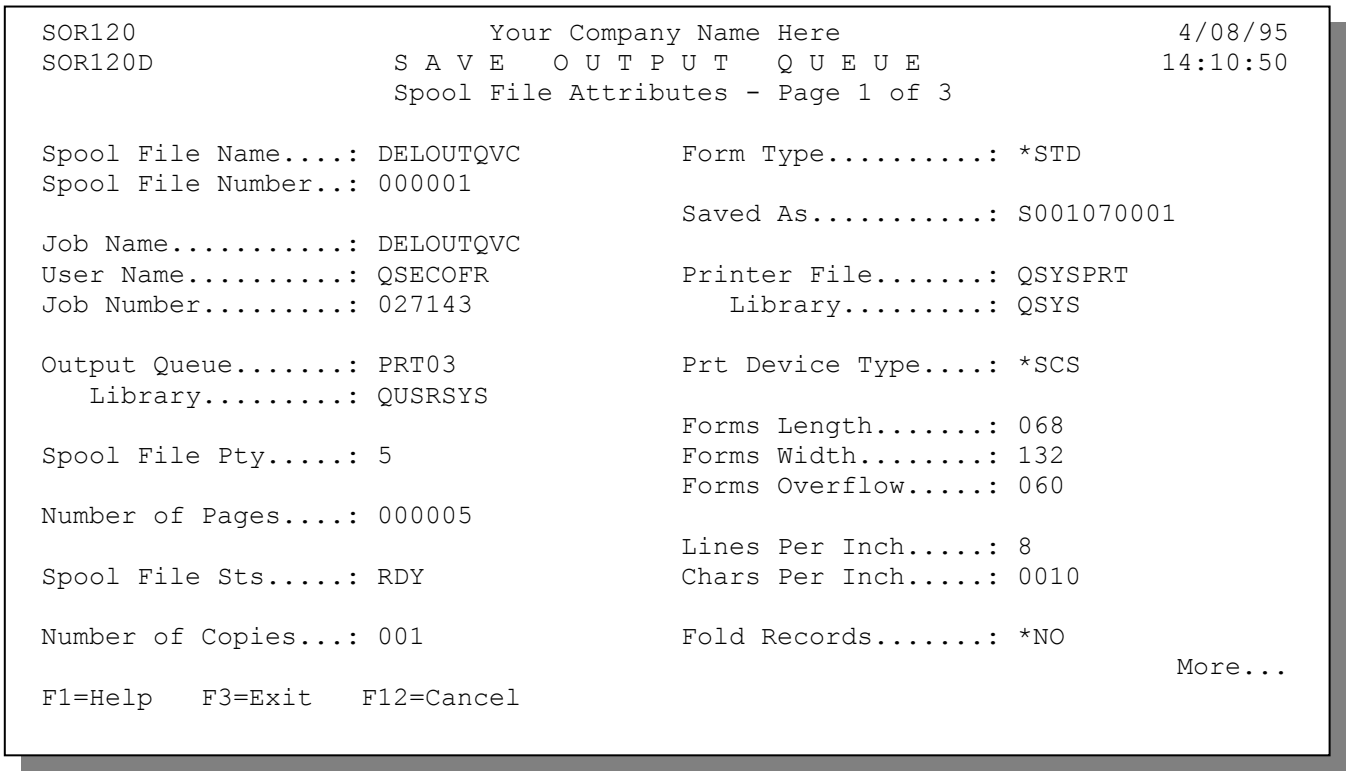
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Restored screen using option 8, the first of three Spool File Attributes screens can be accessed. This screen allows you to view the attributes for the spool file as they existed at the time the save function was performed. An example of the first Spool File Attributes screen is shown below.



Field Definitions

Spool file name - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User name - This field indicates the name of the user that created the spool file.

Job number - This field indicates the job number that created the spool file.

Output queue - This field indicates the name of the output queue that the spool file is located within. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file pty - This field indicates the scheduling priority of the spool file on the output queue. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Number of pages - This field indicates the number of pages contained within the spool file.

Spool file sts - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Number of copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Saved as - This field indicates the data file name generated and used by SOQ to save the spool file to the save device.

Printer file - This field indicates the name of the printer file used to create the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Prt device type - This field indicates the type of printer device on which the spool file was generated to print. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Forms length - This field indicates the length of the form on which the spool file was generated to print. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Forms width - This field indicates the width of the form on which the spool file was generated to print. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Forms overflow - This field indicates the line number specified as the overflow line number when the spool file was created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Lines per inch - This field indicates the lines per inch (vertical spacing) at which the spool file was generated to print. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Chars per inch - This field indicates the characters per inch (horizontal spacing) at which the spool file was generated to print. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Fold records - This field indicates whether or not characters intended to print beyond the width of the form will be printed at the beginning of the next line. This field is specified at the time the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

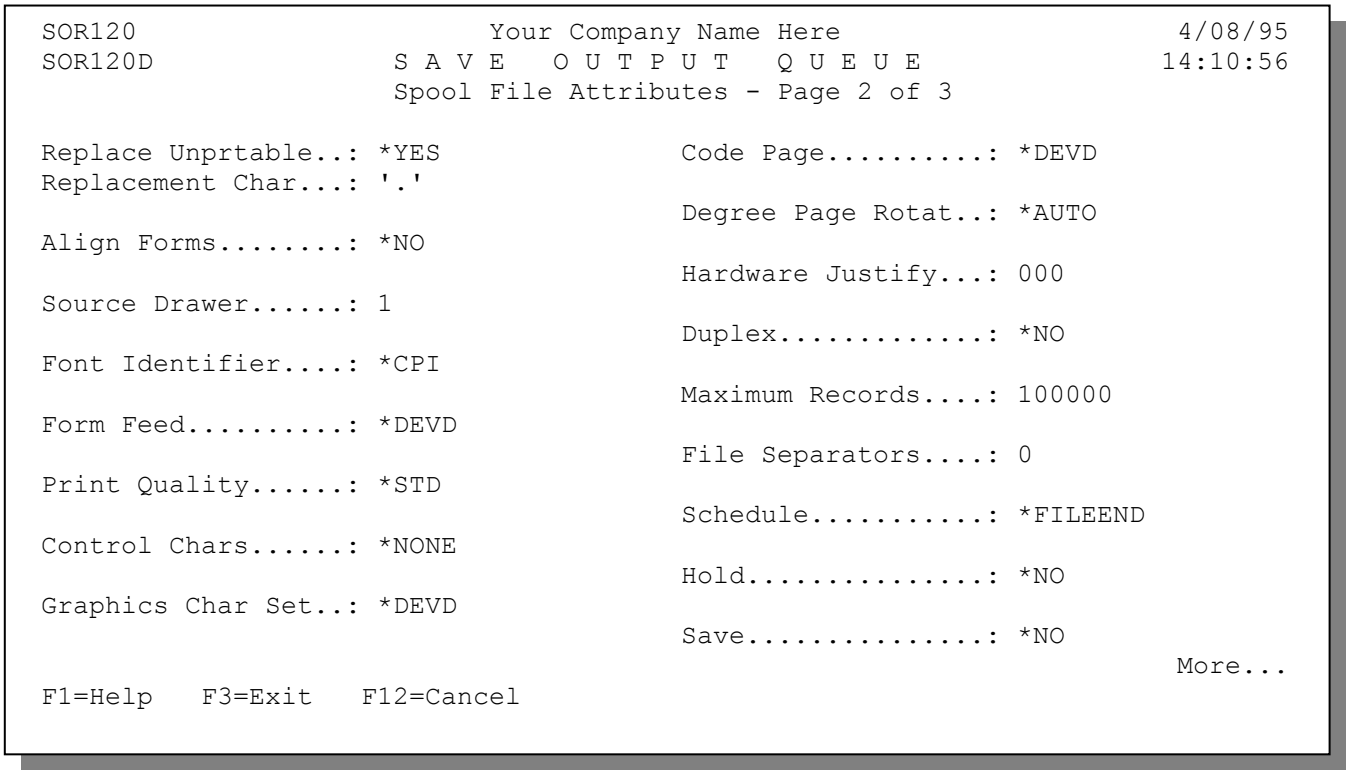
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the first Spool File Attributes screen, the second of three Spool File Attributes screens can be accessed. An example of the second Spool File Attributes screen is shown below.



Field Definitions

Replace unprtable - This field indicates whether or not unprintable characters will be replaced. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Replacement char - This field indicates the character that will be used to replace unprintable characters. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Align forms - This field indicates whether a page must be aligned in the printer before printing of the spool file is started. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Source drawer - This field indicates the drawer from which paper will be fed to the printer while printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Font identifier - This field indicates the font identifier to be used when printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Form feed - This field indicates the form feed attachment to be used when printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Print quality - This field indicates the quality of print to be produced when printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Control chars - This field indicates the type of control characters, if any, used by the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Graphics char set - This field in combination with the CODE PAGE field indicates the character identifier for the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Code page - This field in combination with the GRAPHICS CHARACTER SET field indicates the character identifier for the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Degree page rotat - This field indicates the degree of page rotation to be used when printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Hardware justify - This field indicates the type of justification, if any, to be used when printing the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Duplex - This field indicates whether the spool file is to be printed on one or two sides of the paper. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Maximum records - This field indicates the maximum number of records that can be contained within the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

File separators - This field indicates the number of file separators to be printed ahead of each copy of the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Schedule - This field indicates when the spool file is available to a spooling writer. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Hold - This field indicates whether or not the spool file was held on the output queue at the time it was created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Save - This field indicates whether or not the spool file is to be saved after it has been printed. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

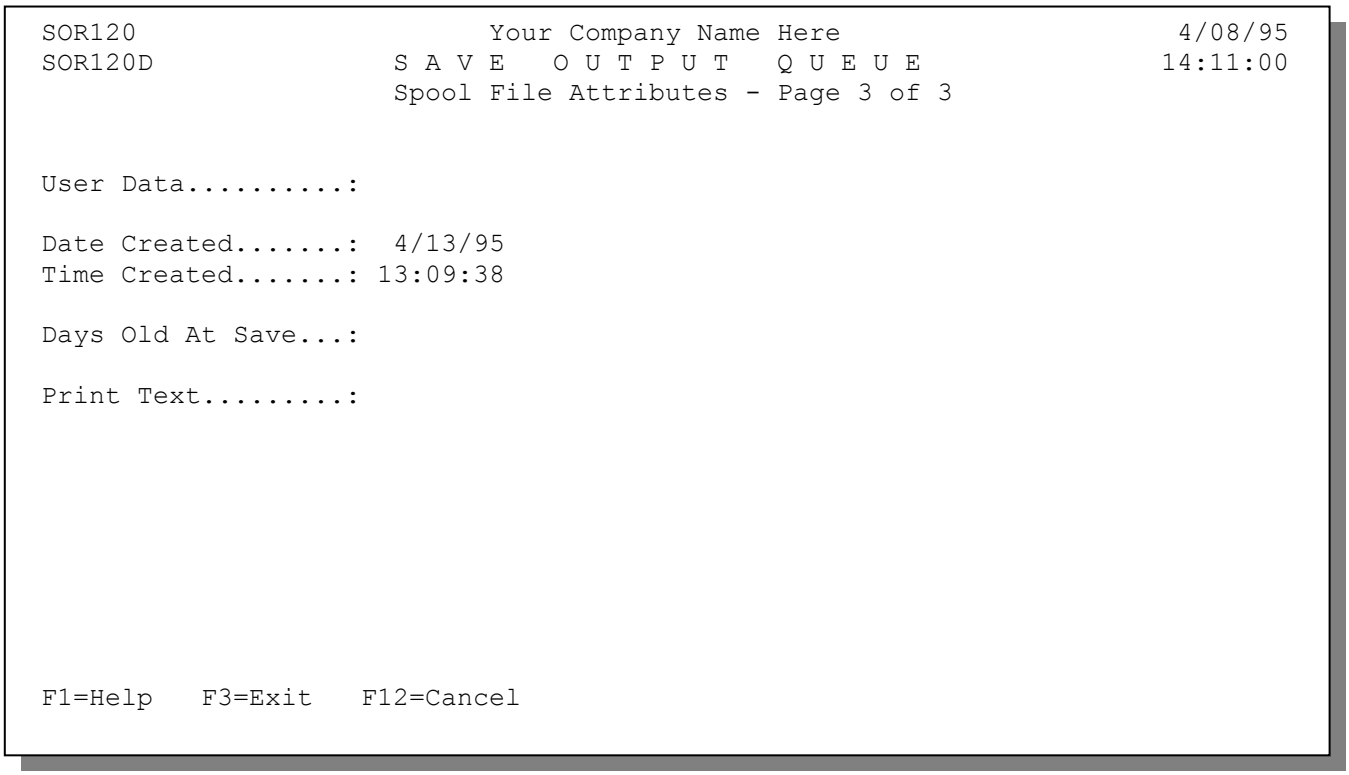
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the second Spool File Attributes screen, the third of three Spool File Attributes screens can be accessed. An example of the third Spool File Attributes screen is shown below.



Field Definitions

User data - This field indicates some user-specified data that identifies the spool file. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Date created - This field indicates the date that the spool file was created. The date is displayed in your system's date format.

Time created - This field indicates the time of day that the spool file was created. The time is displayed in the HH:MM:SS format.

Days old at save - This field indicates the age of the spool file at the time it was saved. The age is displayed as a specific number of days.

Print text - This field indicates the text to be printed at the bottom of each page. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

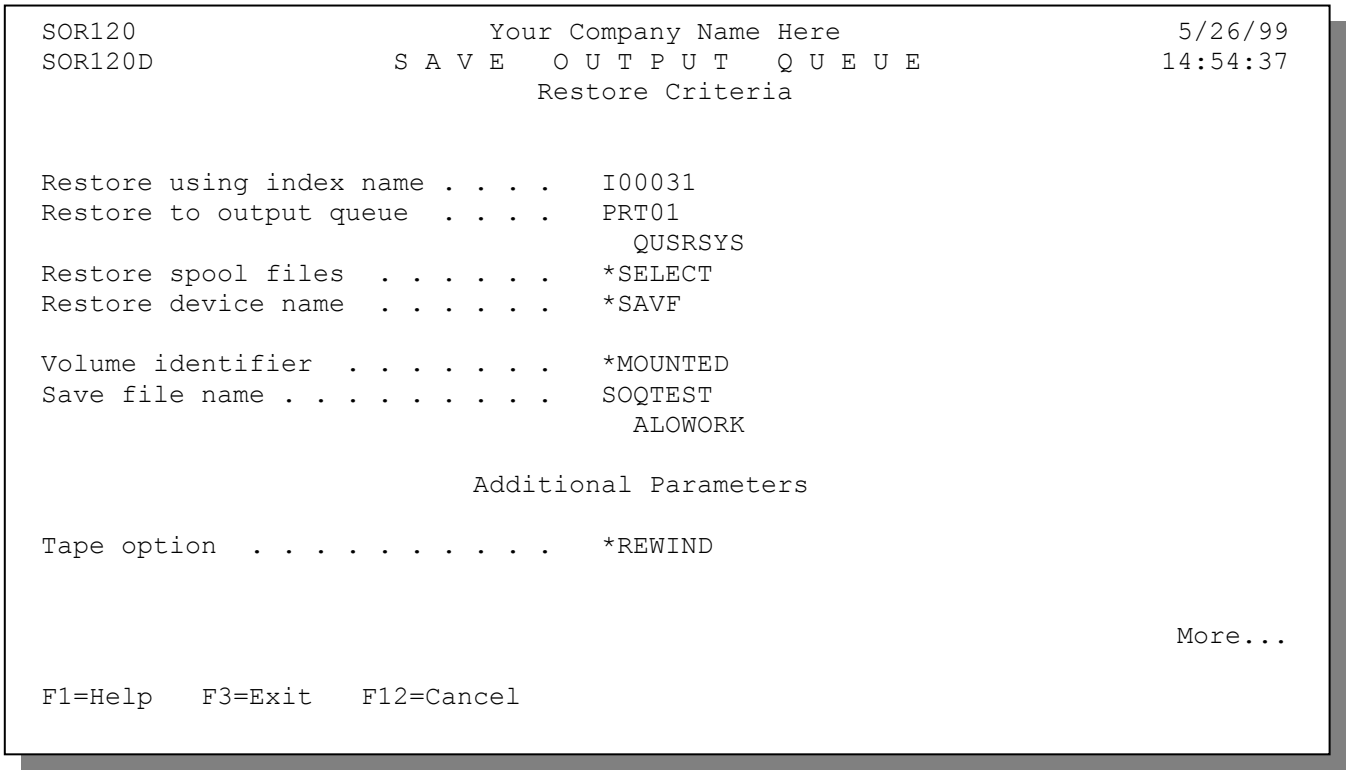
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing **F5** while on the Select Spool Files To Be Restored screen, the first of four Restore Criteria screens can be accessed. These screens allow you to review the restore criteria previously specified. An example of the first Restore Criteria screen is shown below.



Field Definitions

Restore using index name - This parameter indicates the name of the working index generated by SOQ when the Save output queue (**SAVOUTQ**) command was executed. Index names always begin with the character "I" followed by a five-digit number ranging from 00001 through 99999.

Restore to output queue - This parameter determines the output queue that will contain the restored spool files.

Restore spool files - This parameter determines whether SOQ will restore all spool files that meet the criteria specified, allow you to select specific spool files to restore from a list of spool files that meet the criteria specified, or restore no spool files and only reproduce the Spool Files Archived report.

Restore device name - This parameter determines the device that will be used while restoring the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this restore request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the restore request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this restore request. This parameter is used only if a *restore device name* of *SAVF is specified.

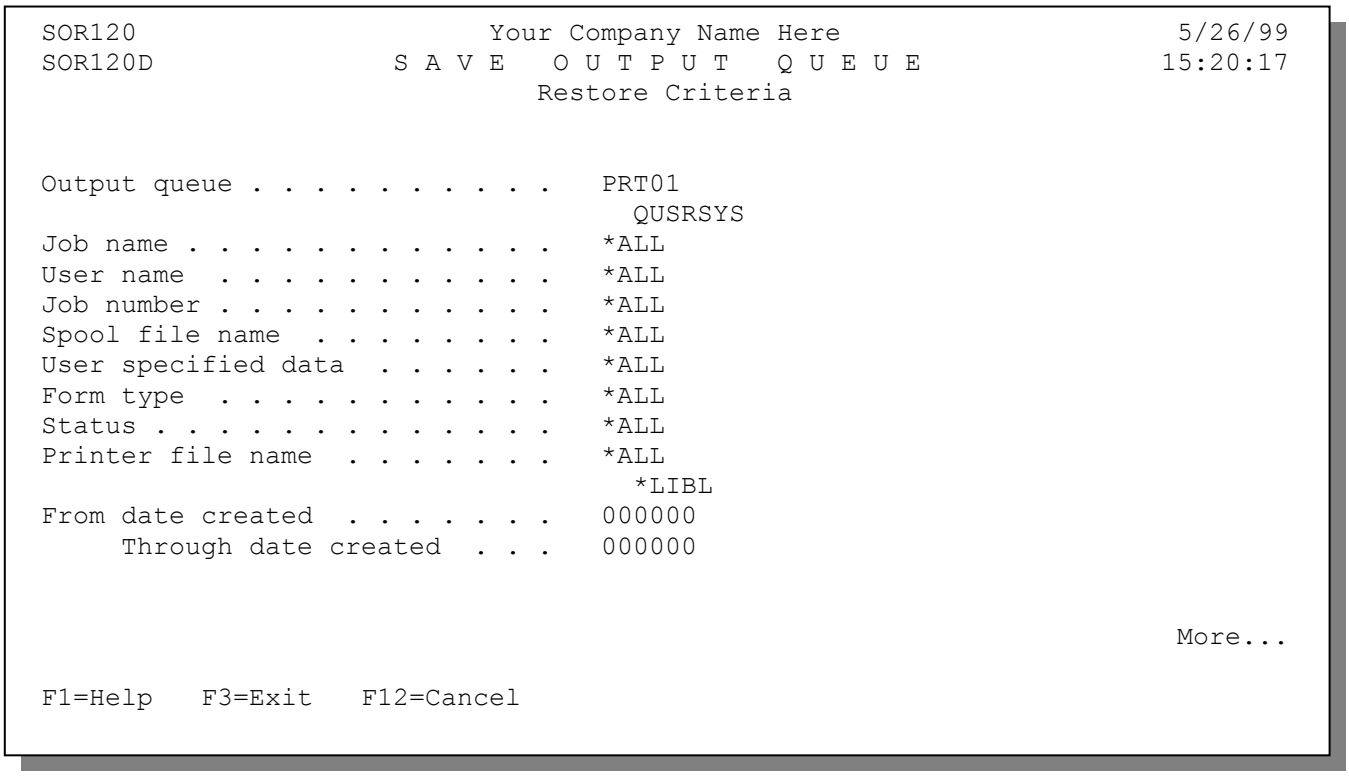
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing roll up while on the first Restore Criteria screen, the second of four Restore Criteria screens can be accessed. These screens allow you to review the restore criteria previously specified. An example of the second Restore Criteria screen is shown below.



Field Definitions

Output queue - This parameter indicates the output queue from which the spool files to be restored were saved.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this restore request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this restore request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this restore request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this restore request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this restore request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this restore request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this restore request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this restore request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this restore request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this restore request were created.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing roll up while on the second Restore Criteria screen, the third of four Restore Criteria screens can be accessed. These screens allow you to review the restore criteria previously specified. An example of the third Restore Criteria screen is shown below.

```
SOR120                      Your Company Name Here                    5/26/99
SOR120D               S A V E   O U T P U T   Q U E U E              15:49:37
                               Restore Criteria


From days old  . . . . . . . . .     000
     Through days old  . . . . .     000
Exclude output queue name  . . .   *NONE
                                     *LIBL
Exclude job name . . . . . . . .   *NONE
Exclude user name  . . . . . . .   *NONE
Exclude job number . . . . . . .   *NONE
Exclude spool file name  . . . .   *NONE
Exclude user specified data  . .   *NONE
Exclude form type  . . . . . . .   *NONE
Exclude status . . . . . . . . .   *NONE
Exclude printer file name  . . .   *NONE
                                     *LIBL


                                                                    More...

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

Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this restore request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this restore request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from the restore process.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the restore process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the restore process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the restore process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the restore process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the restore process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the restore process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the restore process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the restore process.

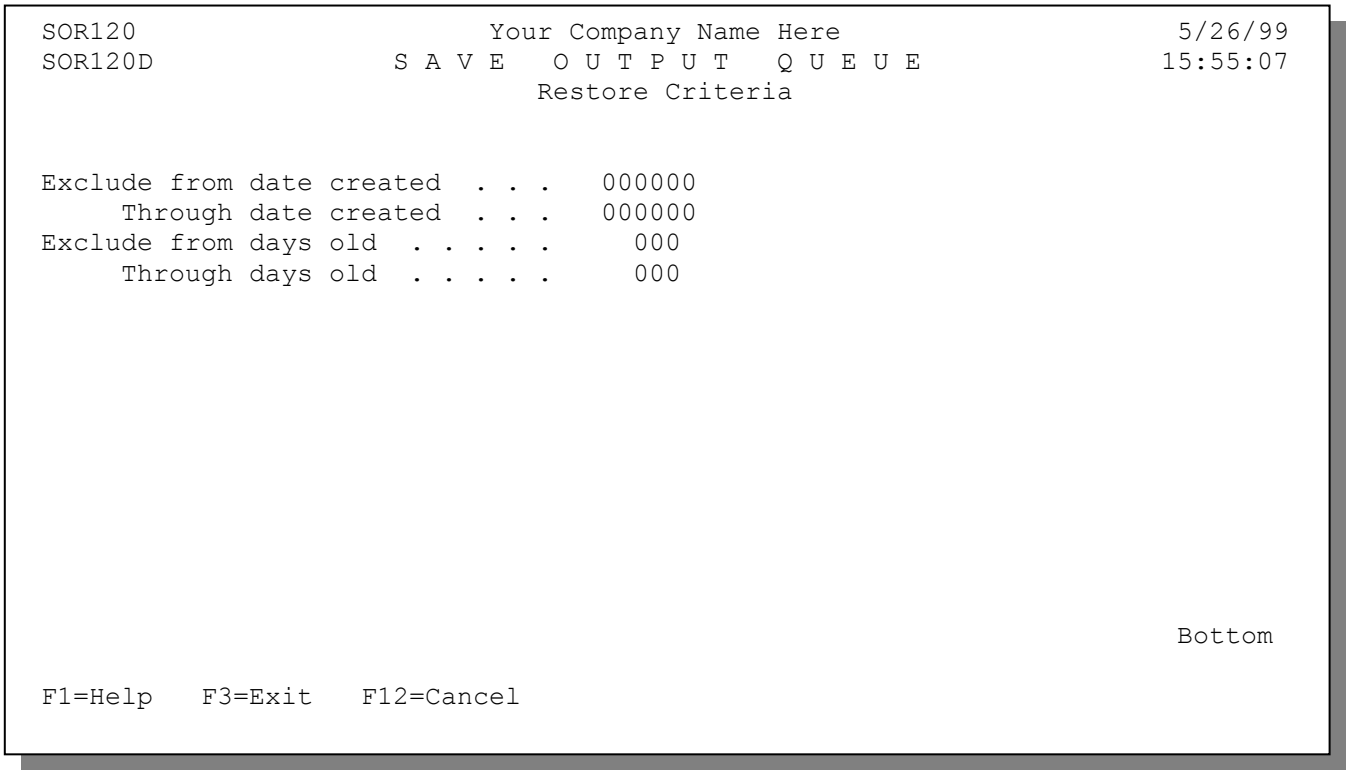
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing roll up while on the third Restore Criteria screen, the fourth of four Restore Criteria screens can be accessed. These screens allow you to review the restore criteria previously specified. An example of the fourth Restore Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the restore process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the restore process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the restore process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the restore process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each restore function performed using option 04 from the SOQ Archival Menu will produce a Spool Files Restored report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Restored reports. This report will indicate which spool files, if any, were not restored and why they were not restored. This report may also be useful for determining the specific output queue to which a spool file was restored. An example of the Spool Files Restored report is shown below.

```
         RUN DATE: 05/11/02                        Your Company Name Here                                  PAGE:    1
         RUN TIME: 15:23:50                  S A V E   O U T P U T   Q U E U E                           PGM: SOR130K
                                                   SPOOL FILES RESTORED

         JOB NAME.....: DSP01                                              DEVICE TYPE.......: *TAPE
         USER NAME....: QSECOFR                                            VOLUME ID.........: TAP001
         JOB NUMBER...: 019854                                             SAVE INDEX NAME...: I00035

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR120D    000284 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOMAXOLH   000001 SOMAXOLH   QSECOFR    002041      5 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOQHST06   000001 SOQHST06   QSECOFR    002039      3 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR225     000001 SOR225     QSECOFR    002046     11 REPORT1                QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT


 ***         10 SPOOL FILES RESTORED.
```

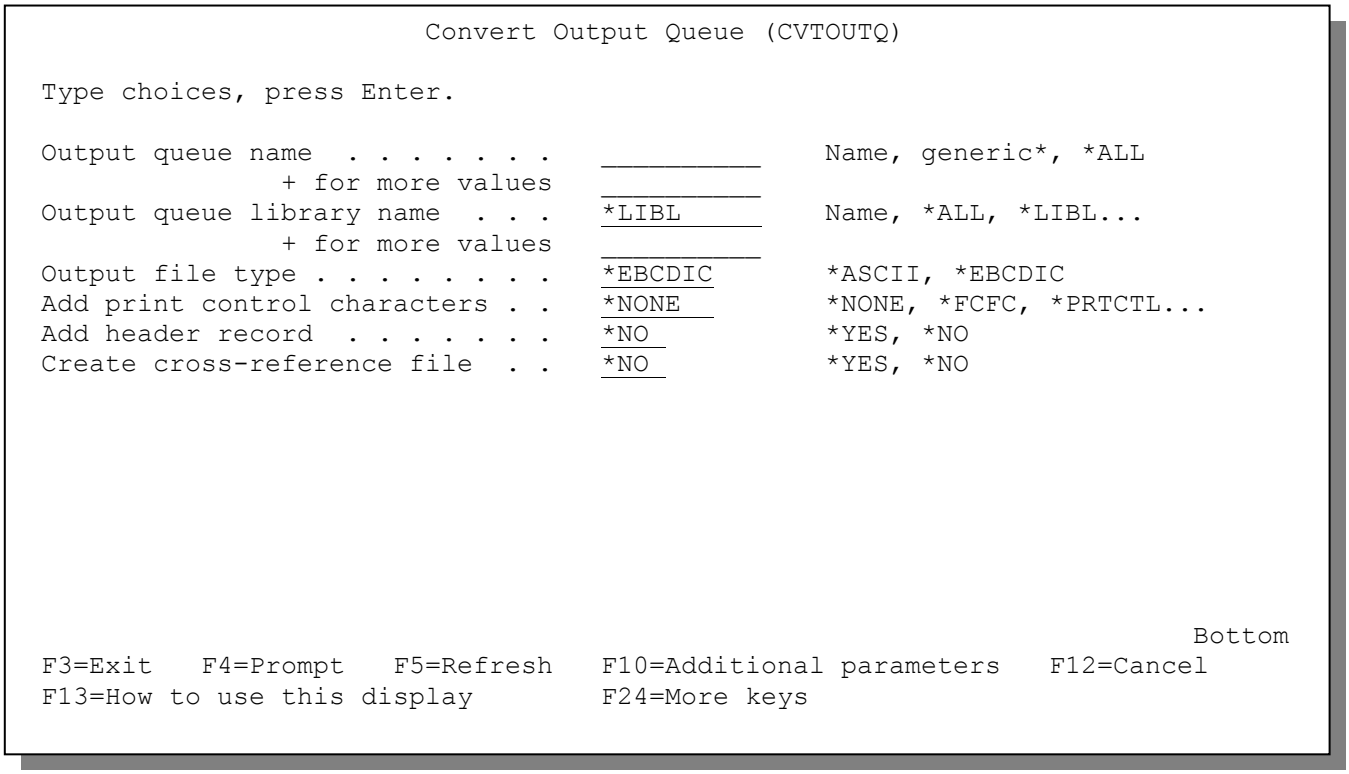
The sample report shown above was produced by SOQ using print format 1.

```
         RUN DATE: 05/11/02                        Your Company Name Here                                  PAGE:    1
         RUN TIME: 15:30:55                  S A V E   O U T P U T   Q U E U E                           PGM: SOR130K
                                                   SPOOL FILES RESTORED

         JOB NAME.....: DSP01                                              DEVICE TYPE.......: *TAPE
         USER NAME....: QSECOFR                                            VOLUME ID.........: TAP001
         JOB NUMBER...: 019854                                             SAVE INDEX NAME...: I00036

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000003 BACKUP     QSYSOPR    016892 *STD        9/06/99 23:02:56 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030D    000281 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:53 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR120K    000286 DSP01      QSECOFR    004307 *STD        4/19/99 15:59:00 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000060 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:54 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000064 DSP01      QSECOFR    019854 *STD       10/11/99 15:24:05 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT
SOR010D    000001 SOR010D    QSECOFR    002034 REPORT1     3/29/99 19:26:33 QPRINT     QUSRSYS    RESTORED - QUSRSYS   /QPRINT


 ***         12 SPOOL FILES RESTORED.
```

The sample report shown above was produced by SOQ using print format 2.

CONVERT SPOOL FILES

To convert all spool files meeting criteria that can be specified on the **CVTOUTQ** command, select option 05 from the SOQ Archival Menu. After selecting option 05, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be converted. If *ALL is specified as the output queue from which spool files are to be converted, spool files will be converted from all output queues.



Field Definitions

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data files should be placed. This parameter is only displayed and used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data files should be placed. This parameter is only displayed and used if *ASCII is specified on the *Output file type* parameter.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **CVTOUTQ** prompt screen, the extended **CVTOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be converted. The first of these three screens is shown below.

```
                        Convert Output Queue (CVTOUTQ)

Type choices, press Enter.

Output queue name  . . . . . .   __________     Name, generic*, *ALL
               + for more values __________
Output queue library name  . . .  *LIBL         Name, *ALL, *LIBL...
               + for more values __________
Output file type . . . . . .     *EBCDIC       *ASCII, *EBCDIC
Add print control characters . .  *NONE        *NONE, *FCFC, *PRTCTL...
Add header record  . . . . . .   *NO           *YES, *NO
Create cross-reference file  . .  *NO           *YES, *NO
Library for output files . . . .  __________   Character value

                            Additional Parameters

Job name . . . . . .             *ALL          Name, generic*, *ALL
User name  . . . . . .           *ALL          Name, generic*, *ALL
Job number . . . . . .           *ALL          Character value
Spool file name  . . . . . .     *ALL          Name, generic*, *ALL
                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data files should be placed. This parameter is only displayed and used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data files should be placed. This parameter is only displayed and used if *ASCII is specified on the *Output file type* parameter.

Job name - This field indicates the name of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all jobs are converted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be converted. If *ALL is specified, spool files created by all users are converted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all job numbers are converted. Valid values are any valid job number and the special value *ALL.

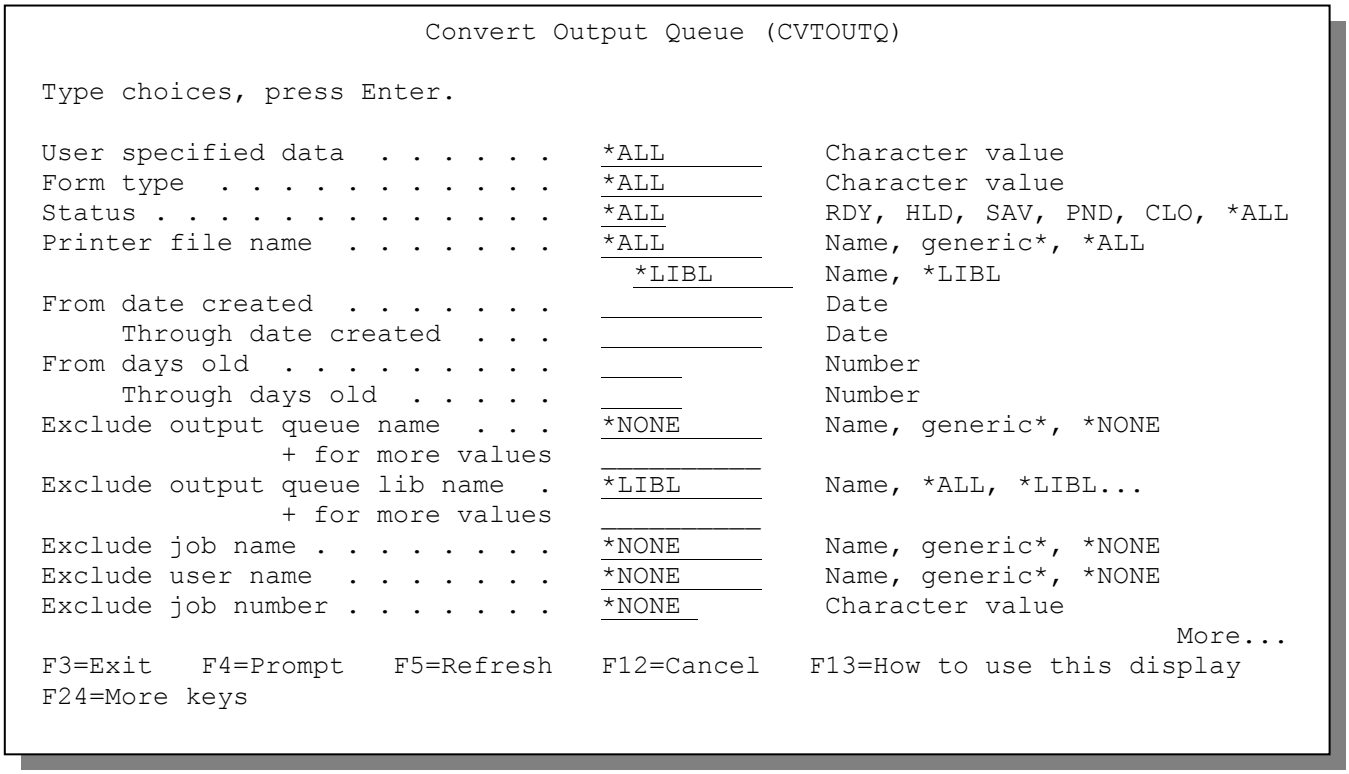
Spool file name - This field indicates the name shared by all spool files that are to be converted. If *ALL is specified, spool files of any name are converted. Valid values are any valid spool file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **CVTOUTQ** prompt screen, the second extended **CVTOUTQ** prompt screen can be accessed. An example of the second extended **CVTOUTQ** prompt screen is shown below.



Field Definitions

User specified data - This field indicates the user data assigned to all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be converted. If *ALL is specified, spool files created by all printer files are converted. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the conversion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the conversion process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

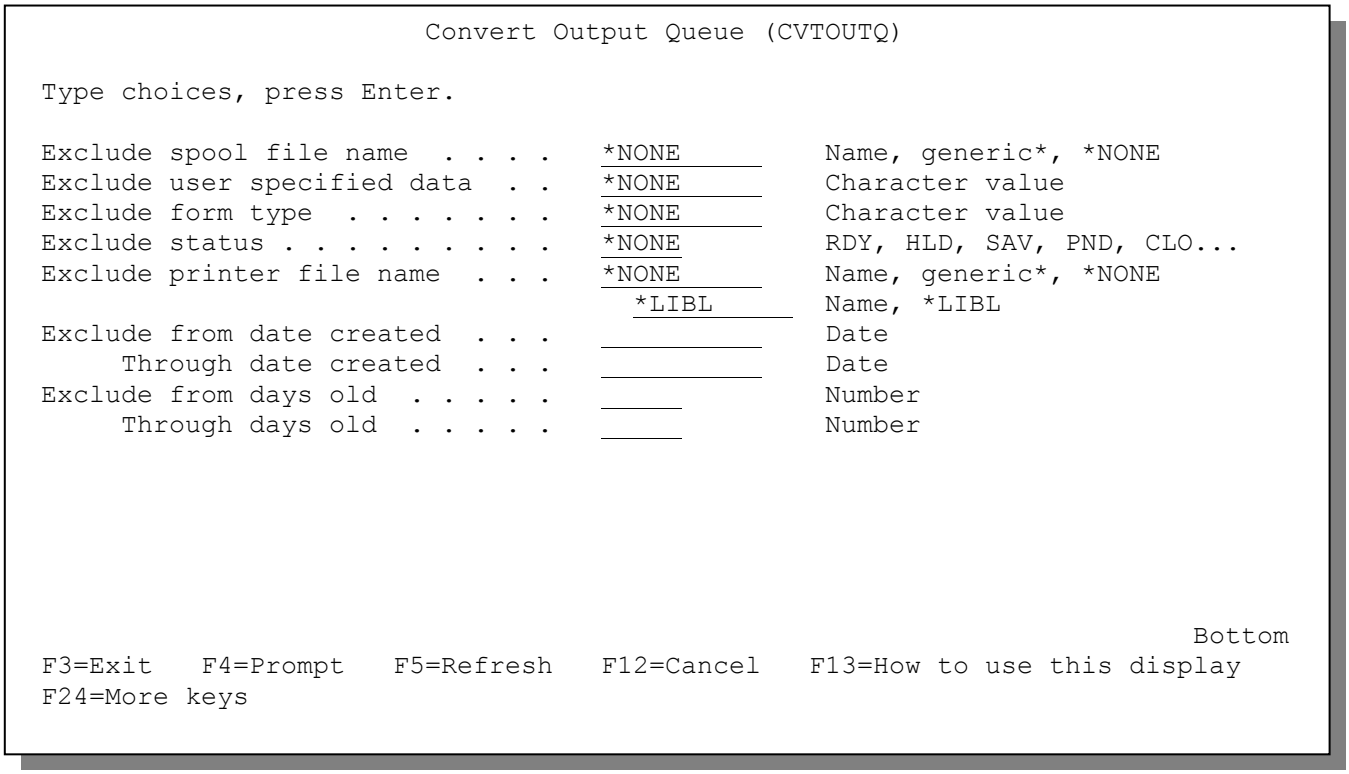
Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **CVTOUTQ** prompt screen, the third extended **CVTOUTQ** prompt screen can be accessed. An example of the third extended **CVTOUTQ** prompt screen is shown below.



Field Definitions

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the conversion process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each conversion function performed using option 05 from the SOQ Archival Menu will produce a Spool Files Converted report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Converted reports. This report will indicate which spool files, if any, were not converted and why they were not converted. An example of the Spool Files Converted report is shown below.

```
          RUN DATE:  9/08/00                        Your Company Name Here                                PAGE:    1
          RUN TIME: 14:40:02                  S A V E   O U T P U T   Q U E U E                         PGM: SOR430
                                                    SPOOL FILES CONVERTED

JOB NAME.....: HPPC         OUTPUT TYPE.....: *EBCDIC   CONTROL CHARACTERS..: *NONE
USER NAME....: MIKE         HEADER RECORDS..: *NO       CROSS REFERENCE FILE: *NONE
JOB NUMBER...: 052866       OUTPUT LIBRARY..: RMSLIB

 SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
 FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
 ---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

 SOR120     000012 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540001
 SOR120     000024 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540002
 SOR120     000042 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540003
 SOR120     000043 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540004
 SOR120     000078 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540005
 SOR120     000079 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540006
 SOR120     000080 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540007
 SOR120     000081 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540008
 SOR120D    000015 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540009
 SOR120D    000026 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000A
 SOR120D    000045 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000B
 SOR120D    000047 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000C
 SOR120D    000083 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000D


***         13  SPOOL FILES CONVERTED.
```

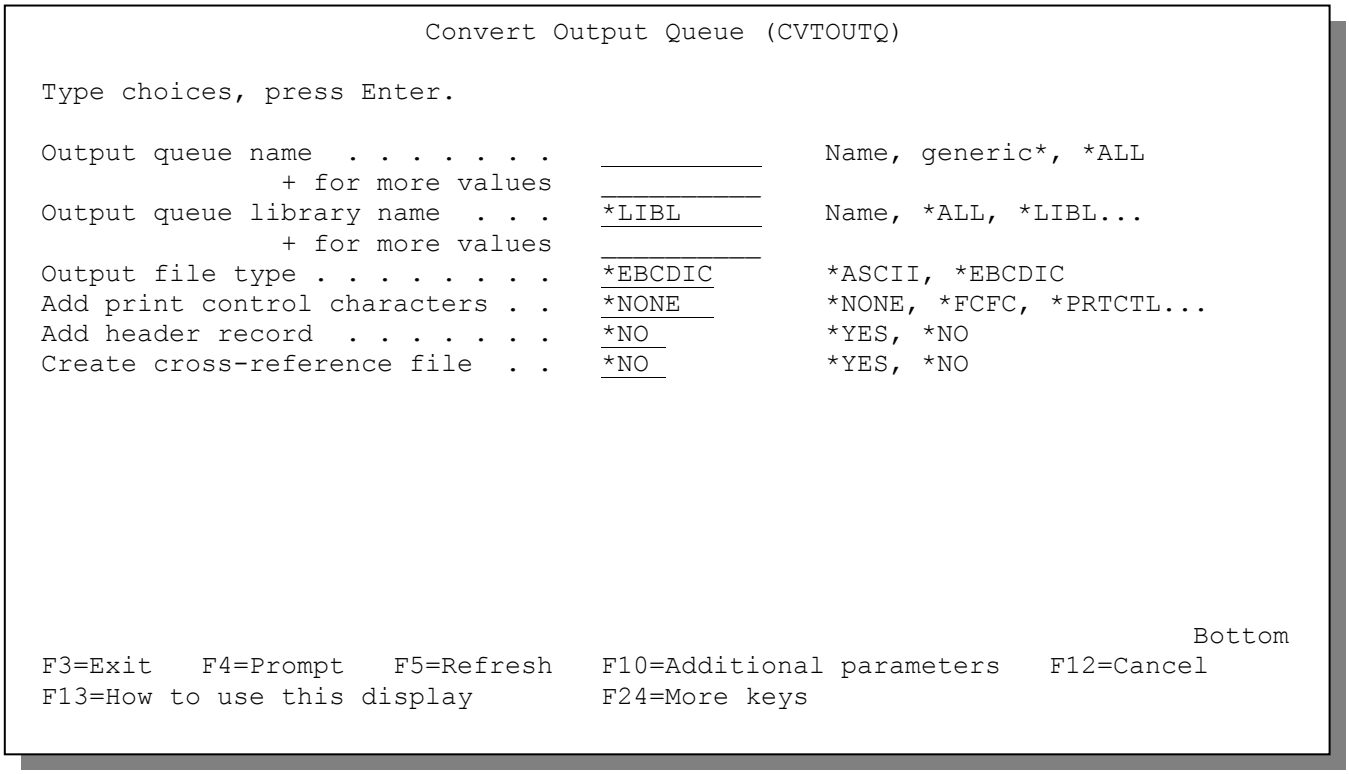
The sample report shown above was produced by SOQ using print format 1.

```
          RUN DATE:  9/11/00                        Your Company Name Here                                PAGE:    1
          RUN TIME:  9:02:55                  S A V E   O U T P U T   Q U E U E                         PGM: SOR430
                                                    SPOOL FILES CONVERTED

JOB NAME.....: IBMPC        OUTPUT TYPE.....: *ASCII    CONTROL CHARACTERS..: *NONE
USER NAME....: QSECOFR      HEADER RECORDS..: *NO       CROSS REFERENCE FILE: *NONE
JOB NUMBER...: 053024       OUTPUT DIRECTORY: /home/mike

 SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
 FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
 ---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

 SOR120     000012 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:14 QPRINT     QGPL       CONVERTED: S000600001.TXT
 SOR120     000024 QPRTJOB    QSECOFR    018686 *STD        6/02/00 11:42:16 QPRINT     QGPL       CONVERTED: S000600002.TXT
 SOR120     000042 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:27 QPRINT     QGPL       CONVERTED: S000600003.TXT
 SOR120     000043 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:31 QPRINT     QGPL       CONVERTED: S000600004.TXT
 SOR120     000078 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:02 QPRINT     QGPL       CONVERTED: S000600005.TXT
 SOR120     000079 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:05 QPRINT     QGPL       CONVERTED: S000600006.TXT
 SOR120     000080 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:08 QPRINT     QGPL       CONVERTED: S000600007.TXT
 SOR120     000081 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:10 QPRINT     QGPL       CONVERTED: S000600008.TXT
 SOR120D    000015 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:21 QPRINT     QGPL       CONVERTED: S000600009.TXT
 SOR120D    000026 QPRTJOB    QSECOFR    018686 *STD        6/02/00 11:42:20 QPRINT     QGPL       CONVERTED: S00060000A.TXT
 SOR120D    000045 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:38 QPRINT     QGPL       CONVERTED: S00060000B.TXT
 SOR120D    000047 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:46 QPRINT     QGPL       CONVERTED: S00060000C.TXT
 SOR120D    000083 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:16 QPRINT     QGPL       CONVERTED: S00060000D.TXT


***         13  SPOOL FILES CONVERTED.
```

The sample report shown above was produced by SOQ using print format 2.

CONVERT SELECTED SPOOL FILES

To convert selected spool files meeting criteria that can be specified on the **CVTOUTQ** command, select option 06 from the SOQ Archival Menu. After selecting option 06, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be converted. If *ALL is specified as the output queue from which spool files are to be converted, spool files will be converted from all output queues.



Field Definitions

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data files should be placed. This parameter is only displayed and used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data files should be placed. This parameter is only displayed and used if *ASCII is specified on the *Output file type* parameter.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **CVTOUTQ** prompt screen, the extended **CVTOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be converted. The first of these three screens is shown below.

```
                        Convert Output Queue (CVTOUTQ)

Type choices, press Enter.

Output queue name  . . . . . .   __________    Name, generic*, *ALL
               + for more values __________
Output queue library name  . . .  *LIBL       Name, *ALL, *LIBL...
               + for more values __________
Output file type . . . . . .     *EBCDIC      *ASCII, *EBCDIC
Add print control characters . .  *NONE       *NONE, *FCFC, *PRTCTL...
Add header record  . . . . . .   *NO         *YES, *NO
Create cross-reference file  . .  *NO         *YES, *NO
Library for output files . . . .  __________  Character value

                            Additional Parameters

Job name . . . . . .             *ALL         Name, generic*, *ALL
User name  . . . . . .           *ALL         Name, generic*, *ALL
Job number . . . . . .           *ALL         Character value
Spool file name  . . . . . .     *ALL         Name, generic*, *ALL
                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Job name - This field indicates the name of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all jobs are converted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be converted. If *ALL is specified, spool files created by all users are converted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all job numbers are converted. Valid values are any valid job number and the special value *ALL.

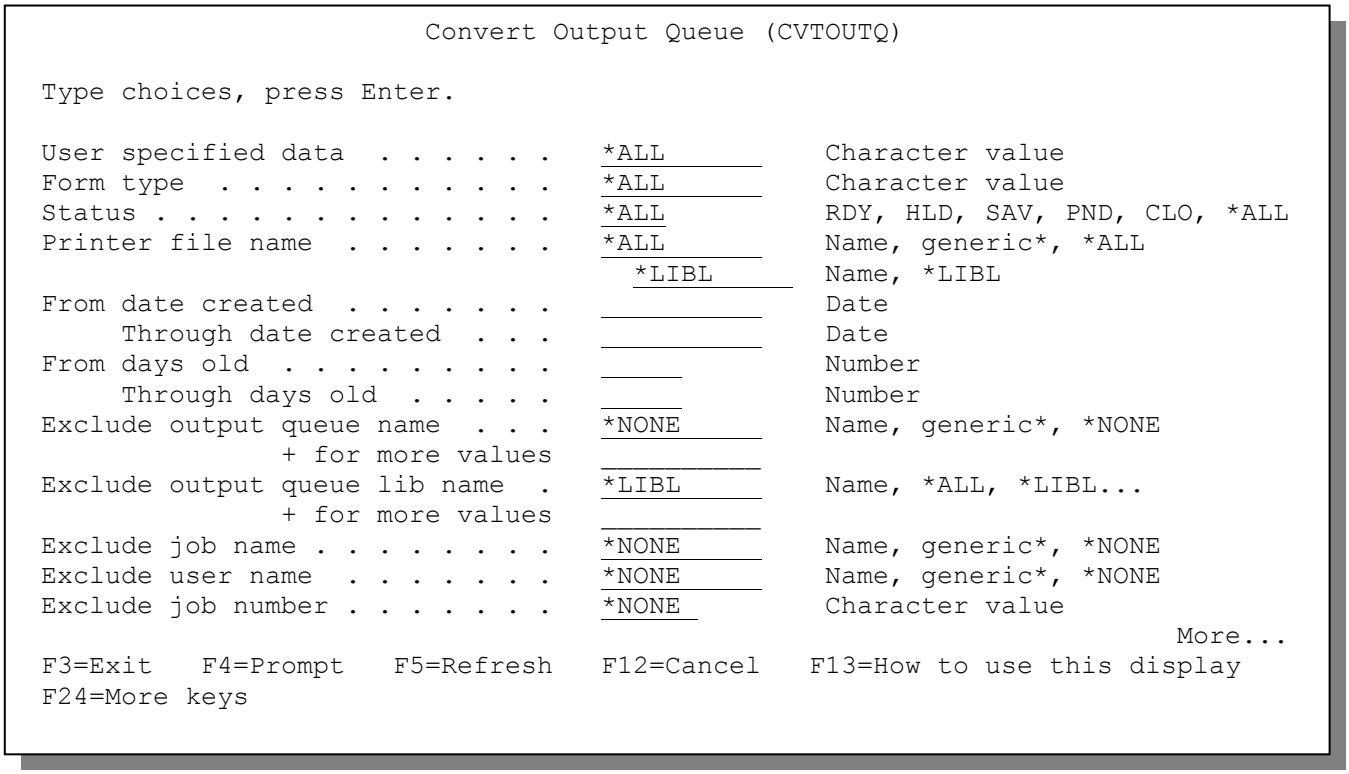
Spool file name - This field indicates the name shared by all spool files that are to be converted. If *ALL is specified, spool files of any name are converted. Valid values are any valid spool file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **CVTOUTQ** prompt screen, the second extended **CVTOUTQ** prompt screen can be accessed. An example of the second extended **CVTOUTQ** prompt screen is shown below.



```
                        Convert Output Queue (CVTOUTQ)

Type choices, press Enter.

User specified data  . . . . . .   *ALL          Character value
Form type  . . . . . . . . . . .   *ALL          Character value
Status . . . . . . . . . . . . .   *ALL          RDY, HLD, SAV, PND, CLO, *ALL
Printer file name  . . . . . . .   *ALL          Name, generic*, *ALL
                                     *LIBL       Name, *LIBL
From date created  . . . . . . .   ___________  Date
     Through date created  . . .   ___________  Date
From days old  . . . . . . . . .   _____        Number
     Through days old  . . . . .   _____        Number
Exclude output queue name  . . .   *NONE         Name, generic*, *NONE
               + for more values   ___________
Exclude output queue lib name  .   *LIBL         Name, *ALL, *LIBL...
               + for more values   ___________
Exclude job name . . . . . . . .   *NONE         Name, generic*, *NONE
Exclude user name  . . . . . . .   *NONE         Name, generic*, *NONE
Exclude job number . . . . . . .   *NONE         Character value
                                                                    More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

User specified data - This field indicates the user data assigned to all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be converted. If *ALL is specified, spool files created by all printer files are converted. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the conversion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the conversion process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

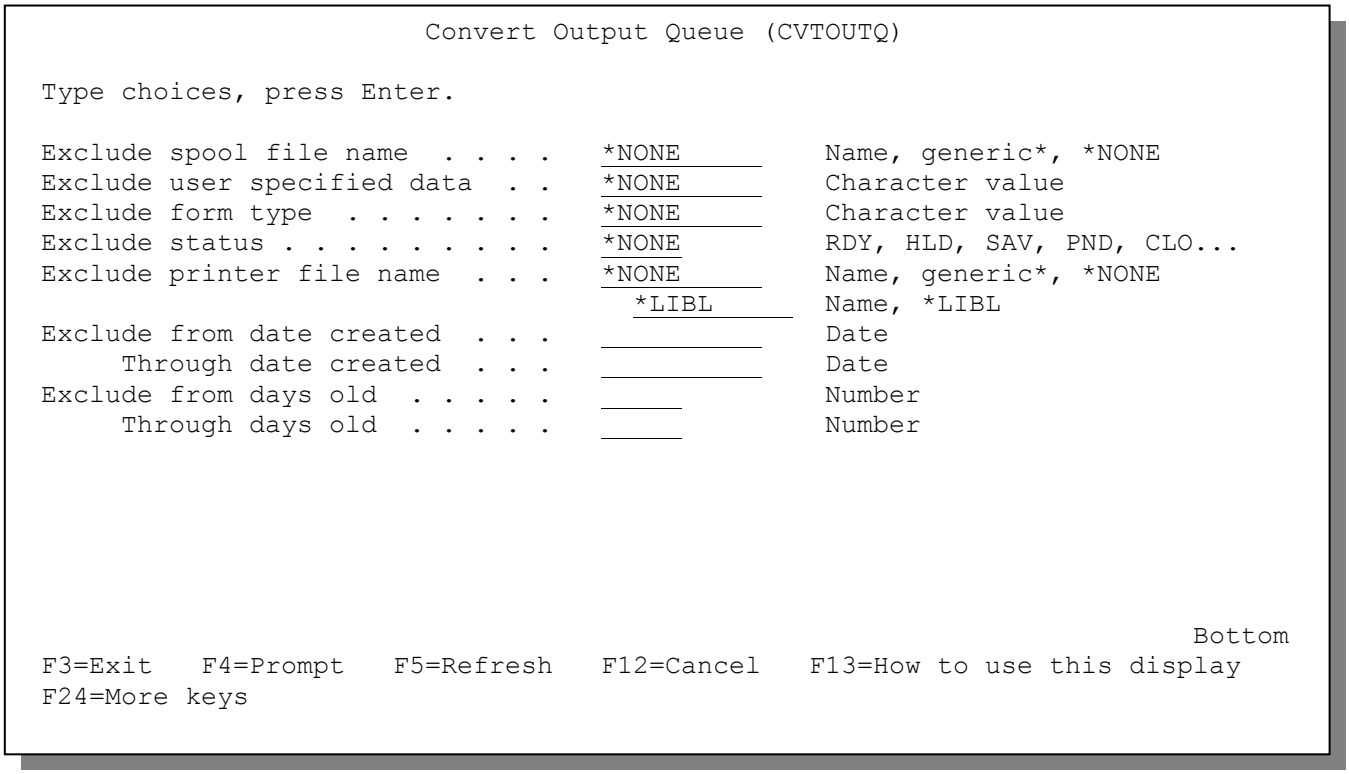
Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **CVTOUTQ** prompt screen, the third extended **CVTOUTQ** prompt screen can be accessed. An example of the third extended **CVTOUTQ** prompt screen is shown below.



Field Definitions

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the conversion process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **CVTOUTQ** prompt screen, the Select Spool Files To Be Converted screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Converted screen lists all spool files that met the criteria specified on the **CVTOUTQ** prompt screens. This screen allows you to select specific spool files to be converted, displayed, or have their attributes displayed.

```
 SOR420                        Your Company Name Here                        9/11/00
 SOR420D                  S A V E   O U T P U T   Q U E U E                  09:35:15
                          Select Spool Files To Be Converted

 Type options, press Enter.
 1=Select   5=Display spool file   8=Display attributes

Opt  File        Nbr     Job Name    User        Number  Pages   Sts   Cpy  Form Type
 _   SOR120      000012  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000024  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000042  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000043  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000078  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000079  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000080  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120      000081  QPRTJOB     QSECOFR     018686  000044  RDY   001  *STD
 _   SOR120D     000015  QPRTJOB     QSECOFR     018686  000030  RDY   001  *STD
 _   SOR120D     000026  QPRTJOB     QSECOFR     018686  000030  RDY   001  *STD
 _   SOR120D     000045  QPRTJOB     QSECOFR     018686  000030  RDY   001  *STD
                                                                          More...

 F1=Help   F3=Exit   F5=Display convert criteria   F11=View 2
 F12=Cancel   F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be converted, displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be converted, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User - This field indicates the name of the user that created the spool file.

Number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **CVTOUTQ** command to be displayed.

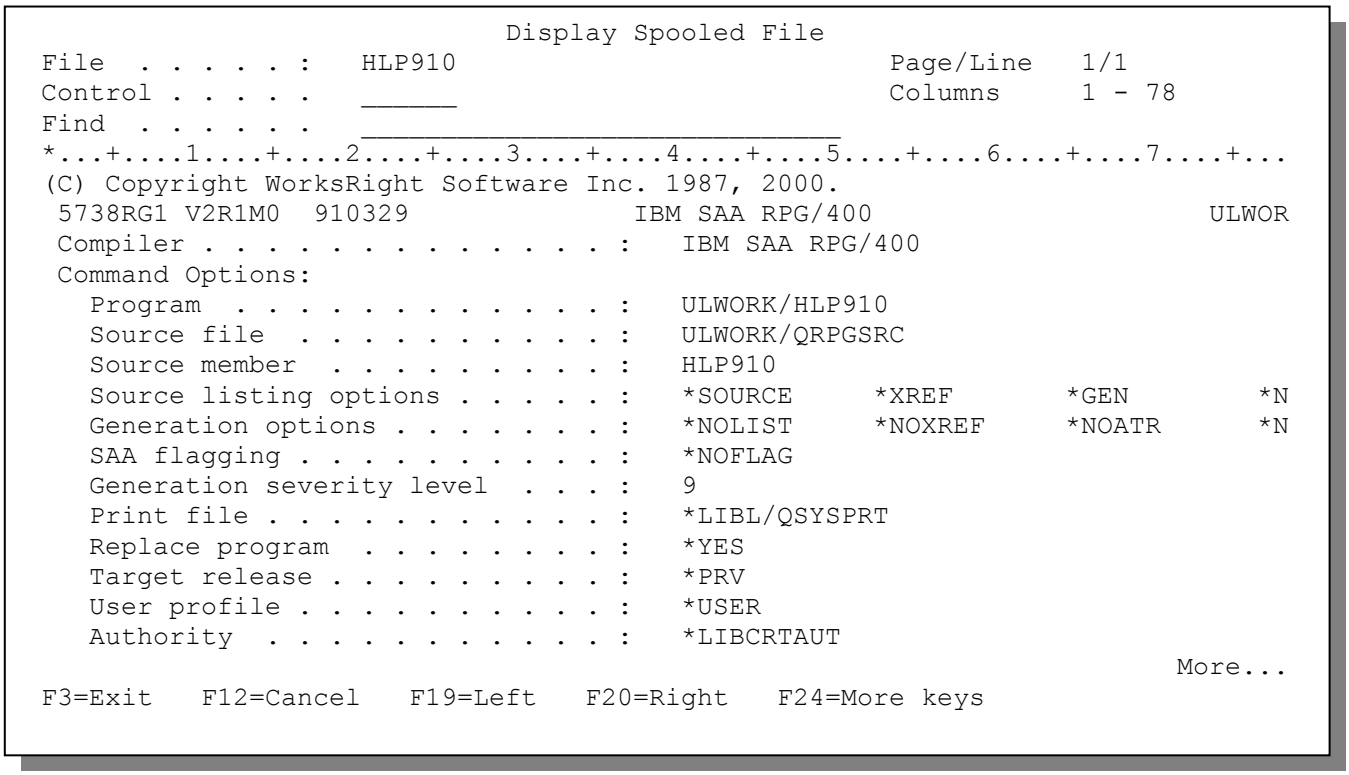
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Converted screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



```
                              Display Spooled File
File  . . . . . :   HLP910                          Page/Line   1/1
Control . . . . .   ______                          Columns     1 - 78
Find  . . . . . .   ____________________________
*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+...
(C) Copyright WorksRight Software Inc. 1987, 2000.
 5738RG1 V2R1M0  910329              IBM SAA RPG/400                     ULWOR
 Compiler . . . . . . . . . . . . . :   IBM SAA RPG/400
 Command Options:
   Program  . . . . . . . . . . . . :   ULWORK/HLP910
   Source file  . . . . . . . . . . :   ULWORK/QRPGSRC
   Source member  . . . . . . . . . :   HLP910
   Source listing options . . . . . :   *SOURCE     *XREF       *GEN        *N
   Generation options . . . . . . . :   *NOLIST     *NOXREF     *NOATR      *N
   SAA flagging . . . . . . . . . . :   *NOFLAG
   Generation severity level  . . . :   9
   Print file . . . . . . . . . . . :   *LIBL/QSYSPRT
   Replace program  . . . . . . . . :   *YES
   Target release . . . . . . . . . :   *PRV
   User profile . . . . . . . . . . :   *USER
   Authority  . . . . . . . . . . . :   *LIBCRTAUT
                                                                      More...
F3=Exit   F12=Cancel   F19=Left   F20=Right   F24=More keys
```

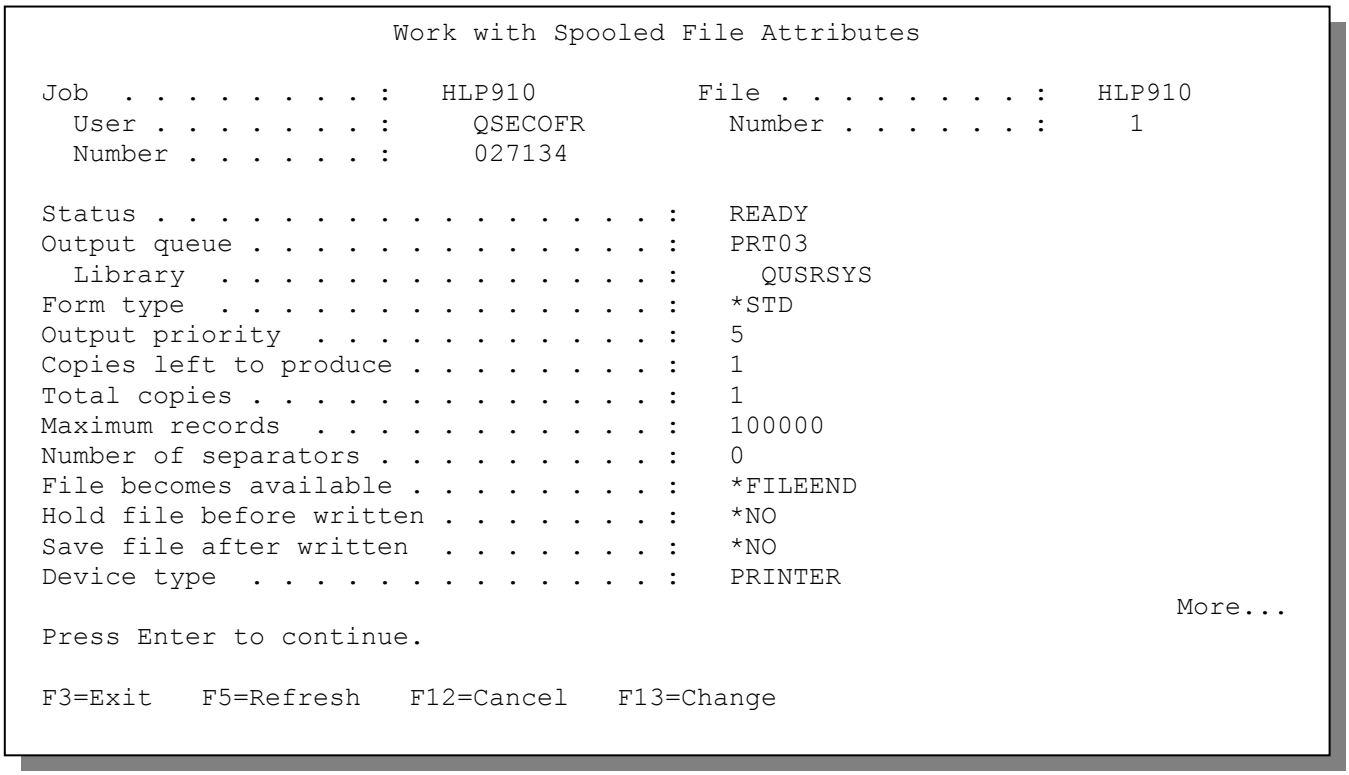
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Converted screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                  More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

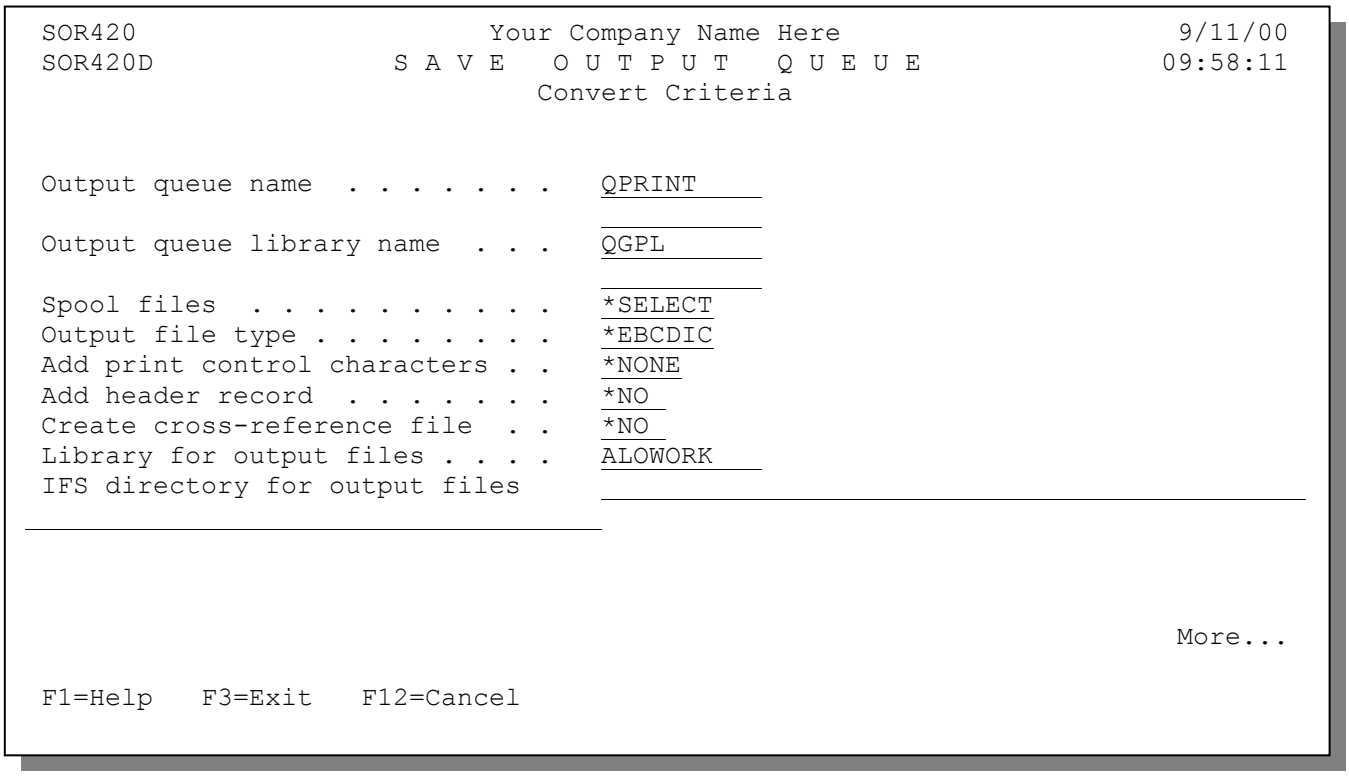
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Converted screen, the first of four Convert Criteria screens can be accessed. These screens allow you to review the criteria specified on the **CVTOUTQ** command prompt screen. An example of the first Convert Criteria screen is shown below.



Field Definitions

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Spool files - This parameter determines whether SOQ will convert all spool files that meet the criteria specified or allow you to select specific spool files to convert from a list of spool files that meet the criteria specified.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This field determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data files should be placed. This parameter is only used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data files should be placed. This parameter is only used if *ASCII is specified on the *Output file type* parameter.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

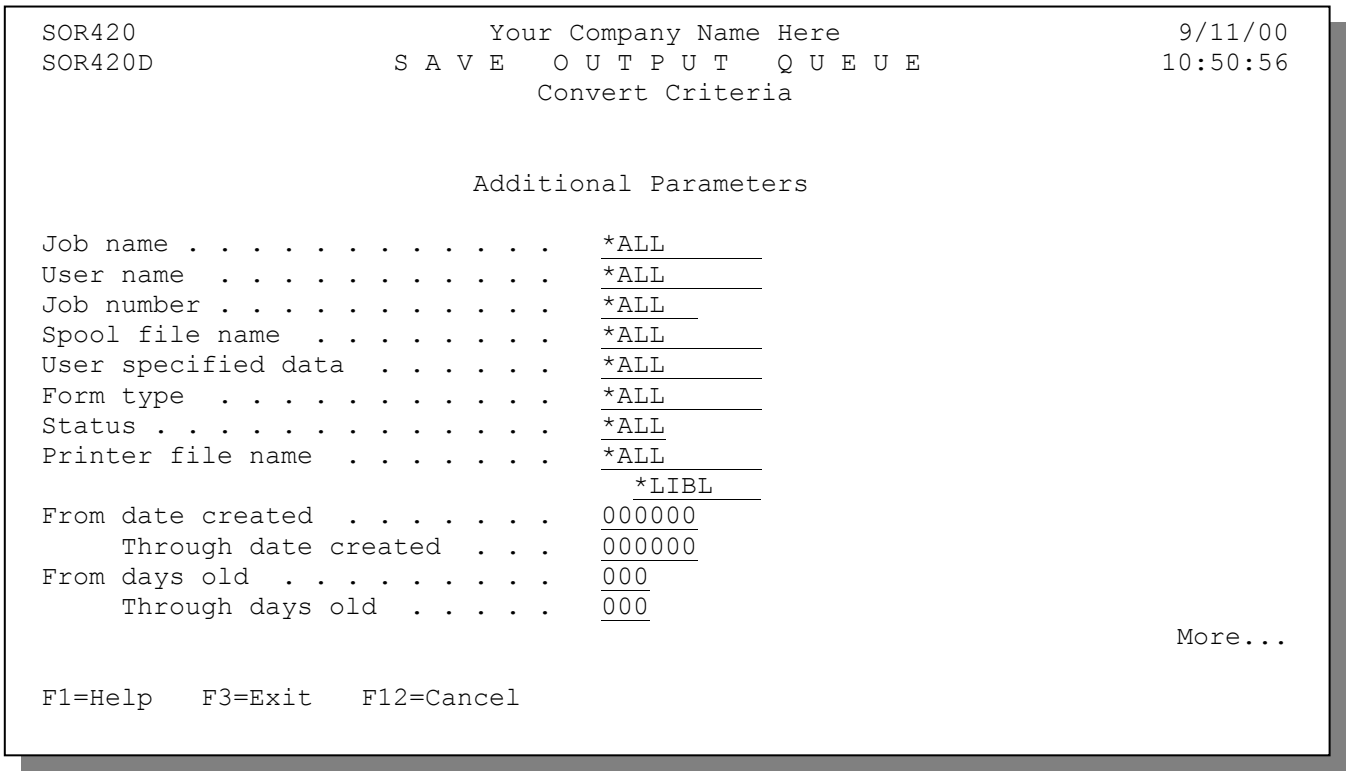
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the first Convert Criteria screen, the second of four Convert Criteria screens can be accessed. These screens allow you to review the criteria specified on the **CVTOUTQ** command prompt screen. An example of the second Convert Criteria screen is shown below.



Field Definitions

Job name - This field indicates the name of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all jobs are converted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be converted. If *ALL is specified, spool files created by all users are converted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all job numbers are converted. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be converted. If *ALL is specified, spool files of any name are converted. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be converted. If *ALL is specified, spool files created by all printer files are converted. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

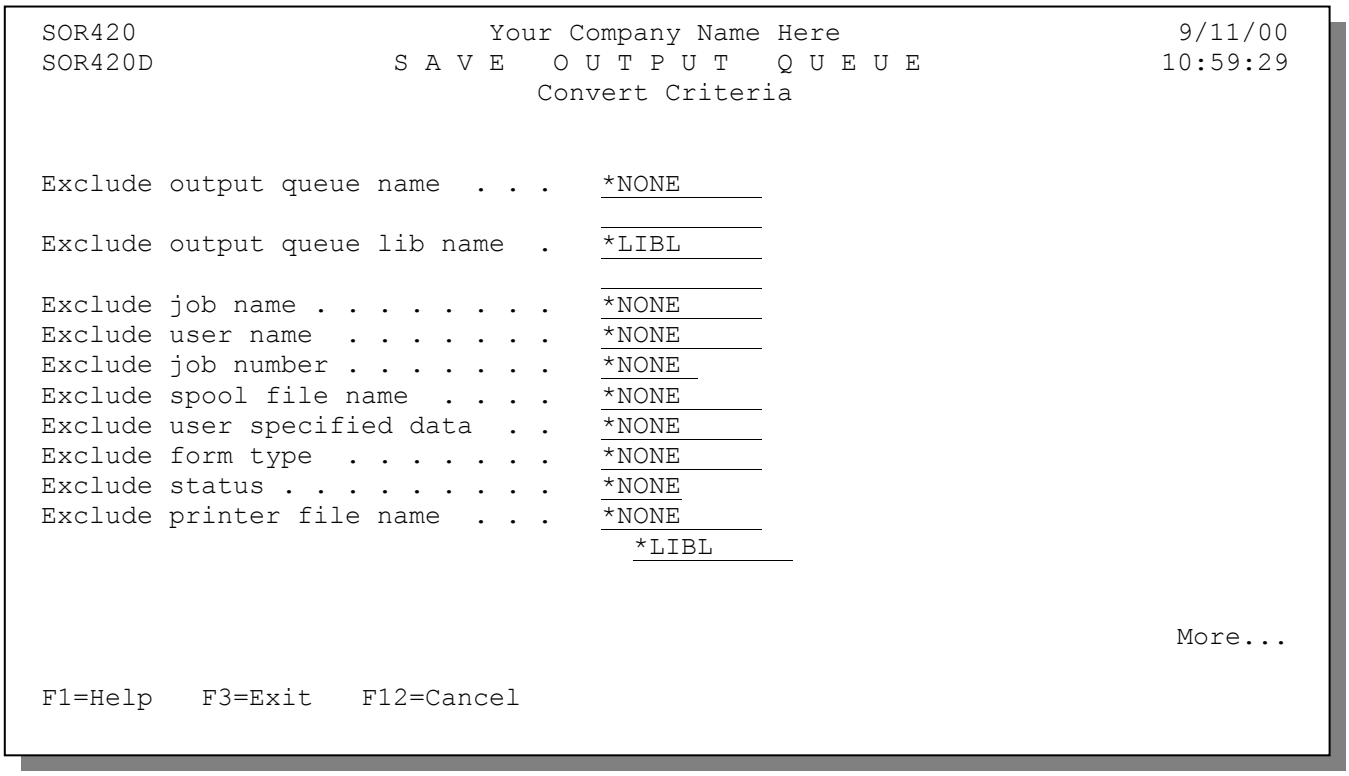
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the second Convert Criteria screen, the third of four Convert Criteria screens can be accessed. These screens allow you to review the criteria specified on the **CVTOUTQ** command prompt screen. An example of the third Convert Criteria screen is shown below.



Field Definitions

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the conversion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the conversion process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the conversion process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

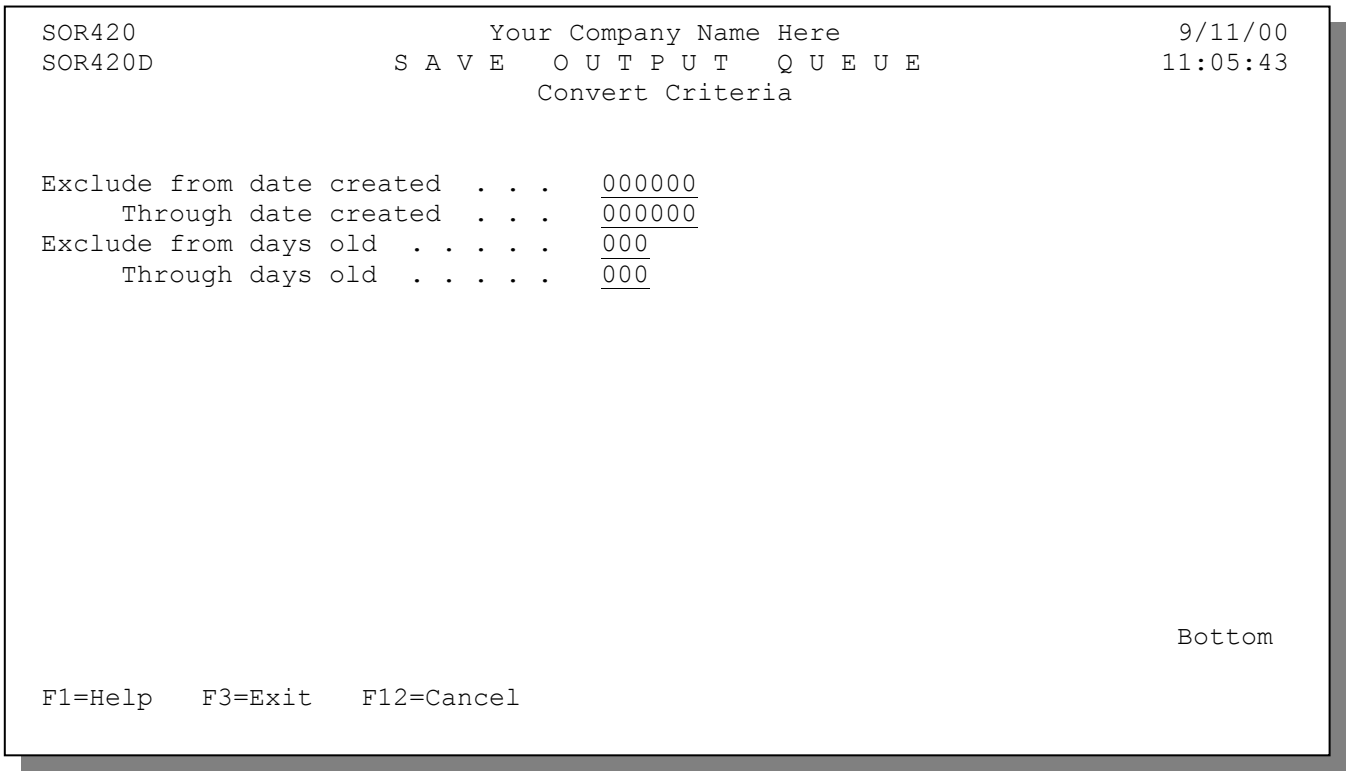
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the third Convert Criteria screen, the fourth of four Convert Criteria screens can be accessed. These screens allow you to review the criteria specified on the **CVTOUTQ** command prompt screen. An example of the fourth Convert Criteria screen is shown below.



Field Definitions

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each conversion function performed using option 06 from the SOQ Archival Menu will produce a Spool Files Converted report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Converted reports. This report will indicate which spool files, if any, were not converted and why they were not deleted. An example of the Spool Files Converted report is shown below.

```
          RUN DATE:  9/08/00                        Your Company Name Here                                PAGE:    1
          RUN TIME: 14:40:02                  S A V E   O U T P U T   Q U E U E                         PGM: SOR430
                                                    SPOOL FILES CONVERTED

JOB NAME.....: HPPC         OUTPUT TYPE.....: *EBCDIC   CONTROL CHARACTERS..: *NONE
USER NAME....: MIKE         HEADER RECORDS..: *NO       CROSS REFERENCE FILE: *NONE
JOB NUMBER...: 052866       OUTPUT LIBRARY..: RMSLIB

 SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
 FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
 ---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

 SOR120     000012 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540001
 SOR120     000024 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540002
 SOR120     000042 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540003
 SOR120     000043 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540004
 SOR120     000078 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540005
 SOR120     000079 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540006
 SOR120     000080 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540007
 SOR120     000081 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540008
 SOR120D    000015 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S000540009
 SOR120D    000026 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000A
 SOR120D    000045 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000B
 SOR120D    000047 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000C
 SOR120D    000083 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       CONVERTED: RMSLIB/S00054000D


***         13  SPOOL FILES CONVERTED.
```

The sample report shown above was produced by SOQ using print format 1.

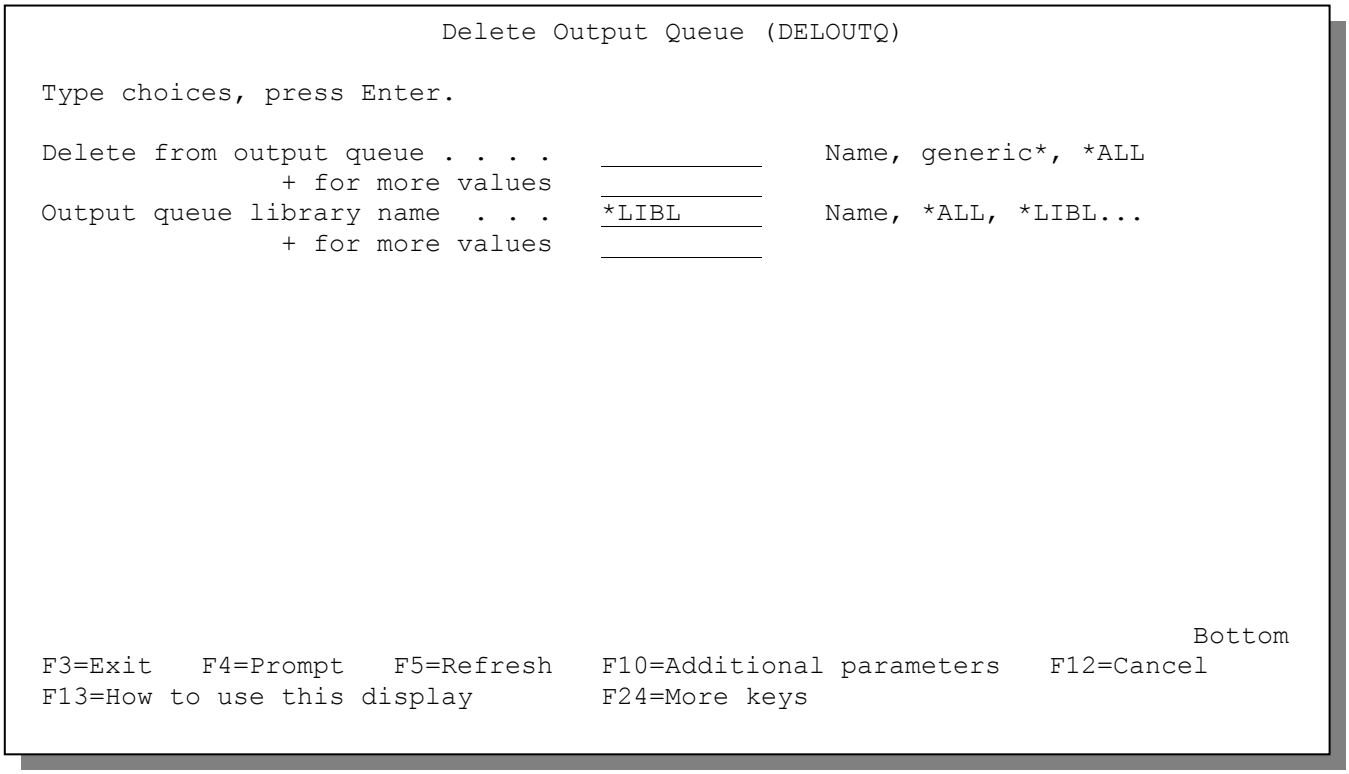
```
          RUN DATE:  9/11/00                        Your Company Name Here                                PAGE:    1
          RUN TIME:  9:02:55                  S A V E   O U T P U T   Q U E U E                         PGM: SOR430
                                                    SPOOL FILES CONVERTED

JOB NAME.....: IBMPC        OUTPUT TYPE.....: *ASCII    CONTROL CHARACTERS..: *NONE
USER NAME....: QSECOFR      HEADER RECORDS..: *NO       CROSS REFERENCE FILE: *NONE
JOB NUMBER...: 053024       OUTPUT DIRECTORY: /home/mike

 SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
 FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
 ---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

 SOR120     000012 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:14 QPRINT     QGPL       CONVERTED: S000600001.TXT
 SOR120     000024 QPRTJOB    QSECOFR    018686 *STD        6/02/00 11:42:16 QPRINT     QGPL       CONVERTED: S000600002.TXT
 SOR120     000042 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:27 QPRINT     QGPL       CONVERTED: S000600003.TXT
 SOR120     000043 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:31 QPRINT     QGPL       CONVERTED: S000600004.TXT
 SOR120     000078 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:02 QPRINT     QGPL       CONVERTED: S000600005.TXT
 SOR120     000079 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:05 QPRINT     QGPL       CONVERTED: S000600006.TXT
 SOR120     000080 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:08 QPRINT     QGPL       CONVERTED: S000600007.TXT
 SOR120     000081 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:10 QPRINT     QGPL       CONVERTED: S000600008.TXT
 SOR120D    000015 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:21 QPRINT     QGPL       CONVERTED: S000600009.TXT
 SOR120D    000026 QPRTJOB    QSECOFR    018686 *STD        6/02/00 11:42:20 QPRINT     QGPL       CONVERTED: S00060000A.TXT
 SOR120D    000045 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:38 QPRINT     QGPL       CONVERTED: S00060000B.TXT
 SOR120D    000047 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:18:46 QPRINT     QGPL       CONVERTED: S00060000C.TXT
 SOR120D    000083 QPRTJOB    QSECOFR    018686 *STD        6/12/00 14:33:16 QPRINT     QGPL       CONVERTED: S00060000D.TXT


***         13  SPOOL FILES CONVERTED.
```

The sample report shown above was produced by SOQ using print format 2.

DELETE SPOOL FILES

To delete all spool files meeting criteria that can be specified on the **DELOUTQ** command, select option 07 from the SOQ Archival Menu. After selecting option 07, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be deleted. If *ALL is specified as the output queue from which spool files are to be deleted, spool files will be deleted from all output queues.

Warning: Use this command with extreme caution. Deleted spool files that have not been archived cannot be recovered.



Field Definitions

Delete from output queue - This field determines the output queue(s) from which the spool files are to be deleted. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

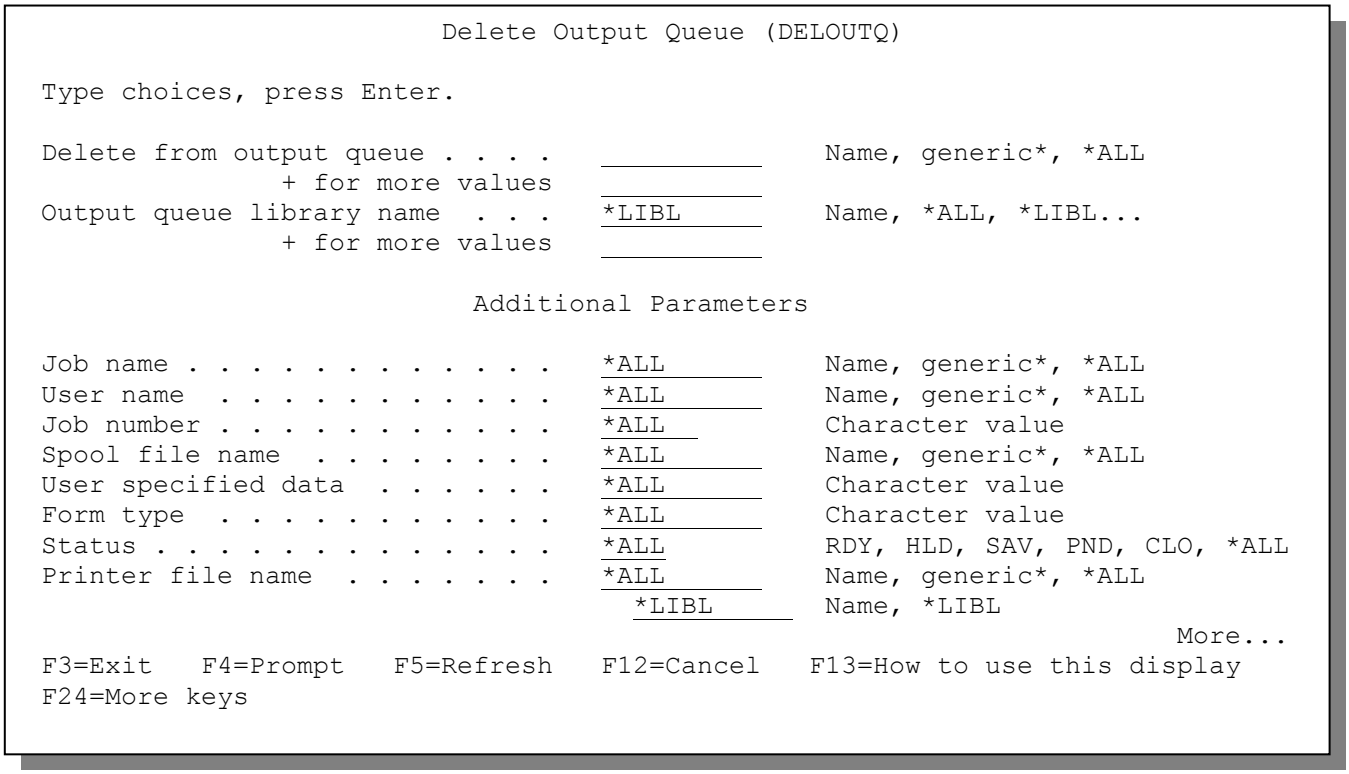
Output queue library name - This field determines the libraries from which the spool files will be deleted. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **DELOUTQ** prompt screen, the extended **DELOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be deleted. The first of these three screens is shown below.



Field Definitions

Delete from output queue - This field determines the output queue(s) from which the spool files are to be deleted. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files will be deleted. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Job name - This field indicates the name of the job that created all spool files that are to be deleted. If *ALL is specified, spool files created by all jobs are deleted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be deleted. If *ALL is specified, spool files created by all users are deleted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be deleted. If *ALL is specified, spool files created by all job numbers are deleted. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be deleted. If *ALL is specified, spool files of any name are deleted. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their status. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *ALL.

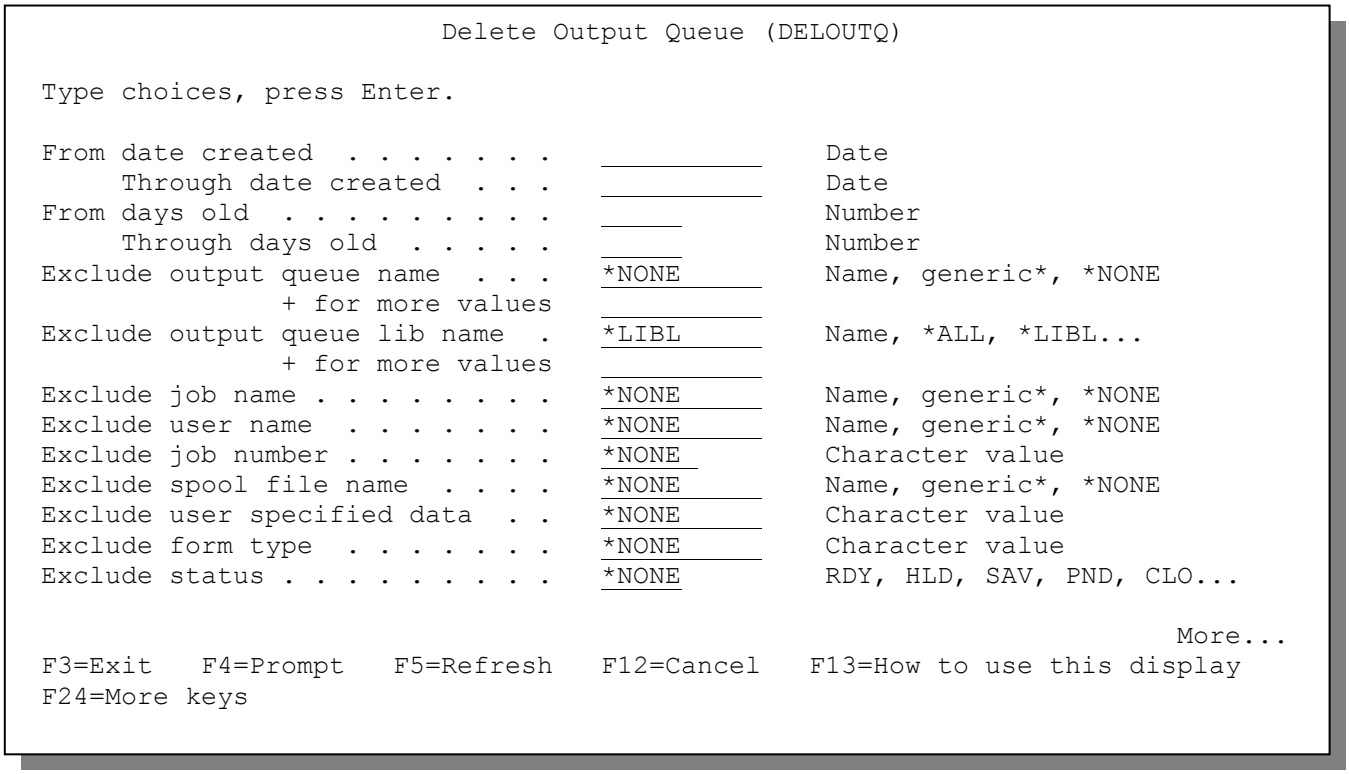
Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be deleted. If *ALL is specified, spool files created by all printer files are deleted. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **DELOUTQ** prompt screen, the second extended **DELOUTQ** prompt screen can be accessed. An example of the second extended **DELOUTQ** prompt screen is shown below.



Field Definitions

From date created - This field indicates the beginning of the date range to be used while deleting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files created on all dates are deleted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while deleting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files created on all dates are deleted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while deleting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files of all ages are deleted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while deleting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files of all ages are deleted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the deletion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the deletion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the save process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the deletion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the deletion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the deletion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the deletion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

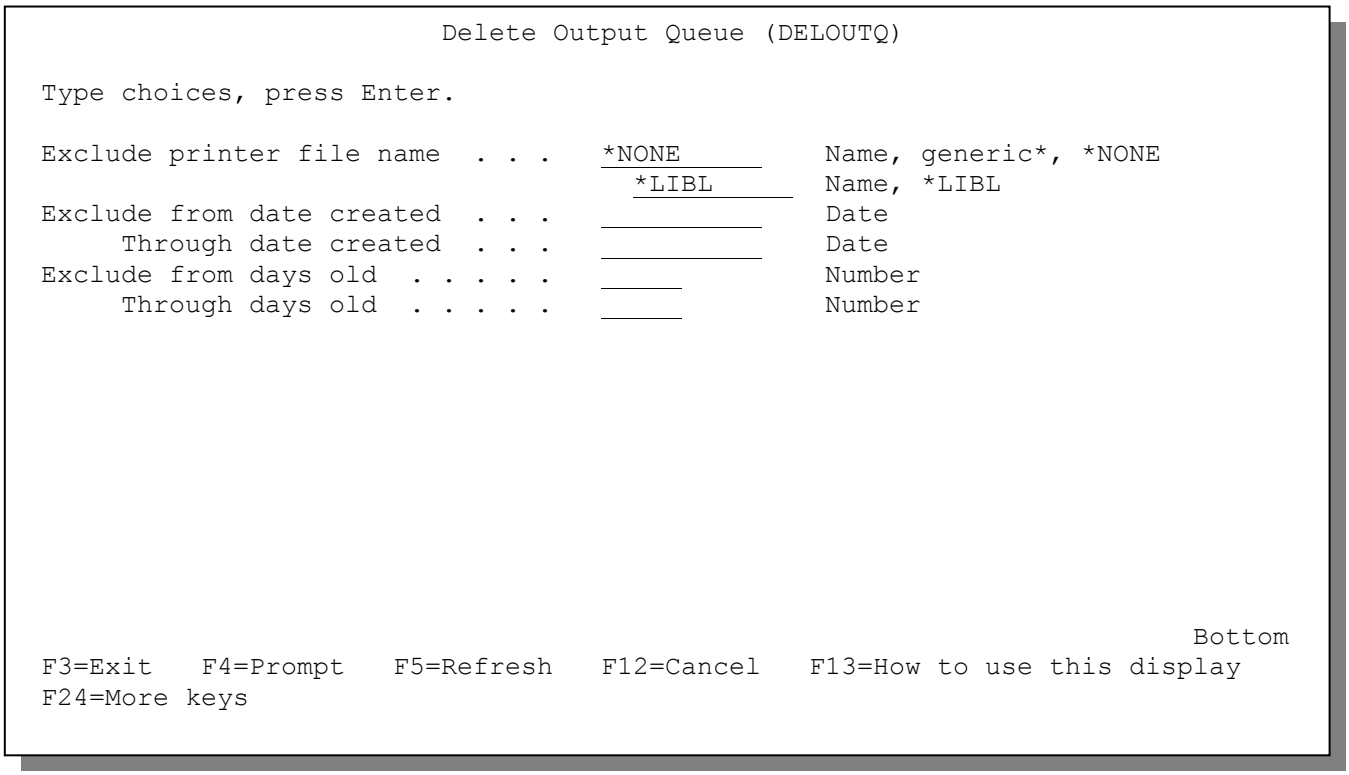
Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the deletion process. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **DELOUTQ** prompt screen, the third extended **DELOUTQ** prompt screen can be accessed. An example of the third extended **DELOUTQ** prompt screen is shown below.



Field Definitions

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the deletion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the deletion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the deletion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each deletion function performed using option 07 from the SOQ Archival Menu will produce a Spool Files Deleted report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Deleted reports. This report will indicate which spool files, if any, were not deleted and why they were not deleted. An example of the Spool Files Deleted report is shown below.

```
         RUN DATE: 10/11/99                        Your Company Name Here                                  PAGE:    1
         RUN TIME: 15:15:07                   S A V E   O U T P U T   Q U E U E                          PGM: SOR190
                                                   SPOOL FILES DELETED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000038 DSP01      QSECOFR    019854      4 *STD                  QPRINTS    QGPL       DELETED
RSTOUTQCP  000034 DSP01      QSECOFR    019854     29 *STD                  QPRINTS    QGPL       DELETED
SOR010D    000042 DSP01      QSECOFR    019854     13 REPORT1               QPRINTS    QGPL       DELETED
SOR030     000035 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000036 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000039 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000040 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR0602    000043 DSP01      QSECOFR    019854     34 REPORT2               QPRINTS    QGPL       DELETED
SOR120     000037 DSP01      QSECOFR    019854     45 *STD                  QPRINTS    QGPL       DELETED
SOR120     000041 DSP01      QSECOFR    019854     45 *STD                  QPRINTS    QGPL       DELETED
SOR225     000044 DSP01      QSECOFR    019854     11 REPORT3               QPRINTS    QGPL       DELETED
SMPRINT    000155 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED
SMPRINT    000156 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED
SMPRINT    000157 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED


 ***         14  SPOOL FILES DELETED.
```

The sample report shown above was produced by SOQ using print format 1.

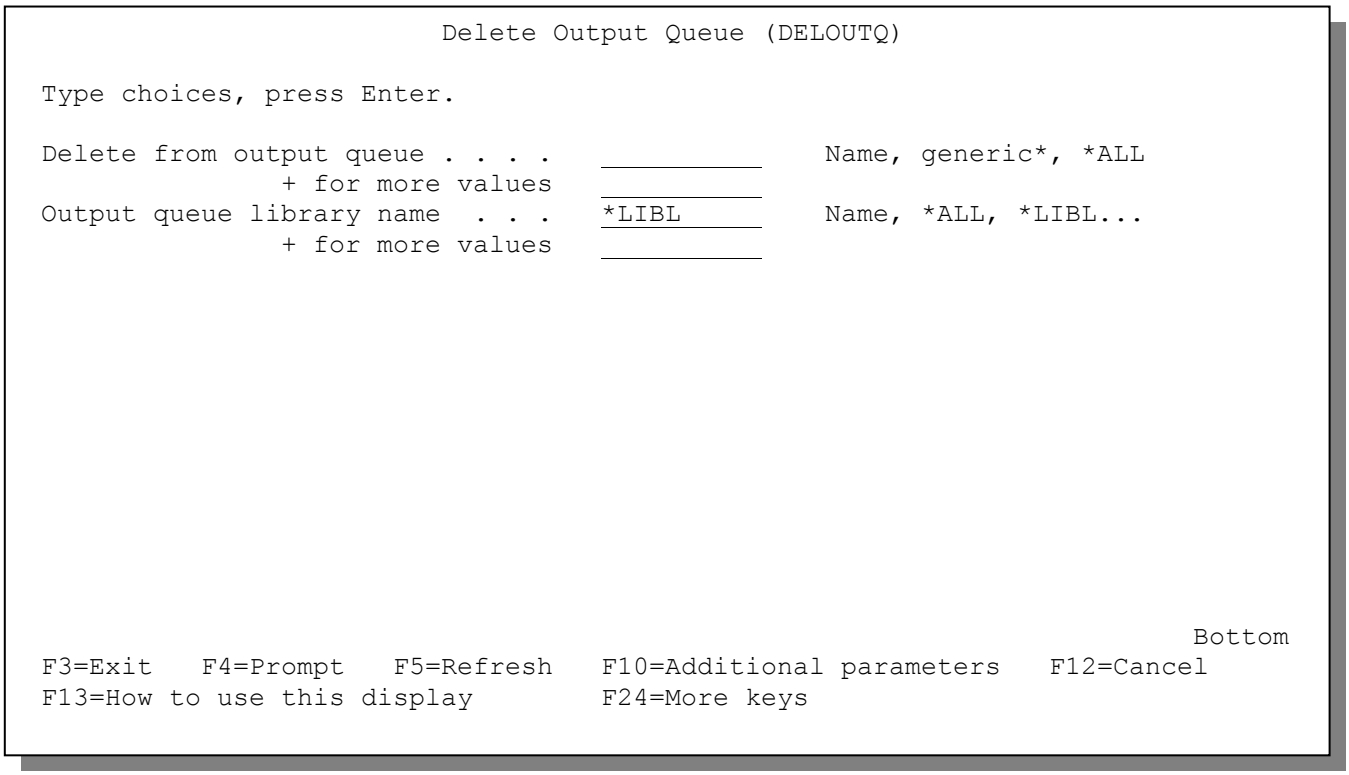
```
         RUN DATE: 10/11/99                        Your Company Name Here                                  PAGE:    1
         RUN TIME: 15:16:47                   S A V E   O U T P U T   Q U E U E                          PGM: SOR190
                                                   SPOOL FILES DELETED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

QSTRUP     000047 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:01 QPRINTS    QGPL       DELETED
QSTRUP     000051 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:07 QPRINTS    QGPL       DELETED
SOR030     000048 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:02 QPRINTS    QGPL       DELETED
SOR030     000049 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:04 QPRINTS    QGPL       DELETED
SOR030     000052 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:07 QPRINTS    QGPL       DELETED
SOR030     000053 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:09 QPRINTS    QGPL       DELETED
SOR0602    000056 DSP01      QSECOFR    019854 REPORT2    10/11/99 15:16:14 QPRINTS    QGPL       DELETED
SOR120     000050 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:05 QPRINTS    QGPL       DELETED
SOR120     000054 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:11 QPRINTS    QGPL       DELETED
SOR120D    000055 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:12 QPRINTS    QGPL       DELETED
SMPRINT    000158 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:16:01 QPRINTS    QGPL       DELETED
SMPRINT    000159 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:16:13 QPRINTS    QGPL       DELETED


 ***         12  SPOOL FILES DELETED.
```

The sample report shown above was produced by SOQ using print format 2.

DELETE SELECTED SPOOL FILES

To delete selected spool files meeting criteria that can be specified on the **DELOUTQ** command, select option 08 from the SOQ Archival Menu. After selecting option 08, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be deleted. If *ALL is specified as the output queue from which spool files are to be deleted, spool files will be deleted from all output queues.

Warning: Use this command with extreme caution. Deleted spool files that have not been archived cannot be recovered.



Field Definitions

Delete from output queue - This field determines the output queue(s) from which the spool files are to be deleted. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

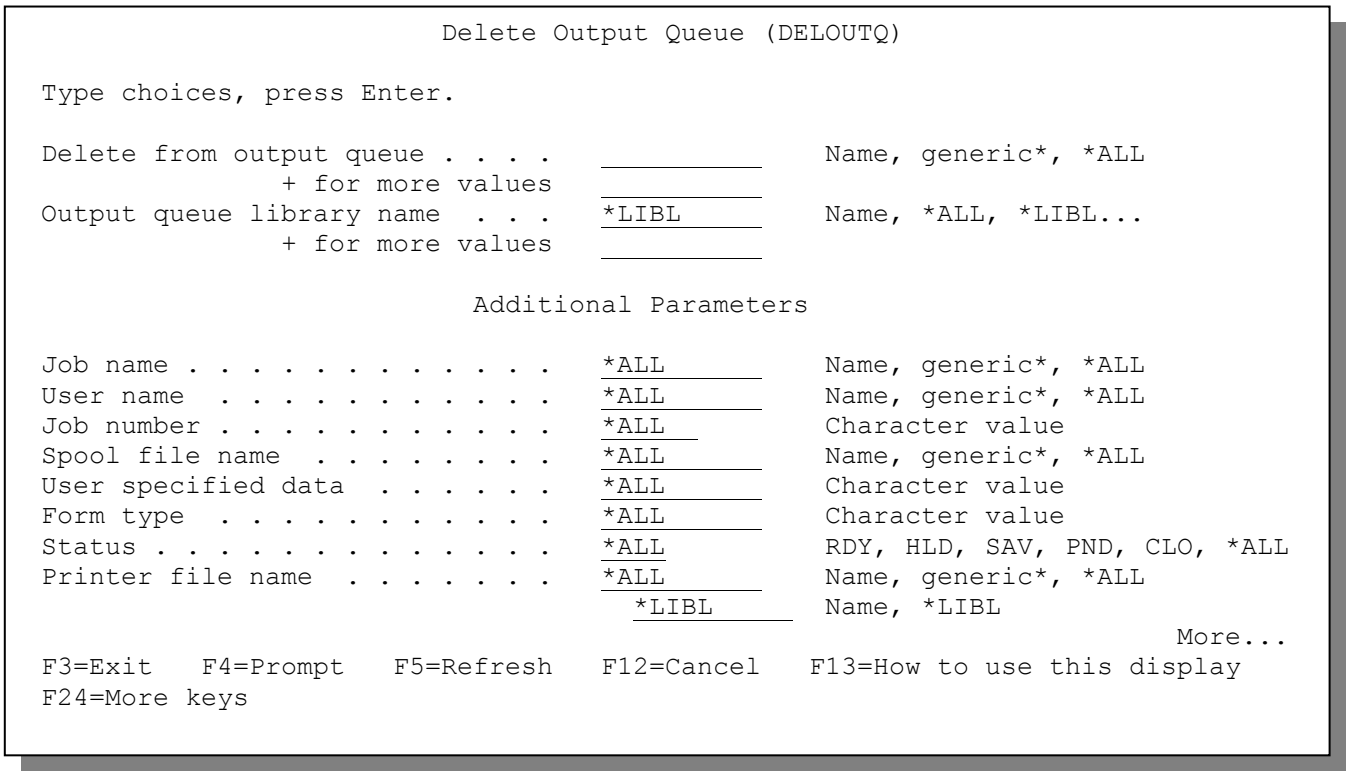
Output queue library name - This field determines the libraries from which the spool files will be deleted. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **DELOUTQ** prompt screen, the extended **DELOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be deleted. The first of these three screens is shown below.



Field Definitions

Delete from output queue - This field determines the output queue(s) from which the spool files are to be deleted. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files will be deleted. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Job name - This field indicates the name of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all jobs may be selected. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that may be selected. If *ALL is specified, spool files created by all users may be selected. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all job numbers may be selected. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that may be selected. If *ALL is specified, spool files of any name may be selected. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their status. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *ALL.

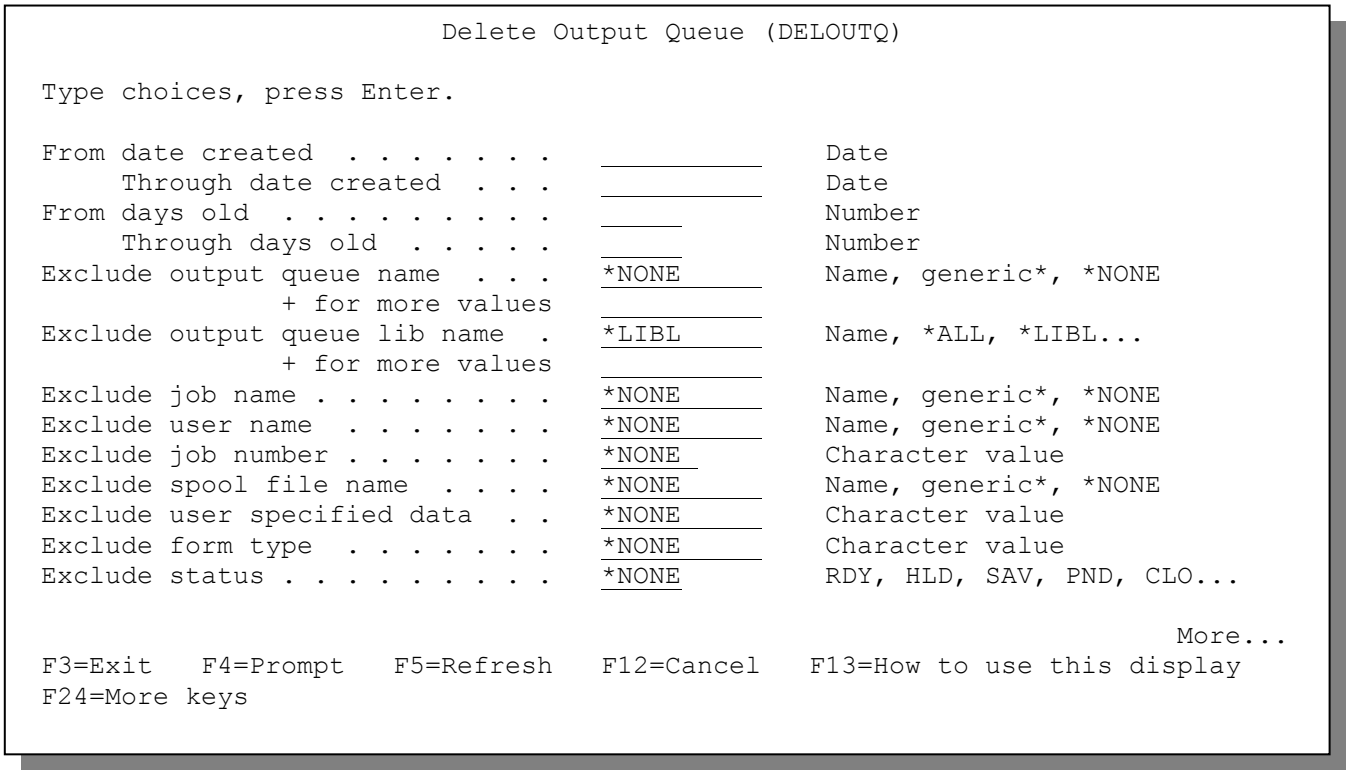
Printer file name - This field indicates the name of the printer file that was used to create all spool files that may be selected. If *ALL is specified, spool files created by all printer files may be selected. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **DELOUTQ** prompt screen, the second extended **DELOUTQ** prompt screen can be accessed. An example of the second extended **DELOUTQ** prompt screen is shown below.



```
                        Delete Output Queue (DELOUTQ)

Type choices, press Enter.

From date created  . . . . . .            Date
     Through date created  . . .            Date
From days old  . . . . . .                 Number
     Through days old  . . . . .           Number
Exclude output queue name  . . .  *NONE    Name, generic*, *NONE
               + for more values
Exclude output queue lib name  .  *LIBL    Name, *ALL, *LIBL...
               + for more values
Exclude job name . . . . . .      *NONE    Name, generic*, *NONE
Exclude user name  . . . . . .    *NONE    Name, generic*, *NONE
Exclude job number . . . . . .    *NONE    Character value
Exclude spool file name  . . . .  *NONE    Name, generic*, *NONE
Exclude user specified data  . .  *NONE    Character value
Exclude form type  . . . . . .    *NONE    Character value
Exclude status . . . . . .        *NONE    RDY, HLD, SAV, PND, CLO...

                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

From date created - This field indicates the beginning of the date range to be used while determining which spool files may be selected to be deleted. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while determining which spool files may be selected to be deleted. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while determining which spool files may be selected to be deleted. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while determining which spool files may be selected to be deleted. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

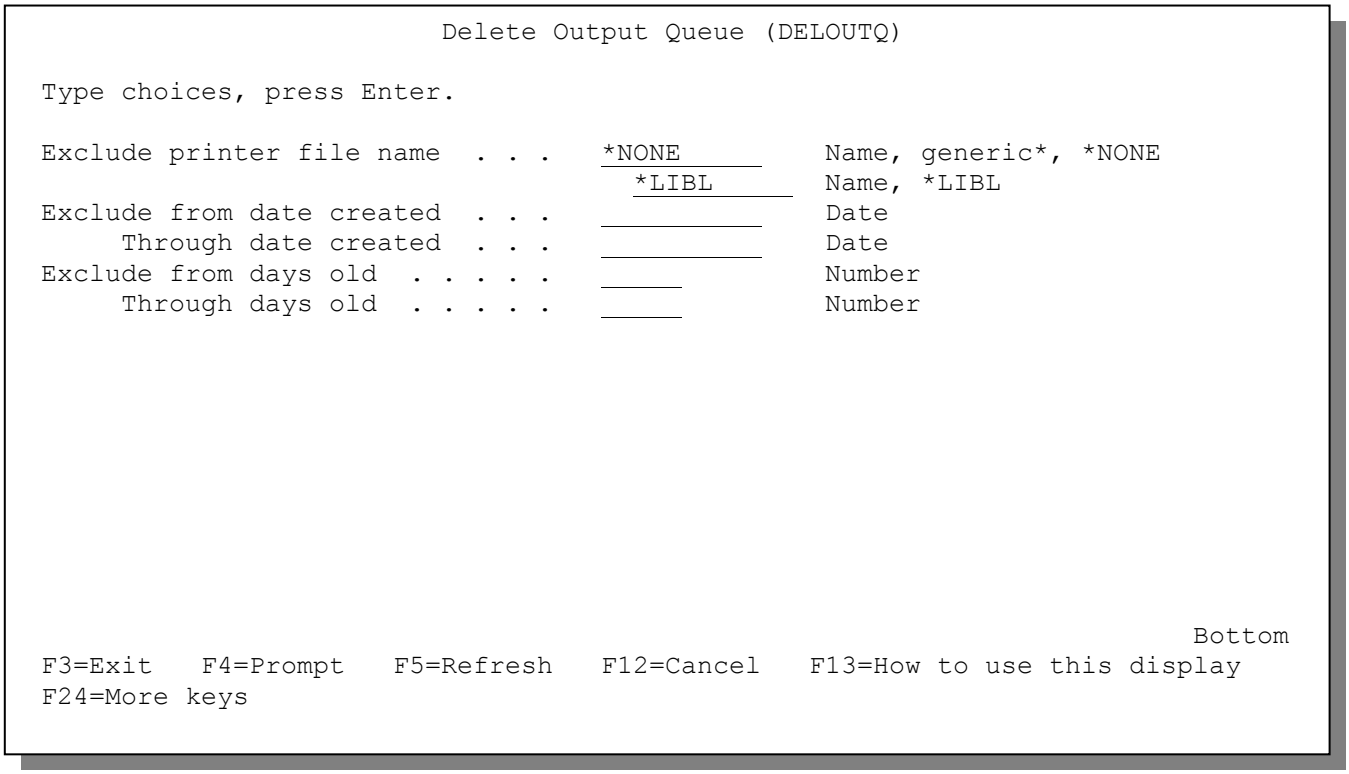
Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **DELOUTQ** prompt screen, the third extended **DELOUTQ** prompt screen can be accessed. An example of the third extended **DELOUTQ** prompt screen is shown below.



Field Definitions

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **DELOUTQ** prompt screen, the Select Spool Files To Be Deleted screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Deleted screen lists all spool files that met the criteria specified on the **DELOUTQ** prompt screens. This screen allows you to select specific spool files to be deleted, displayed, or have their attributes displayed.

```
 SOR180                        Your Company Name Here                        3/08/97
 SOR180D                  S A V E   O U T P U T   Q U E U E                  19:37:22
                           Select Spool Files To Be Deleted

 Type options, press Enter.
 1=Select   5=Display Spool File   8=Display Attributes

Opt File       Nbr    Job Name   User       Number Pages  Sts  Cpy Form Type
 _  SNDMSG     000001 SNDMSG     QSECOFR    027230 000004 HLD  001 *STD
 _  QSYSPRT    000019 W2         QSECOFR    027201 000001 HLD  001 *STD
 _  QSYSPRT    000020 W2         QSECOFR    027201 000001 HLD  001 *STD
 _  QSYSPRT    000021 W2         QSECOFR    027201 000001 HLD  001 *STD
 _  QSYSPRT    000022 W2         QSECOFR    027201 000001 HLD  001 *STD
 _  QSYSPRT    000023 W2         QSECOFR    027201 000001 HLD  001 *STD

                                                                      Bottom

 F1=Help   F3=Exit   F5=Display delete criteria   F11=View 2
 F12=Cancel   F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 1987, 2002.
```

Field Definitions

Option - This field allows you to select one or more spool files to be deleted, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be deleted, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User - This field indicates the name of the user that created the spool file.

Number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **DELOUTQ** command to be displayed.

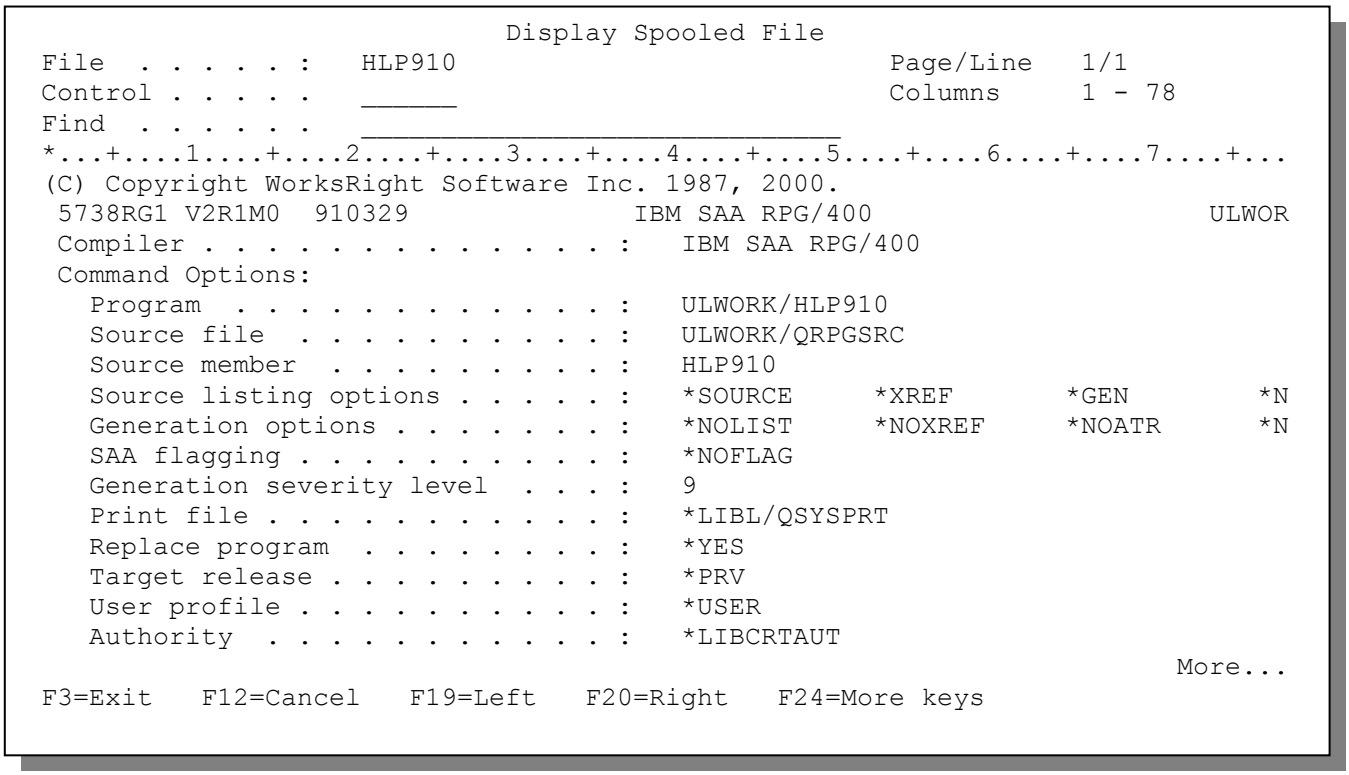
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Deleted screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



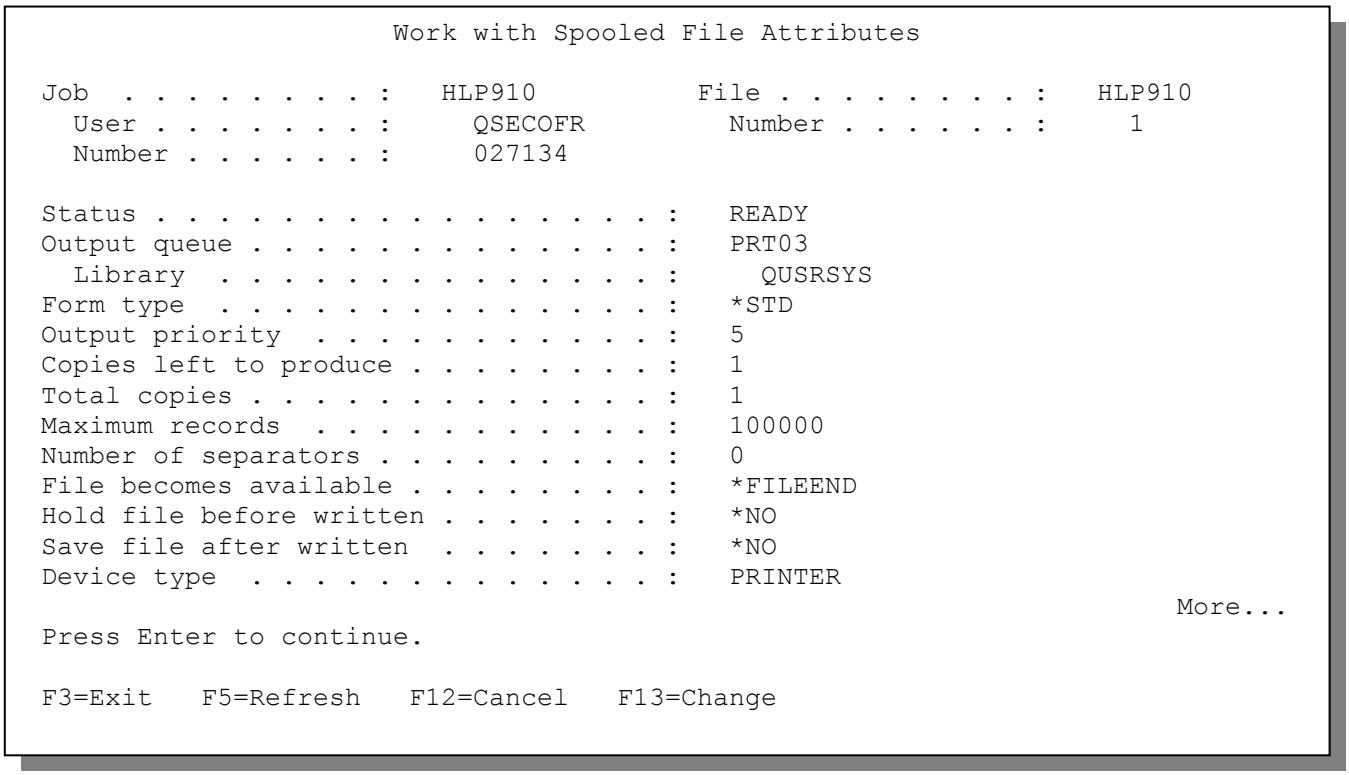
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Deleted screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



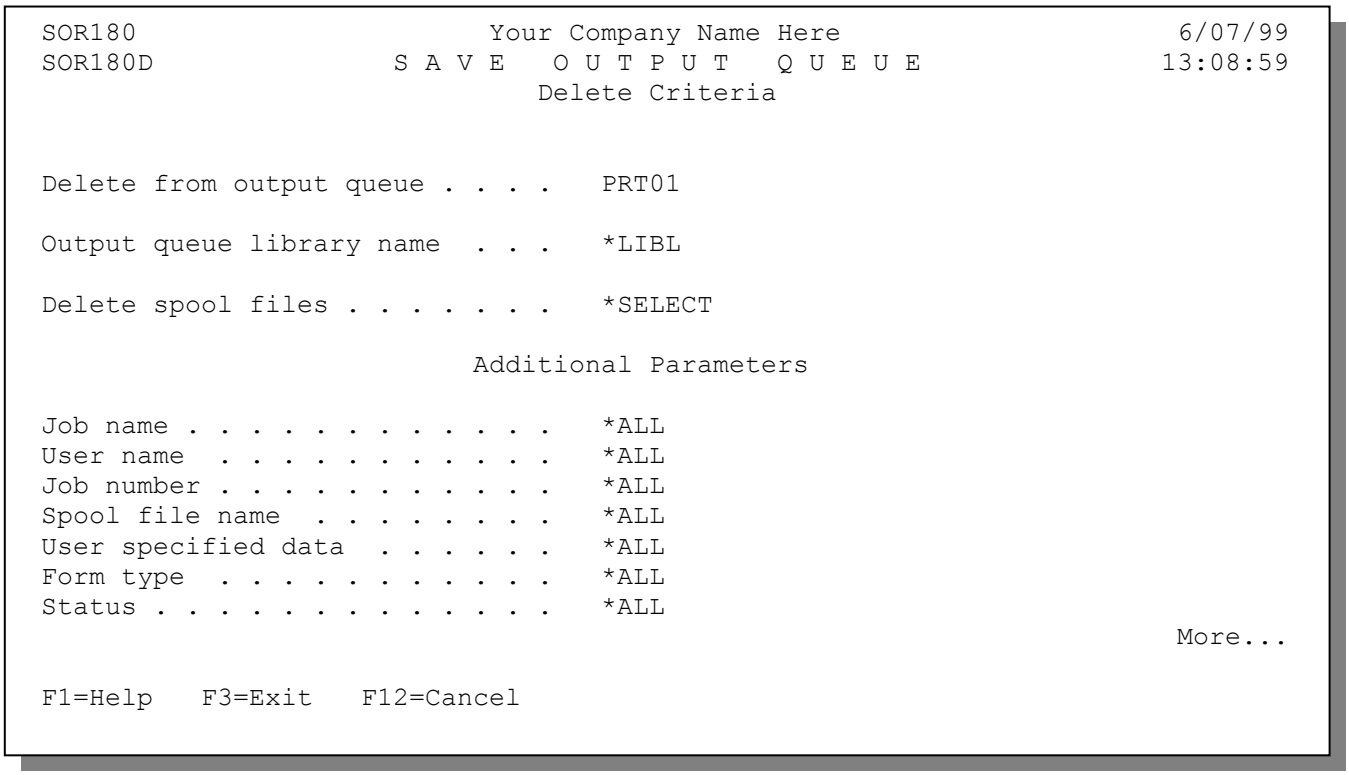
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Deleted screen, the first of three Delete Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DELOUTQ** command prompt screen. An example of the first Delete Criteria screen is shown below.



Field Definitions

Delete from output queue - This parameter determines the output queue(s) from which the spool files to be deleted will be selected. Up to twenty output queue names may be specified.

Output queue library name - This parameter identifies the library in which the output queue(s) containing the spool files to be deleted can be found. Up to twenty output queue library names may be specified.

Delete spool files - This parameter determines whether SOQ will delete all spool files that meet the criteria specified or allow you to select specific spool files to delete from a list of spool files that meet the criteria specified.

Job name - This parameter indicates the name of the job that created all spool files that are to be deleted.

User name - This parameter indicates the name of the user that created all spool files that are to be deleted.

Job number - This parameter indicates the number of the job that created all spool files that are to be deleted.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be deleted.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be deleted.

Form type - This parameter indicates the form type shared by all spool files that are to be deleted.

Status - This parameter indicates the spool file status shared by all spool files that are to be deleted.

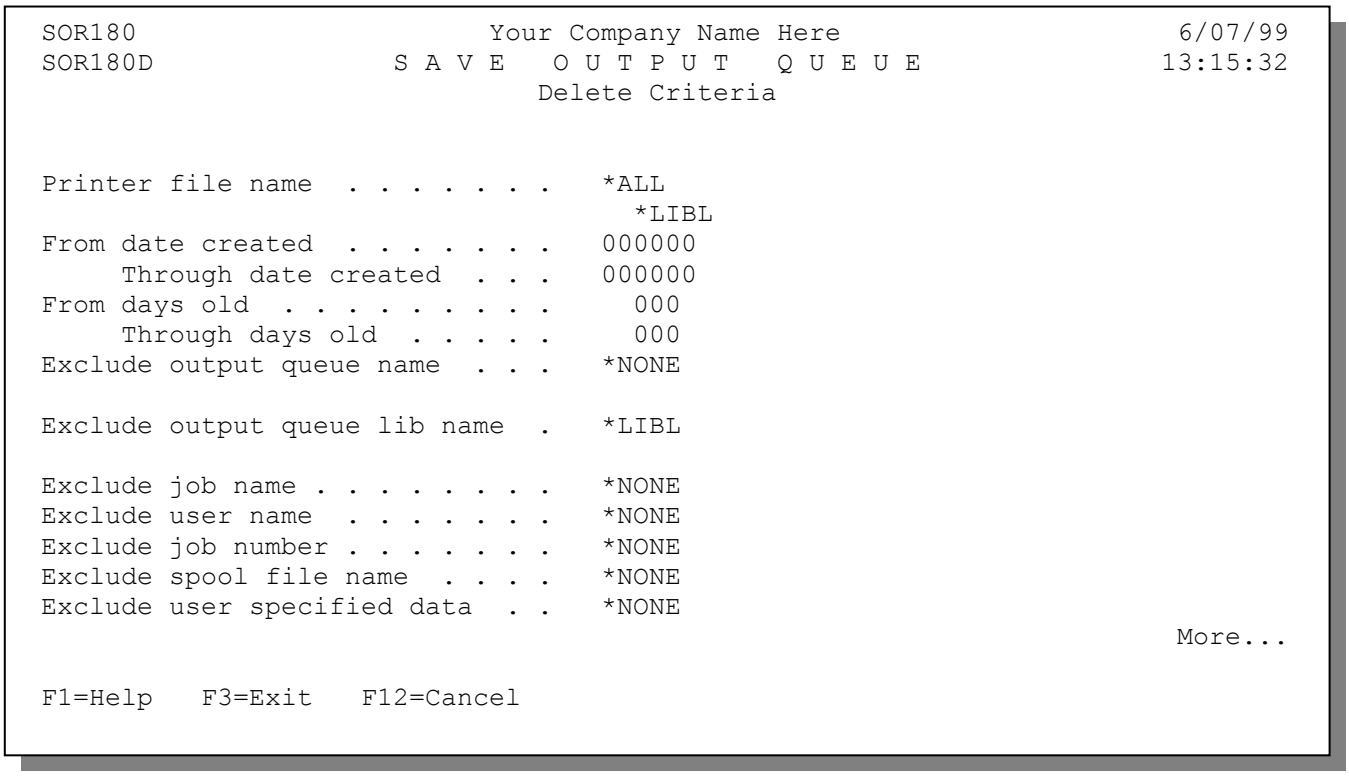
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the first Delete Criteria screen, the second of three Delete Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DELOUTQ** command prompt screen. An example of the second Delete Criteria screen is shown below.



Field Definitions

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be deleted.

From date created - This parameter indicates the beginning of the date range during which all spool files to be deleted were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be deleted were created.

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be deleted.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be deleted.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from the deletion process.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the deletion process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the deletion process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the deletion process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the deletion process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the deletion process.

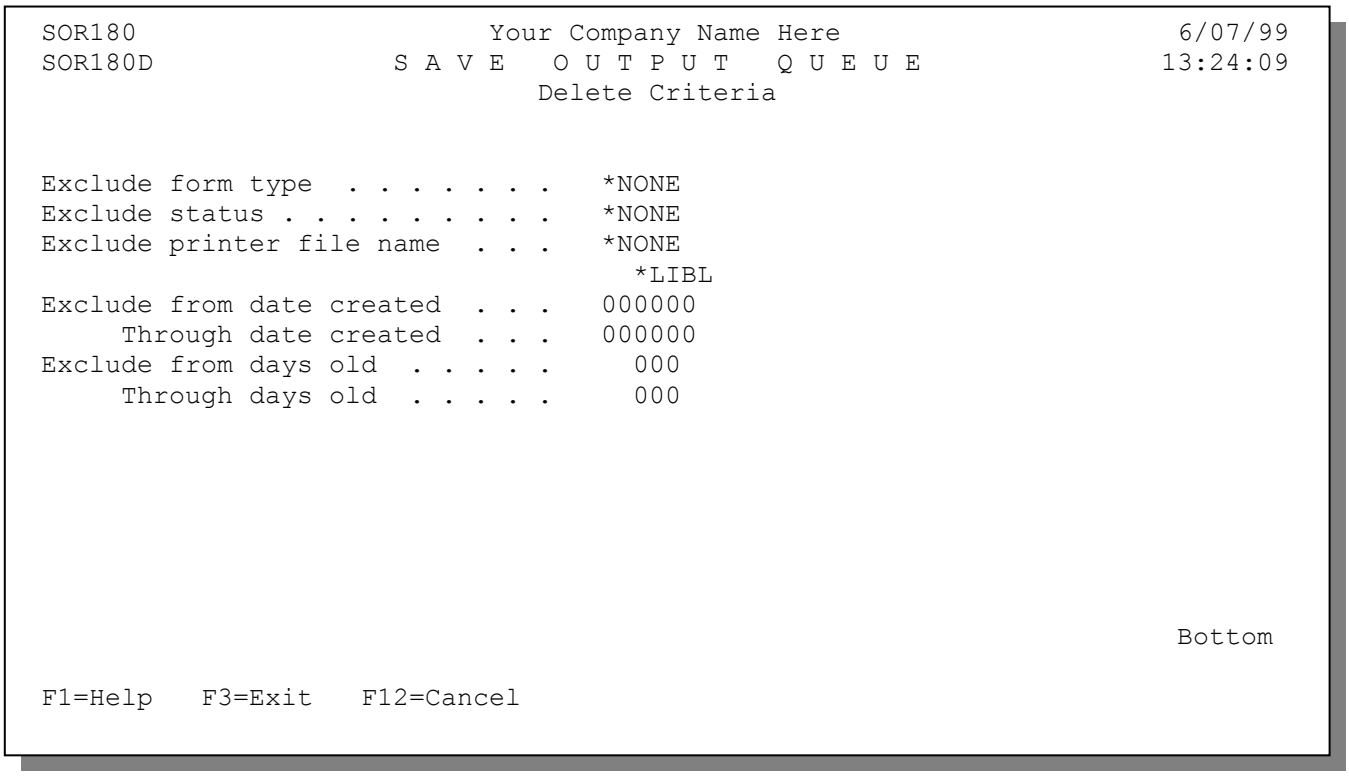
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the second Delete Criteria screen, the third of three Delete Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DELOUTQ** command prompt screen. An example of the third Delete Criteria screen is shown below.



Field Definitions

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the deletion process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the deletion process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the deletion process.

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the deletion process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the deletion process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each deletion function performed using option 08 from the SOQ Archival Menu will produce a Spool Files Deleted report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Deleted reports. This report will indicate which spool files, if any, were not deleted and why they were not deleted. An example of the Spool Files Deleted report is shown below.

```
         RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
         RUN TIME: 15:15:07                   S A V E   O U T P U T   Q U E U E                        PGM: SOR190
                                                   SPOOL FILES DELETED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000038 DSP01      QSECOFR    019854      4 *STD                  QPRINTS    QGPL       DELETED
RSTOUTQCP  000034 DSP01      QSECOFR    019854     29 *STD                  QPRINTS    QGPL       DELETED
SOR010D    000042 DSP01      QSECOFR    019854     13 REPORT1               QPRINTS    QGPL       DELETED
SOR030     000035 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000036 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000039 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR030     000040 DSP01      QSECOFR    019854     51 *STD                  QPRINTS    QGPL       DELETED
SOR0602    000043 DSP01      QSECOFR    019854     34 REPORT2               QPRINTS    QGPL       DELETED
SOR120     000037 DSP01      QSECOFR    019854     45 *STD                  QPRINTS    QGPL       DELETED
SOR120     000041 DSP01      QSECOFR    019854     45 *STD                  QPRINTS    QGPL       DELETED
SOR225     000044 DSP01      QSECOFR    019854     11 REPORT3               QPRINTS    QGPL       DELETED
SMPRINT    000155 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED
SMPRINT    000156 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED
SMPRINT    000157 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       DELETED


 ***         14  SPOOL FILES DELETED.
```

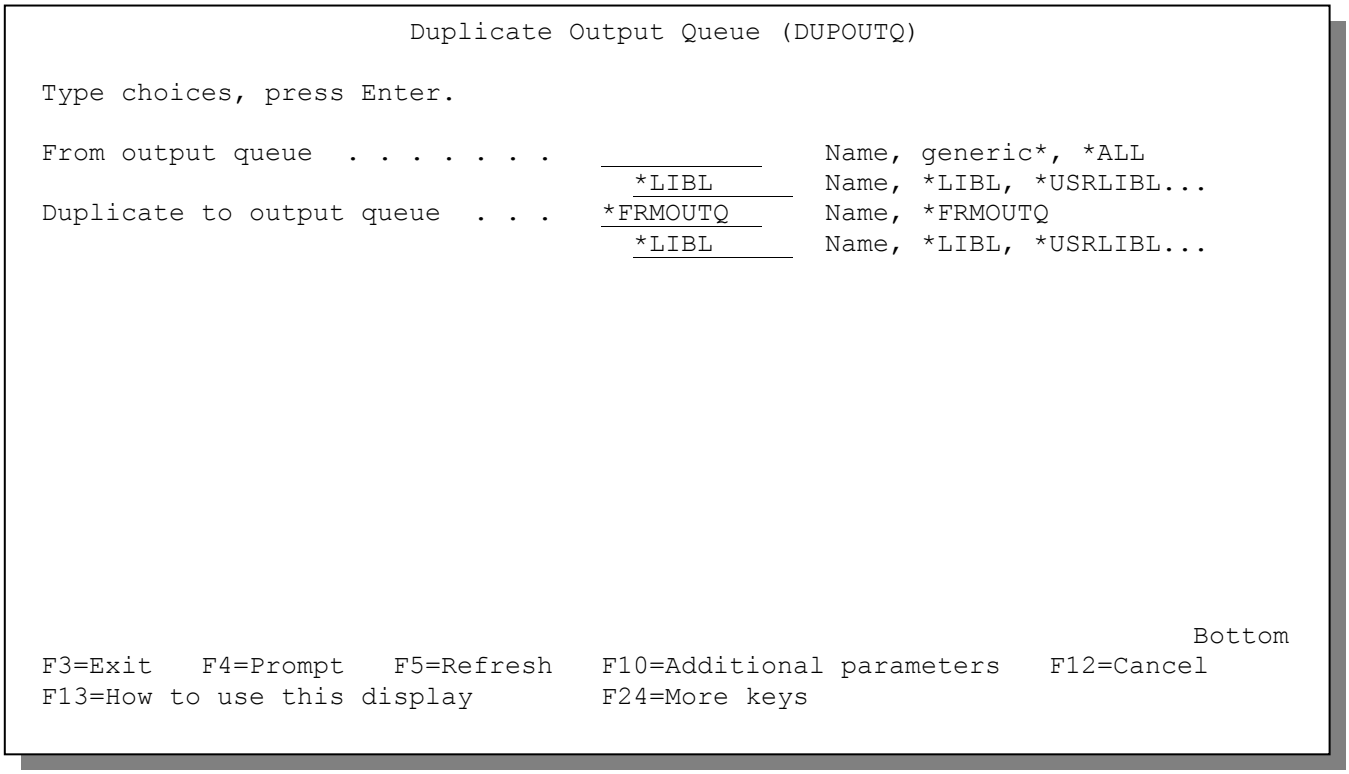
The sample report shown above was produced by SOQ using print format 1.

```
         RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
         RUN TIME: 15:16:47                   S A V E   O U T P U T   Q U E U E                        PGM: SOR190
                                                   SPOOL FILES DELETED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

QSTRUP     000047 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:01 QPRINTS    QGPL       DELETED
QSTRUP     000051 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:07 QPRINTS    QGPL       DELETED
SOR030     000048 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:02 QPRINTS    QGPL       DELETED
SOR030     000049 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:04 QPRINTS    QGPL       DELETED
SOR030     000052 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:07 QPRINTS    QGPL       DELETED
SOR030     000053 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:09 QPRINTS    QGPL       DELETED
SOR0602    000056 DSP01      QSECOFR    019854 REPORT2    10/11/99 15:16:14 QPRINTS    QGPL       DELETED
SOR120     000050 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:05 QPRINTS    QGPL       DELETED
SOR120     000054 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:11 QPRINTS    QGPL       DELETED
SOR120D    000055 DSP01      QSECOFR    019854 *STD       10/11/99 15:16:12 QPRINTS    QGPL       DELETED
SMPRINT    000158 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:16:01 QPRINTS    QGPL       DELETED
SMPRINT    000159 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:16:13 QPRINTS    QGPL       DELETED


 ***         12  SPOOL FILES DELETED.
```

The sample report shown above was produced by SOQ using print format 2.

DUPLICATE SPOOL FILES

To duplicate all spool files meeting criteria that can be specified on the **DUPOUTQ** command, select option 09 from the SOQ Archival Menu. After selecting option 09, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be duplicated and the output queue to which spool files are to be duplicated. If *ALL is specified as the output queue from which spool files are to be duplicated, spool files will be duplicated from all output queues. If *FRMOUTQ is specified as the output queue to which spool files are to be duplicated, the duplicate spool files will be placed in the same output queue as their originals.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be duplicated will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

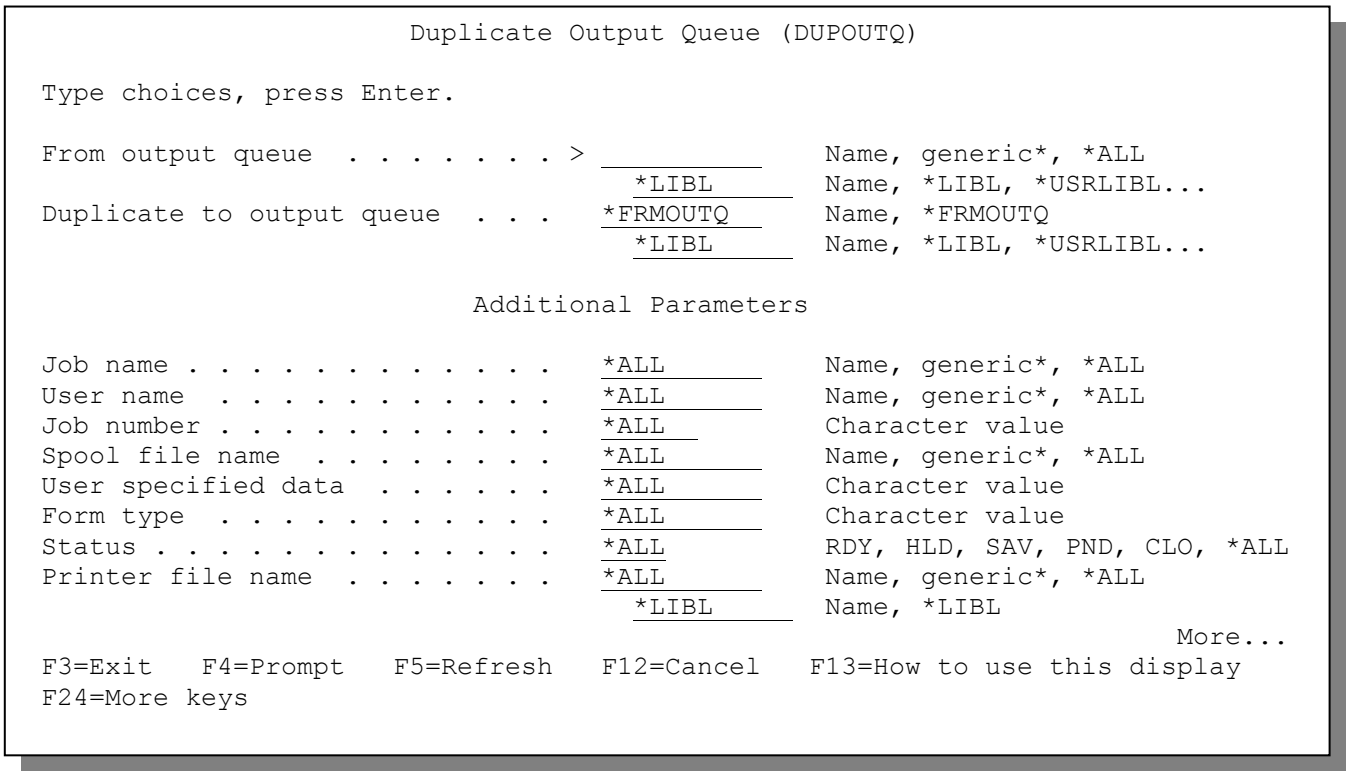
Duplicate to output queue - This field determines the output queue in which the duplicate spool files will be placed. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **DUPOUTQ** prompt screen, the extended **DUPOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be duplicated. The first of these three screens is shown below.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be duplicated will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Duplicate to output queue - This field determines the output queue in which the duplicate spool files will be placed. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Job name - This field indicates the name of the job that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all jobs are duplicated. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all users are duplicated. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all job numbers are duplicated. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be duplicated. If *ALL is specified, spool files of any name are duplicated. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

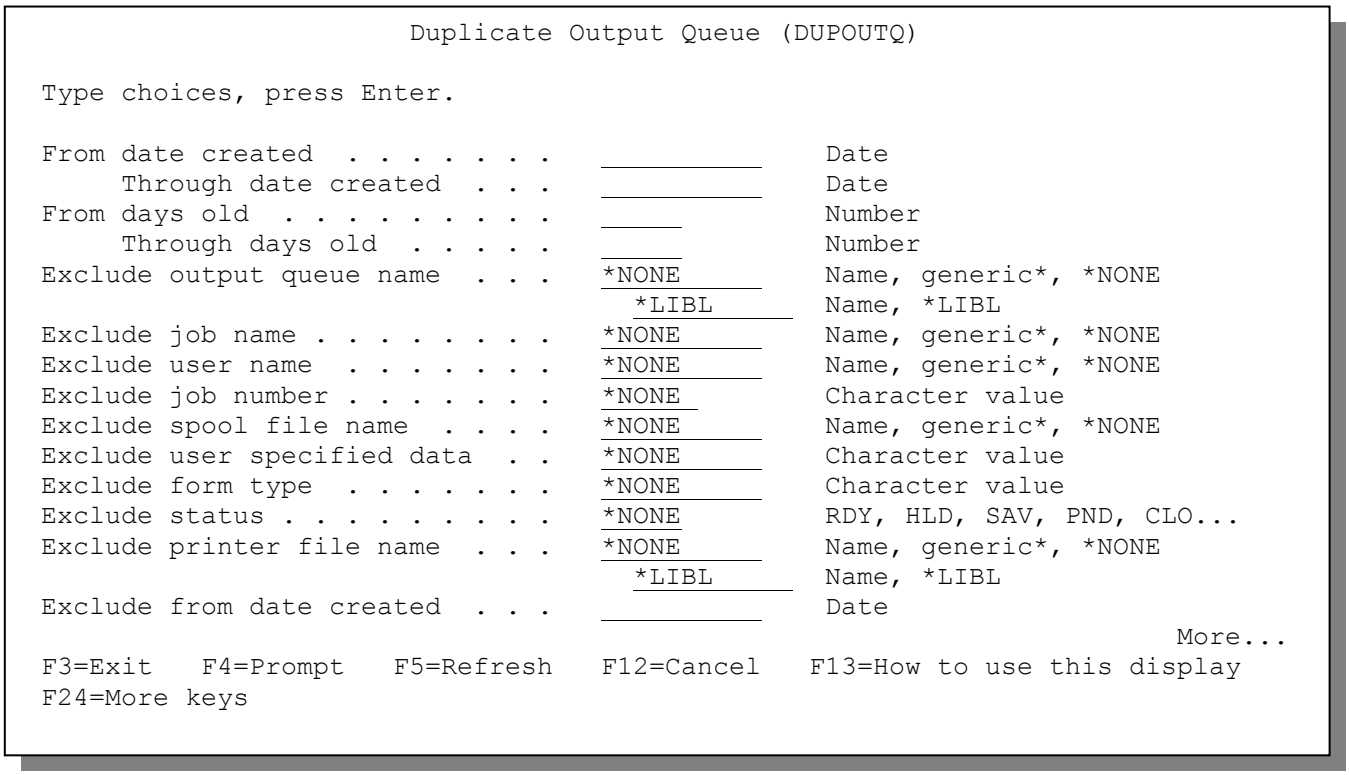
Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be duplicated. If *ALL is specified, spool files created by all printer files are duplicated. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **DUPOUTQ** prompt screen, the second extended **DUPOUTQ** prompt screen can be accessed. An example of the second extended **DUPOUTQ** prompt screen is shown below.



Field Definitions

From date created - This field indicates the beginning of the date range to be used while duplicating the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files created on all dates are duplicated. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while duplicating the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files created on all dates are duplicated. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while duplicating the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files of all ages are duplicated. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while duplicating the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files of all ages are duplicated. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the duplication process. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the duplication process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the duplication process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the duplication process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the duplication process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the duplication process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the duplication process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

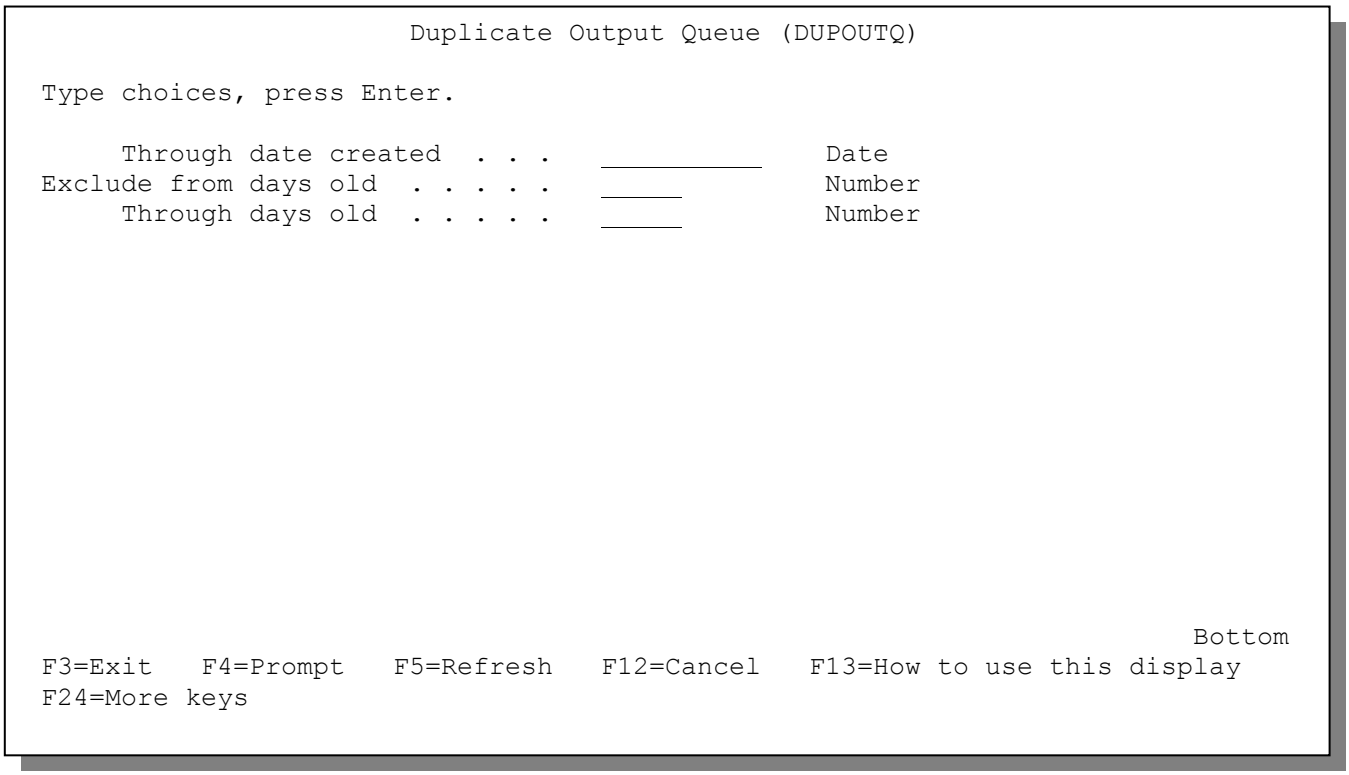
Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the duplication process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **DUPOUTQ** prompt screen, the third extended **DUPOUTQ** prompt screen can be accessed. An example of the third extended **DUPOUTQ** prompt screen is shown below.



Field Definitions

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the duplication process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each duplication function performed using option 09 from the SOQ Archival Menu will produce a Spool Files Duplicated report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Duplicated reports. This report will indicate which spool files, if any, were not duplicated and why they were not duplicated. This report may also be useful for determining the output queue to which a specific spool file was duplicated. An example of the Spool Files Duplicated report is shown below.

```
         RUN DATE: 10/11/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 15:14:13                    S A V E   O U T P U T   Q U E U E                         PGM: SOR170
                                                    SPOOL FILES DUPLICATED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ----------  --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
RSTOUTQCP  000273 DSP01      QSECOFR    004307     29 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000277 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000283 DSP01      QSECOFR    004307     45 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000013 QPRTJOB    QSECOFR    018686     45 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR010D    000001 SOR010D    QSECOFR    002034     13 REPORT1               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR0602    000001 SOR0602    QSECOFR    002329     34 REPORT2               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS


 ***         14  SPOOL FILES DUPLICATED.
```

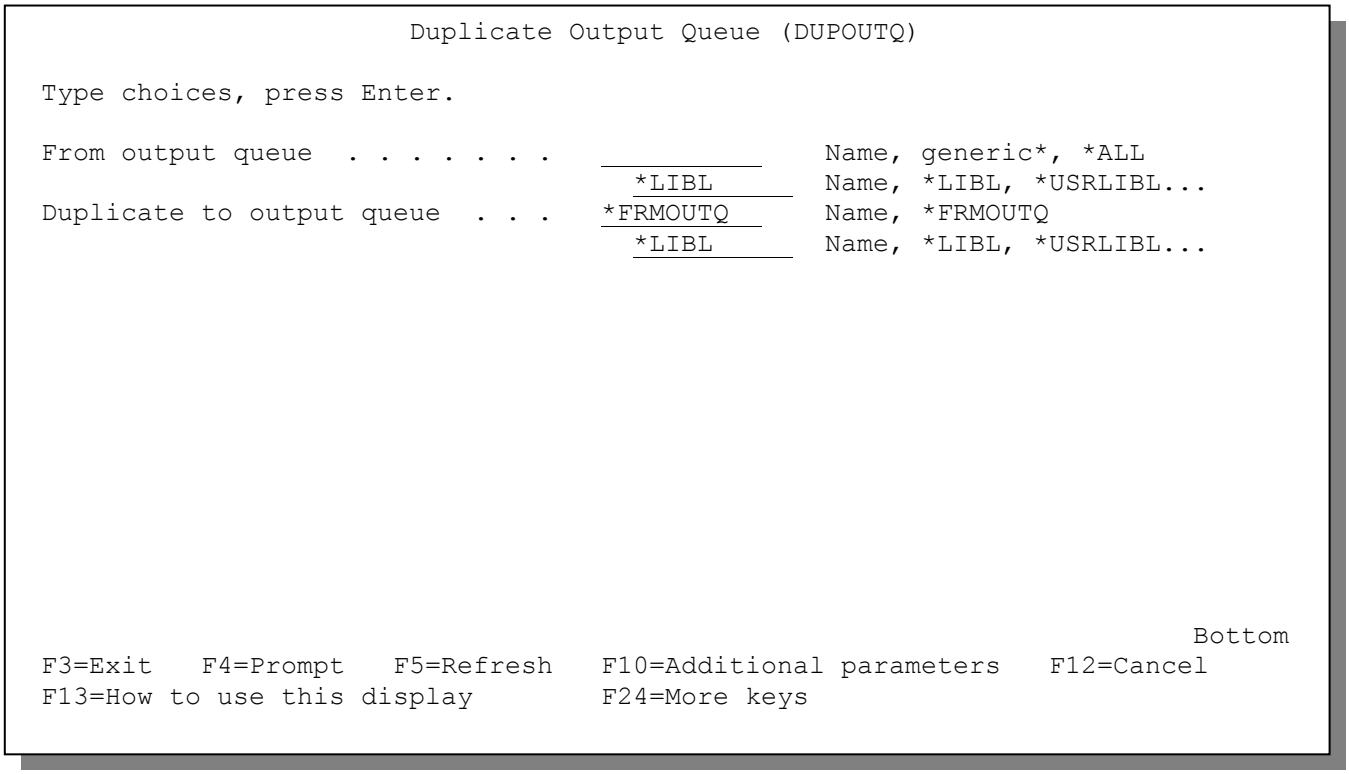
The sample report shown above was produced by SOQ using print format 1.

```
         RUN DATE: 10/11/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 15:16:01                    S A V E   O U T P U T   Q U E U E                         PGM: SOR170
                                                    SPOOL FILES DUPLICATED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
QSTRUP     000272 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000276 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:47 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000279 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:51 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000283 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:56 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
QSTRUP     000002 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:52 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000008 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:05 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR120     000012 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:14 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR120D    000015 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:21 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR0602    000001 SOR0602    QSECOFR    002329 REPORT2     3/30/99 11:03:39 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS


 ***         12  SPOOL FILES DUPLICATED.
```

The sample report shown above was produced by SOQ using print format 2.

DUPLICATE SELECTED SPOOL FILES

To duplicate selected spool files meeting criteria that can be specified on the **DUPOUTQ** command, select option 10 from the SOQ Archival Menu. After selecting option 10, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be duplicated and the output queue to which spool files are to be duplicated. If *ALL is specified as the output queue from which spool files are to be duplicated, spool files will be duplicated from all output queues. If *FRMOUTQ is specified as the output queue to which spool files are to be duplicated, the duplicate spool files will be placed in the same output queue as their originals.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be duplicated will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

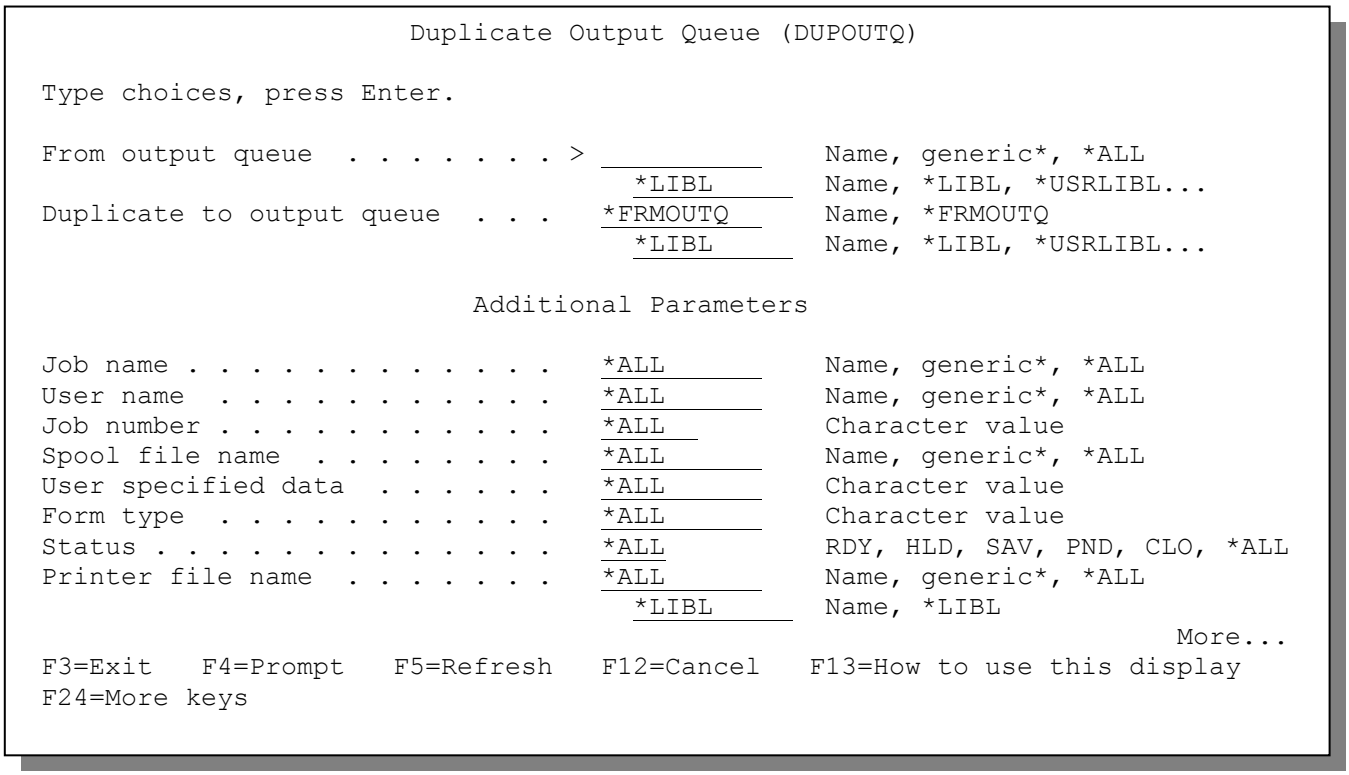
Duplicate to output queue - This field determines the output queue in which the duplicate spool files will be placed. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **DUPOUTQ** prompt screen, the extended **DUPOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be duplicated. The first of these three screens is shown below.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be duplicated will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Duplicate to output queue - This field determines the output queue in which the duplicate spool files will be placed. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Job name - This field indicates the name of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all jobs may be selected. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that may be selected. If *ALL is specified, spool files created by all users may be selected. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all job numbers may be selected. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that may be selected. If *ALL is specified, spool files of any name may be selected. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

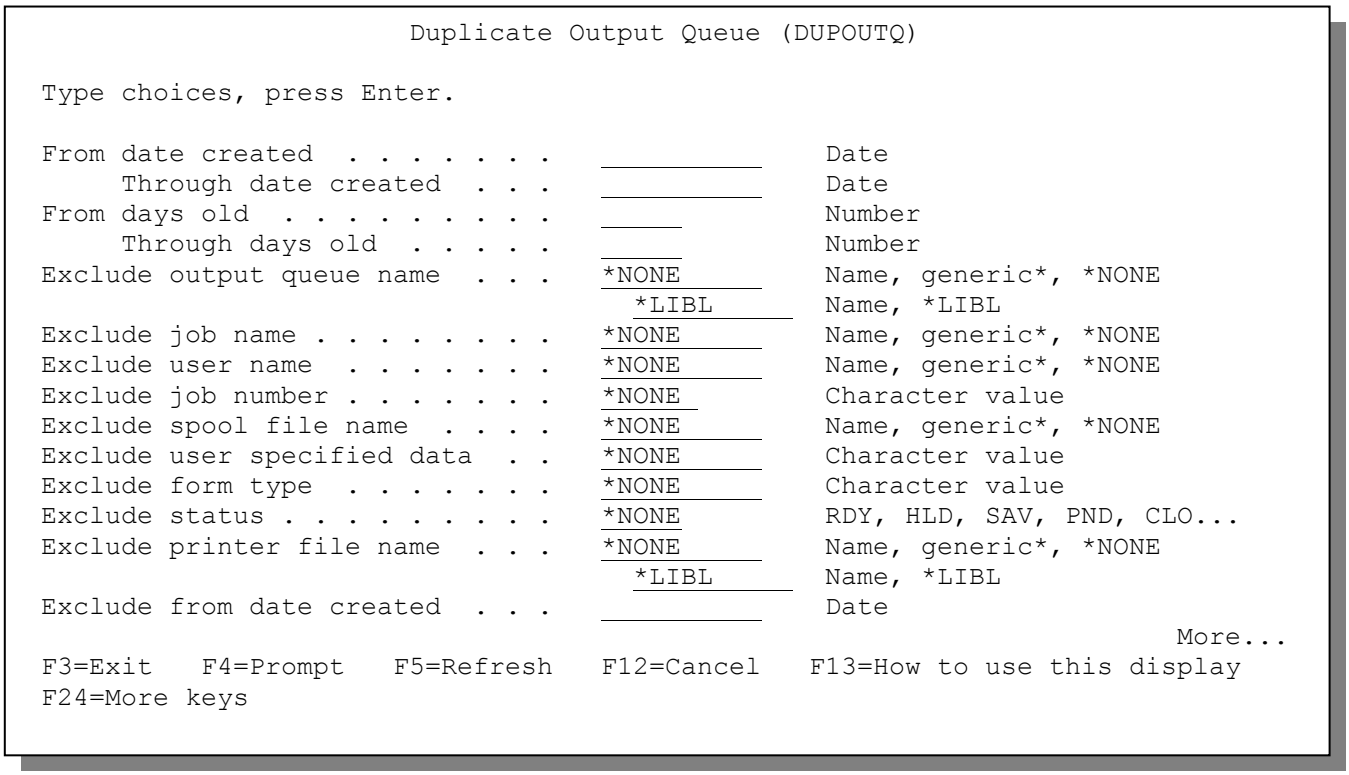
Printer file name - This field indicates the name of the printer file that was used to create all spool files that may be selected. If *ALL is specified, spool files created by all printer files may be selected. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **DUPOUTQ** prompt screen, the second extended **DUPOUTQ** prompt screen can be accessed. An example of the second extended **DUPOUTQ** prompt screen is shown below.



Field Definitions

From date created - This field indicates the beginning of the date range to be used while determining which spool files may be selected to be duplicated. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while determining which spool files may be selected to be duplicated. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while determining which spool files may be selected to be duplicated. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while determining which spool files may be selected to be duplicated. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

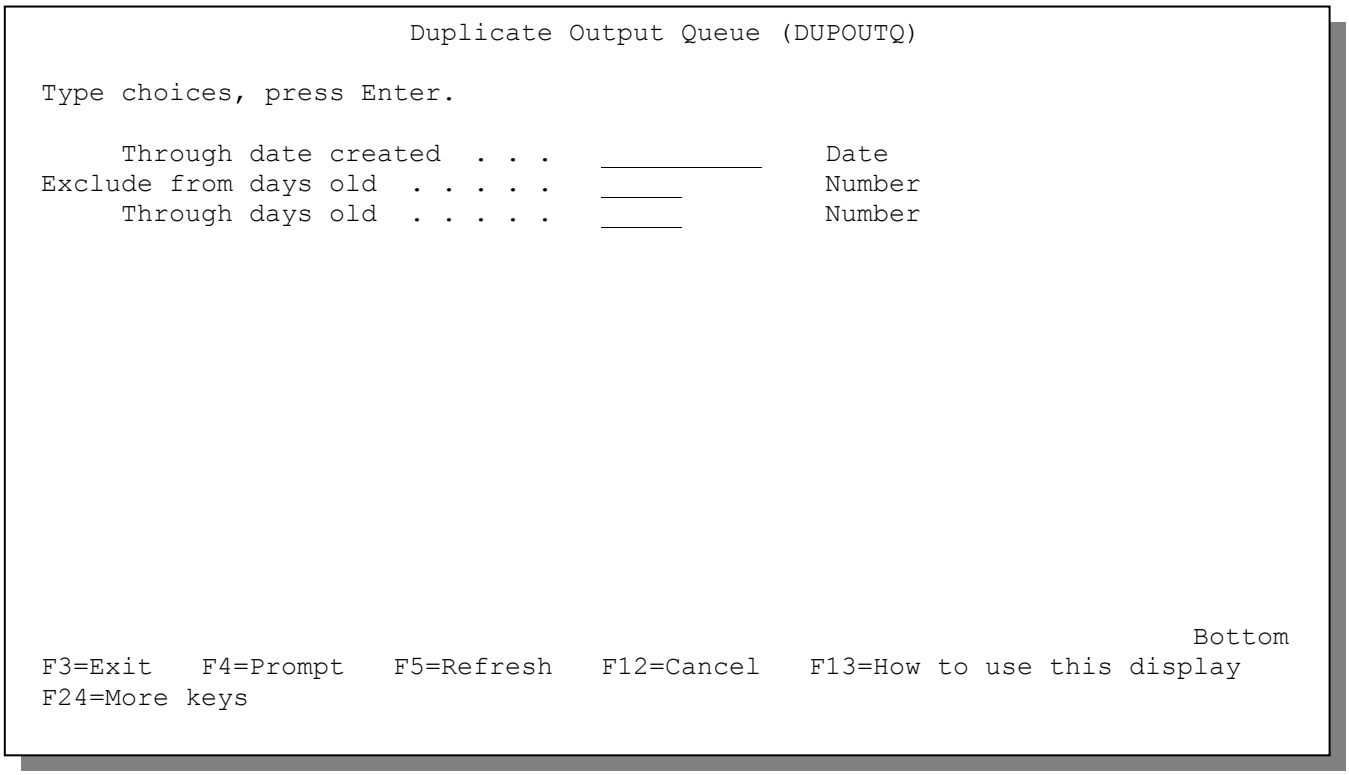
Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **DUPOUTQ** prompt screen, the third extended **DUPOUTQ** prompt screen can be accessed. An example of the third extended **DUPOUTQ** prompt screen is shown below.



Field Definitions

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **DUPOUTQ** prompt screen, the Select Spool Files To Be Duplicated screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Duplicated screen lists all spool files that met the criteria specified on the **DUPOUTQ** prompt screens. This screen allows you to select specific spool files to be duplicated, displayed, or have their attributes displayed.

```
 SOR160                        Your Company Name Here                        3/08/97
 SOR160D                  S A V E   O U T P U T   Q U E U E                 16:11:55
                        Select Spool Files To Be Duplicated

 Type options, press Enter.
 1=Select   5=Display spool file   8=Display attributes

Opt File        Nbr    Job Name   User        Number Pages  Sts  Cpy Form Type
 _  SNDMSG      000001 SNDMSG     QSECOFR     027230 000004 HLD  001 *STD
 _  QSYSPRT     000019 W2         QSECOFR     027201 000001 HLD  001 *STD
 _  QSYSPRT     000020 W2         QSECOFR     027201 000001 HLD  001 *STD
 _  QSYSPRT     000021 W2         QSECOFR     027201 000001 HLD  001 *STD
 _  QSYSPRT     000022 W2         QSECOFR     027201 000001 HLD  001 *STD
 _  QSYSPRT     000023 W2         QSECOFR     027201 000001 HLD  001 *STD
 _  QSYSPRT     000006 W2         QSECOFR     027240 000001 MSGW 001 *STD
 _  QSYSPRT     000007 W2         QSECOFR     027240 000001 RDY  001 *STD
 _  QSYSPRT     000008 W2         QSECOFR     027240 000001 RDY  001 *STD


                                                                      Bottom

 F1=Help   F3=Exit   F5=Display duplicate criteria   F11=View 2
 F12=Cancel   F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be duplicated, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be duplicated, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User - This field indicates the name of the user that created the spool file.

Number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **DUPOUTQ** command to be displayed.

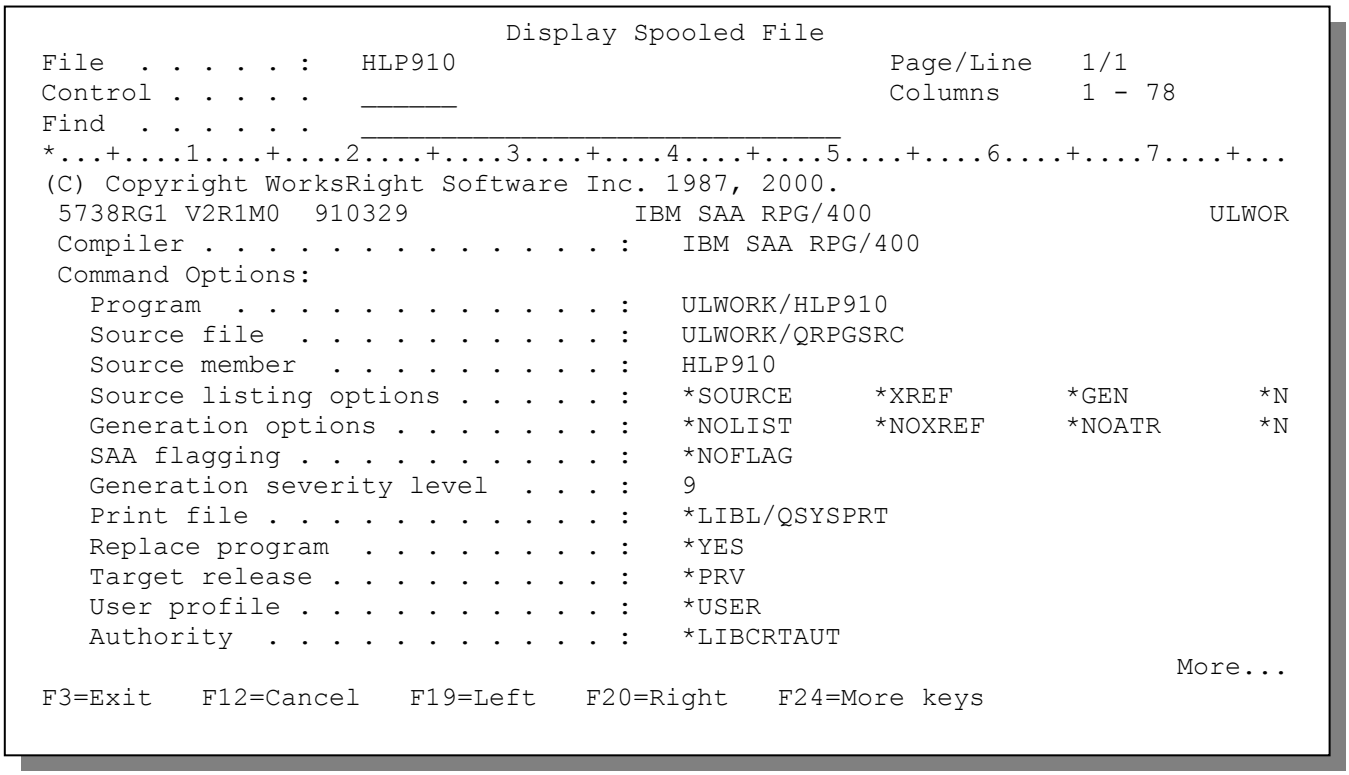
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Duplicated screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



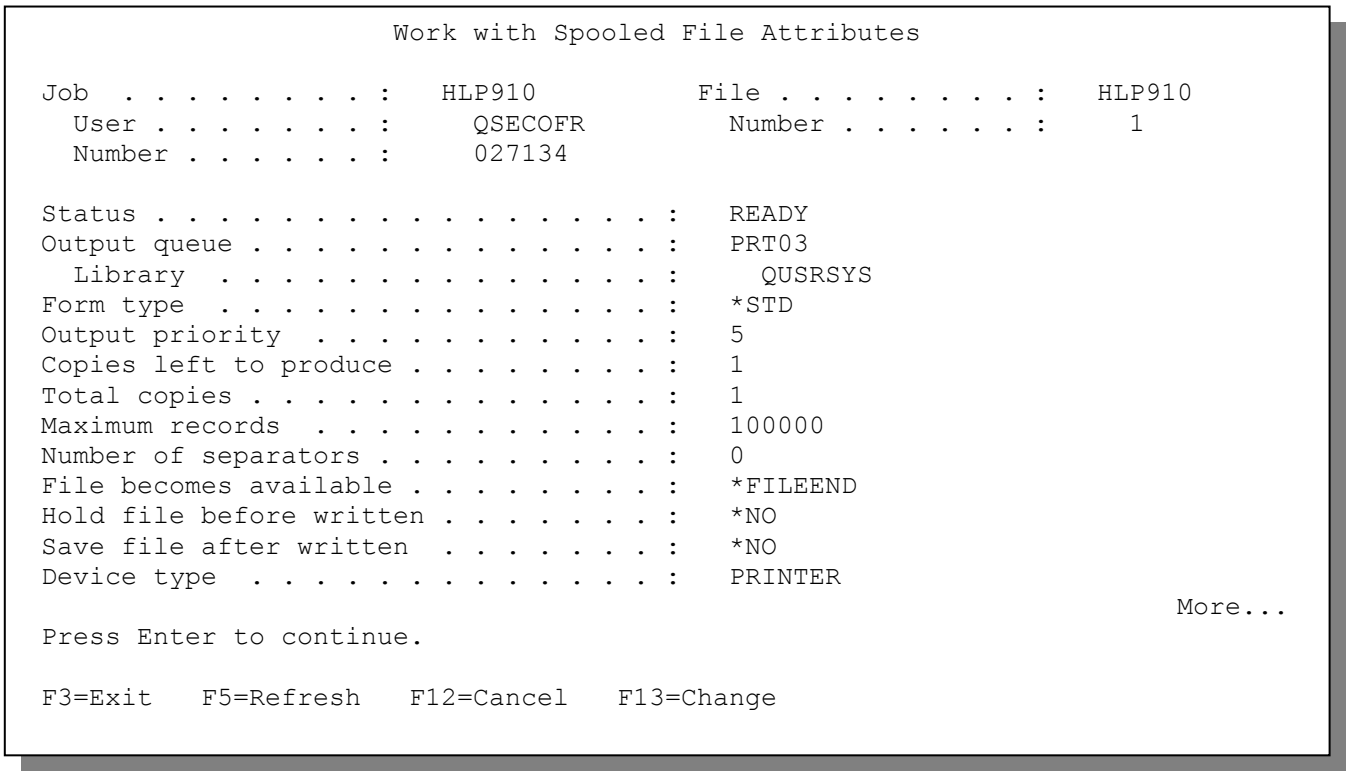
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Duplicated screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                    More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

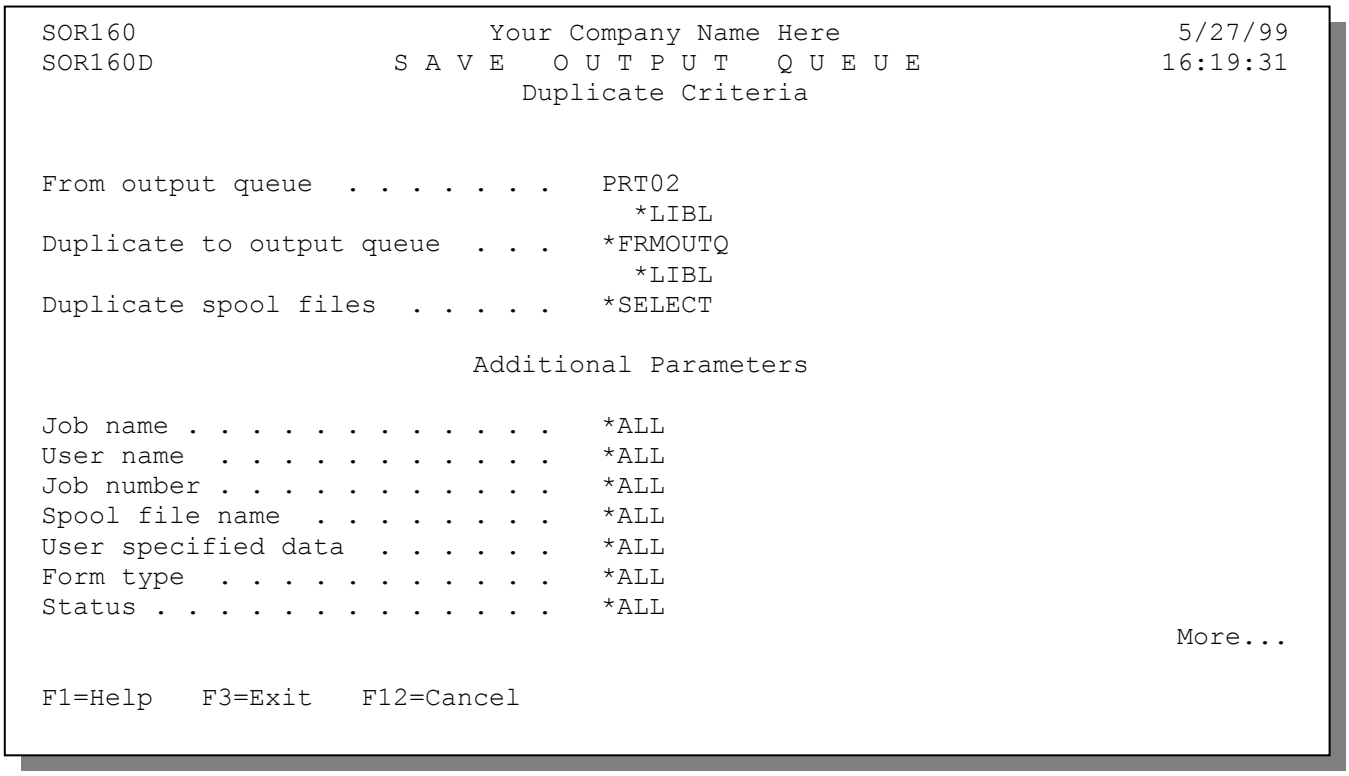
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Duplicated screen, the first of three Duplicate Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DUPOUTQ** command prompt screen. An example of the first Duplicate Criteria screen is shown below.



Field Definitions

From output queue - This parameter determines the output queue from which the spool files to be duplicated will be selected.

Duplicate to output queue - This parameter determines the output queue in which the duplicate spool files will be placed.

Duplicate spool files - This parameter determines whether SOQ will duplicate all spool files that meet the criteria specified or allow you to select specific spool files to duplicate from a list of spool files that meet the criteria specified.

Job name - This parameter indicates the name of the job that created all spool files that are to be duplicated.

User name - This parameter indicates the name of the user that created all spool files that are to be duplicated.

Job number - This parameter indicates the number of the job that created all spool files that are to be duplicated.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be duplicated.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be duplicated.

Form type - This parameter indicates the form type shared by all spool files that are to be duplicated.

Status - This parameter indicates the spool file status shared by all spool files that are to be duplicated.

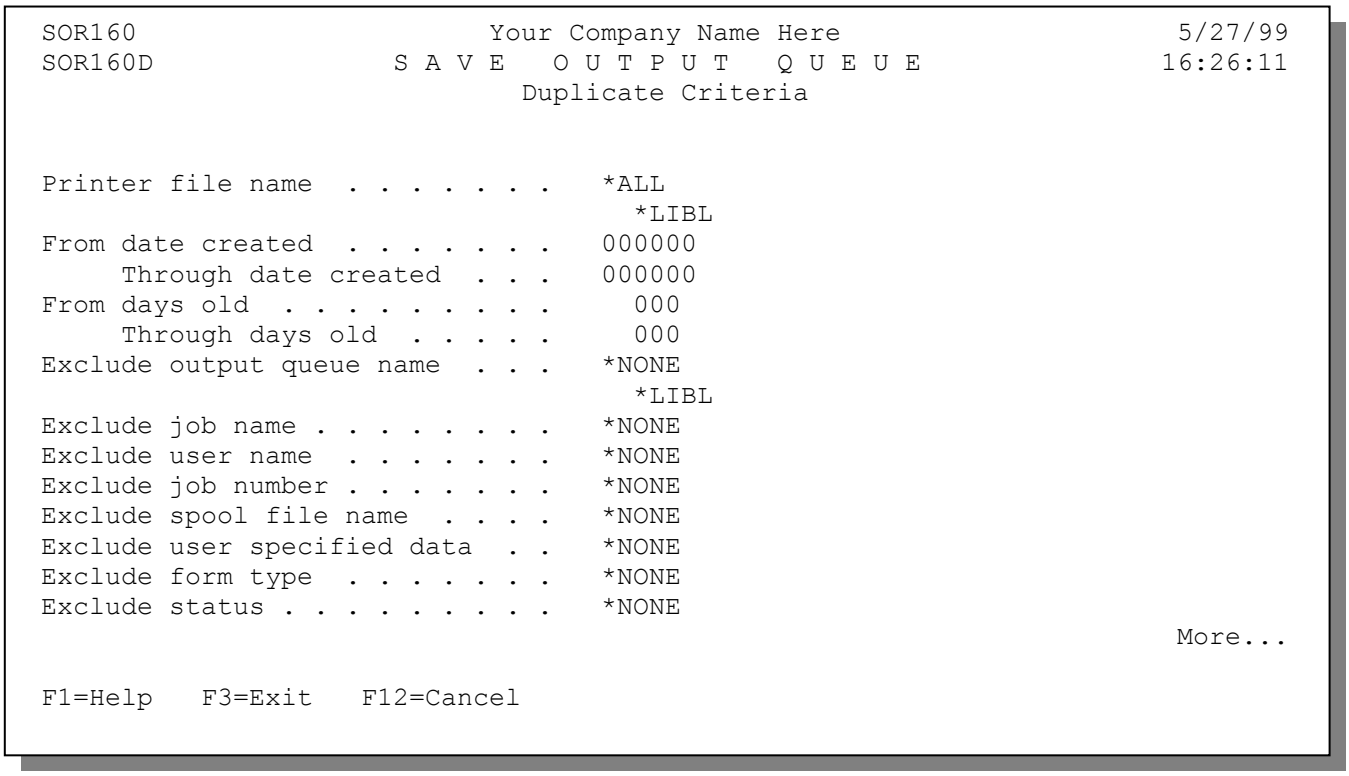
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the first Duplicate Criteria screen, the second of three Duplicate Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DUPOUTQ** command prompt screen. An example of the second Duplicate Criteria screen is shown below.



Field Definitions

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be duplicated.

From date created - This parameter indicates the beginning of the date range during which all spool files to be duplicated were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be duplicated were created.

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be duplicated.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be duplicated.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from the duplication process.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the duplication process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the duplication process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the duplication process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the duplication process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the duplication process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the duplication process.

Exclude status - This parameter indicates the status shared by all spool files that are to be excluded from the duplication process.

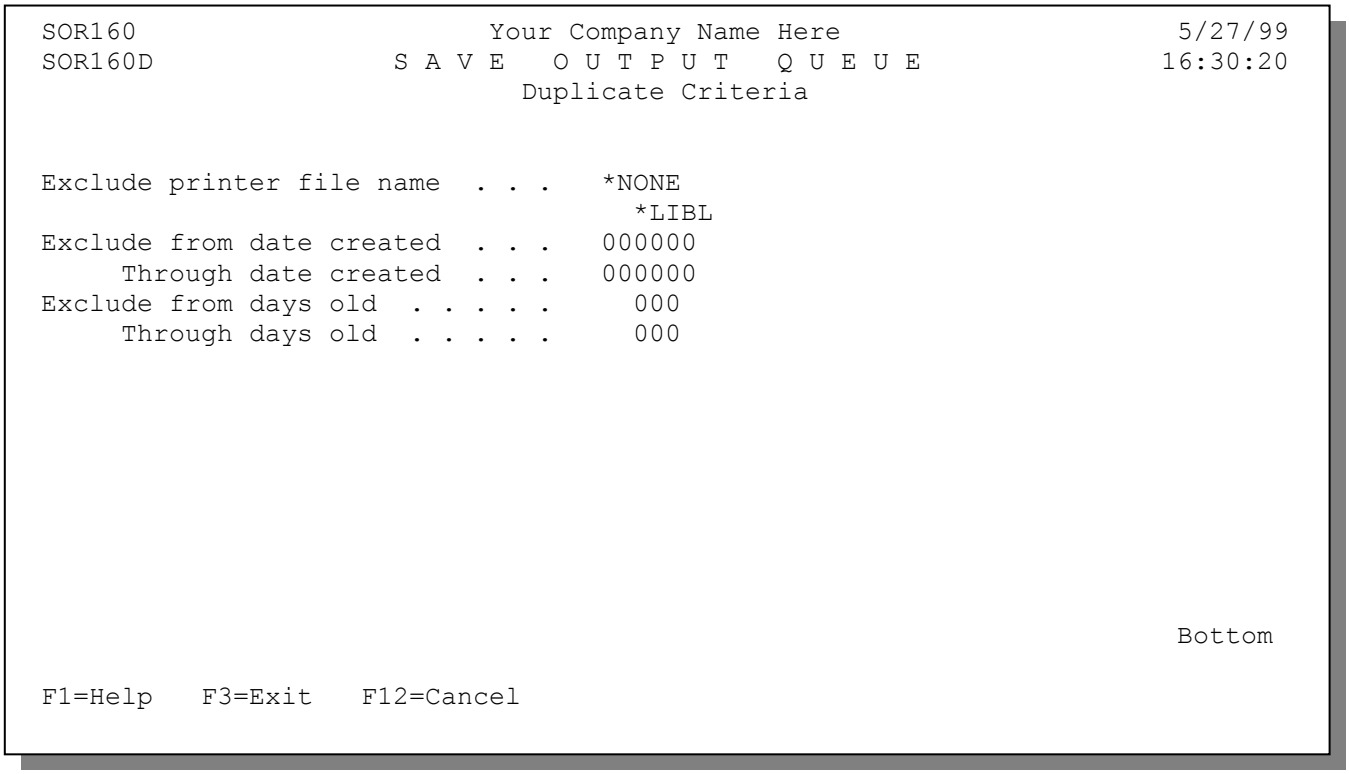
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the second Duplicate Criteria screen, the third of three Duplicate Criteria screens can be accessed. These screens allow you to review the criteria specified on the **DUPOUTQ** command prompt screen. An example of the third Duplicate Criteria screen is shown below.



Field Definitions

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the duplication process.

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the duplication process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the duplication process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each duplication function performed using option 10 from the SOQ Archival Menu will produce a Spool Files Duplicated report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Duplicated reports. This report will indicate which spool files, if any, were not duplicated and why they were not duplicated. This report may also be useful for determining the output queue to which a specific spool file was duplicated. An example of the Spool Files Duplicated report is shown below.

```
         RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
         RUN TIME: 15:14:13                  S A V E   O U T P U T   Q U E U E                       PGM: SOR170
                                                  SPOOL FILES DUPLICATED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ----------

SMPRINT    000003 BACKUP     QSYSOPR    004459      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
RSTOUTQCP  000273 DSP01      QSECOFR    004307     29 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000277 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000283 DSP01      QSECOFR    004307     45 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000013 QPRTJOB    QSECOFR    018686     45 *STD                  QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR010D    000001 SOR010D    QSECOFR    002034     13 REPORT1               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR0602    000001 SOR0602    QSECOFR    002329     34 REPORT2               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR225     000001 SOR225     QSECOFR    002042     11 REPORT3               QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS


 ***         14  SPOOL FILES DUPLICATED.
```

The sample report shown above was produced by SOQ using print format 1.

```
         RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
         RUN TIME: 15:16:01                  S A V E   O U T P U T   Q U E U E                       PGM: SOR170
                                                  SPOOL FILES DUPLICATED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- ----------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
QSTRUP     000272 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000276 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:47 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000279 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:51 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR120     000283 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:56 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
QSTRUP     000002 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:52 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR030     000008 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:05 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR120     000012 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:14 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SOR120D    000015 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:21 QPRINT     QGPL       DUPED TO - *LIBL     /QPRINTS
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS
SOR0602    000001 SOR0602    QSECOFR    002329 REPORT2     3/30/99 11:03:39 QPRINT     QUSRSYS    DUPED TO - *LIBL     /QPRINTS


 ***         12  SPOOL FILES DUPLICATED.
```

The sample report shown above was produced by SOQ using print format 2.

MOVE SPOOL FILES

To move all spool files meeting criteria that can be specified on the **MOVOUTQ** command, select option 11 from the SOQ Archival Menu. After selecting option 11, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be moved and the output queue to which spool files are to be moved. If *ALL is specified as the output queue from which spool files are to be moved, spool files will be moved from all output queues.

```
                          Move Output Queue (MOVOUTQ)

Type choices, press Enter.

From output queue  . . . . . .   __________     Name, generic*, *ALL
                                   *LIBL        Name, *LIBL, *USRLIBL...
Move to output queue . . . . . .  __________     Name
                                   *LIBL        Name, *LIBL, *USRLIBL...









                                                                      Bottom
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display        F24=More keys
```

Field Definitions

From output queue - This field determines the output queue from which the spool files to be moved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

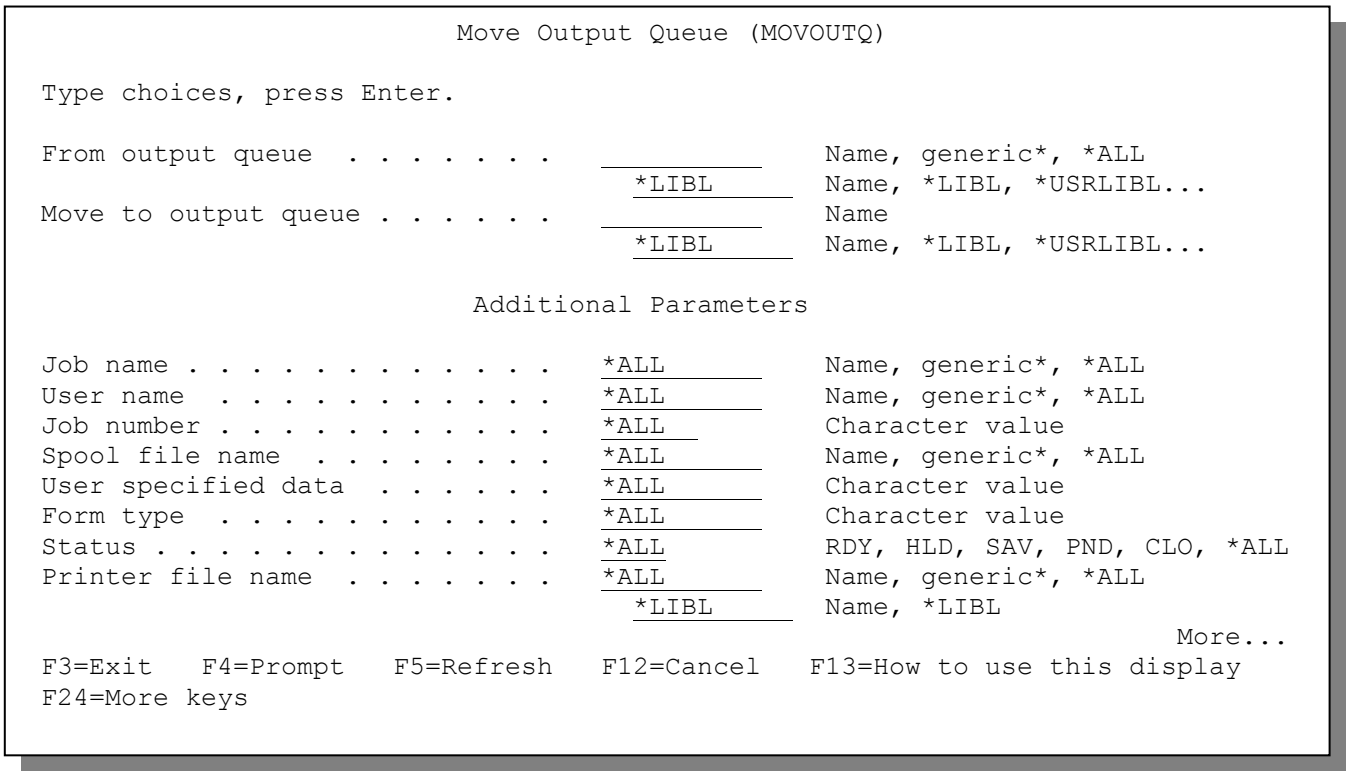
Move to output queue - This field determines the output queue to which the spool files will be moved. Valid values are any valid output queue name. The output queue must currently exist in the library specified, as this field is edited.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **MOVOUTQ** prompt screen, the extended **MOVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be moved. The first of these three screens is shown below.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be moved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Move to output queue - This field determines the output queue to which the spool files will be moved. Valid values are any valid output queue name. The output queue must currently exist in the library specified, as this field is edited.

Job name - This field indicates the name of the job that created all spool files that are to be moved. If *ALL is specified, spool files created by all jobs are moved. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be moved. If *ALL is specified, spool files created by all users are moved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be moved. If *ALL is specified, spool files created by all job numbers are moved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be moved. If *ALL is specified, spool files of any name are moved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

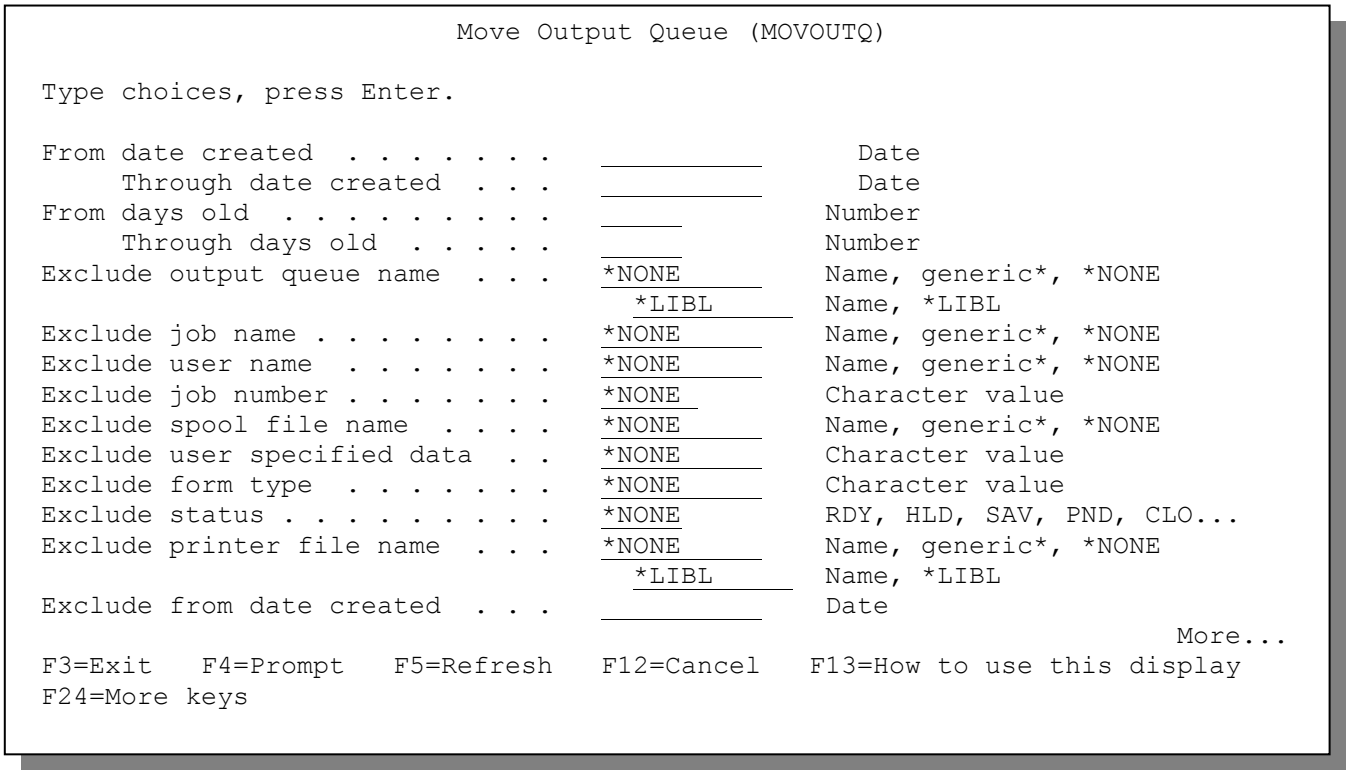
Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be moved. If *ALL is specified, spool files created by all printer files are moved. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **MOVOUTQ** prompt screen, the second extended **MOVOUTQ** prompt screen can be accessed. An example of the second extended **MOVOUTQ** prompt screen is shown below.



```
                        Move Output Queue (MOVOUTQ)

Type choices, press Enter.

From date created  . . . . . .              Date
     Through date created  . . .            Date
From days old  . . . . . .                  Number
     Through days old  . . . . .            Number
Exclude output queue name  . . .  *NONE     Name, generic*, *NONE
                                    *LIBL   Name, *LIBL
Exclude job name . . . . . .      *NONE     Name, generic*, *NONE
Exclude user name  . . . . . .    *NONE     Name, generic*, *NONE
Exclude job number . . . . . .    *NONE     Character value
Exclude spool file name  . . . .  *NONE     Name, generic*, *NONE
Exclude user specified data  . .  *NONE     Character value
Exclude form type  . . . . . .    *NONE     Character value
Exclude status . . . . . .        *NONE     RDY, HLD, SAV, PND, CLO...
Exclude printer file name  . . .  *NONE     Name, generic*, *NONE
                                    *LIBL   Name, *LIBL
Exclude from date created  . . .            Date
                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

From date created - This field indicates the beginning of the date range to be used while moving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files created on all dates are moved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while moving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files created on all dates are moved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while moving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files of all ages are moved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while moving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files of all ages are moved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the move process. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the move process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the move process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the move process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the move process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the move process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the move process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

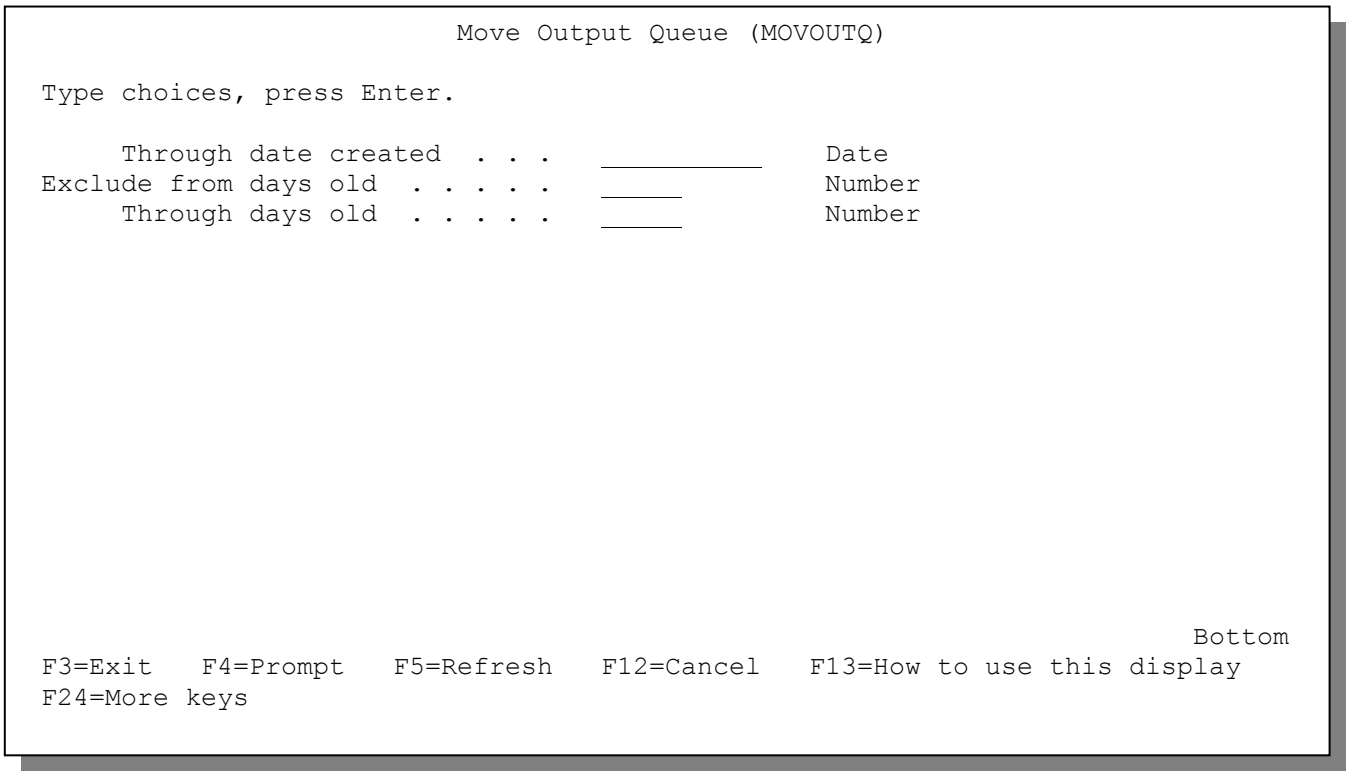
Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the move process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **MOVOUTQ** prompt screen, the third extended **MOVOUTQ** prompt screen can be accessed. An example of the third extended **MOVOUTQ** prompt screen is shown below.



Field Definitions

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the move process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date must be greater than or equal to the exclude from date. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the move process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the exclude through days old. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the move process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the exclude from days old. If this field is left blank, no spool files are excluded based upon age.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each move function performed using option 11 from the SOQ Archival Menu will produce a Spool Files Moved report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Moved reports. This report will indicate which spool files, if any, were not moved and why they were not moved. This report may also be useful for determining the output queue from which a specific spool file was moved. An example of the Spool Files Moved report is shown below.

```
         RUN DATE: 10/11/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 14:57:51                    S A V E   O U T P U T   Q U E U E                         PGM: SOR390
                                                     SPOOL FILES MOVED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                 --- OUTPUT QUEUE ----
FILE NAME  NUMBER  NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
RSTOUTQCP  000273 DSP01      QSECOFR    004307     29 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000277 DSP01      QSECOFR    004307     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR120     000283 DSP01      QSECOFR    004307     45 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR120     000013 QPRTJOB    QSECOFR    018686     45 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SMPRINT    000152 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR0602    000001 SOR0602    QSECOFR    002329     34 REPORT2               QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT


 ***         12  SPOOL FILES MOVED.
```

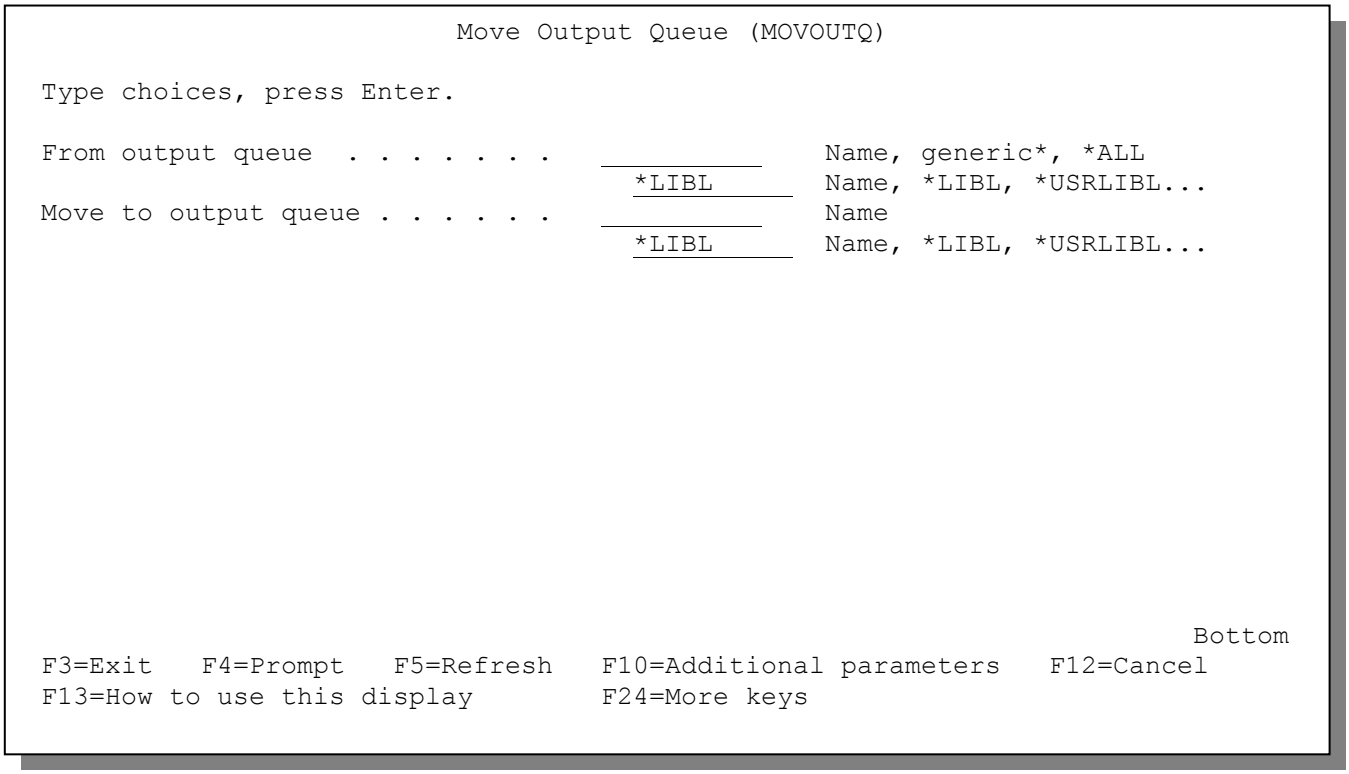
The sample report shown above was produced by SOQ using print format 1.

```
         RUN DATE: 10/12/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 14:26:45                    S A V E   O U T P U T   Q U E U E                         PGM: SOR390
                                                     SPOOL FILES MOVED

         JOB NAME.....: DSP01
         USER NAME....: QSYSOPR
         JOB NUMBER...: 019947

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR120D    000284 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:57 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOMAXOLH   000065 DSP01      QSECOFR    019854 REPORT3    10/11/99 15:24:09 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR010D    000079 DSP01      QSECOFR    019854 REPORT1    10/11/99 15:31:36 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030D    000061 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:57 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR120K    000075 DSP01      QSECOFR    019854 *STD       10/11/99 15:31:18 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       MOVED TO - *LIBL     /QPRINTS
SMPRINT    000161 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:30:56 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS


 ***         12  SPOOL FILES MOVED.
```

The sample report shown above was produced by SOQ using print format 2.

MOVE SELECTED SPOOL FILES

To move selected spool files meeting criteria that can be specified on the **MOVOUTQ** command, select option 12 from the SOQ Archival Menu. After selecting option 12, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be moved and the output queue to which spool files are to be moved. If *ALL is specified as the output queue from which spool files are to be moved, spool files will be moved from all output queues.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be moved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

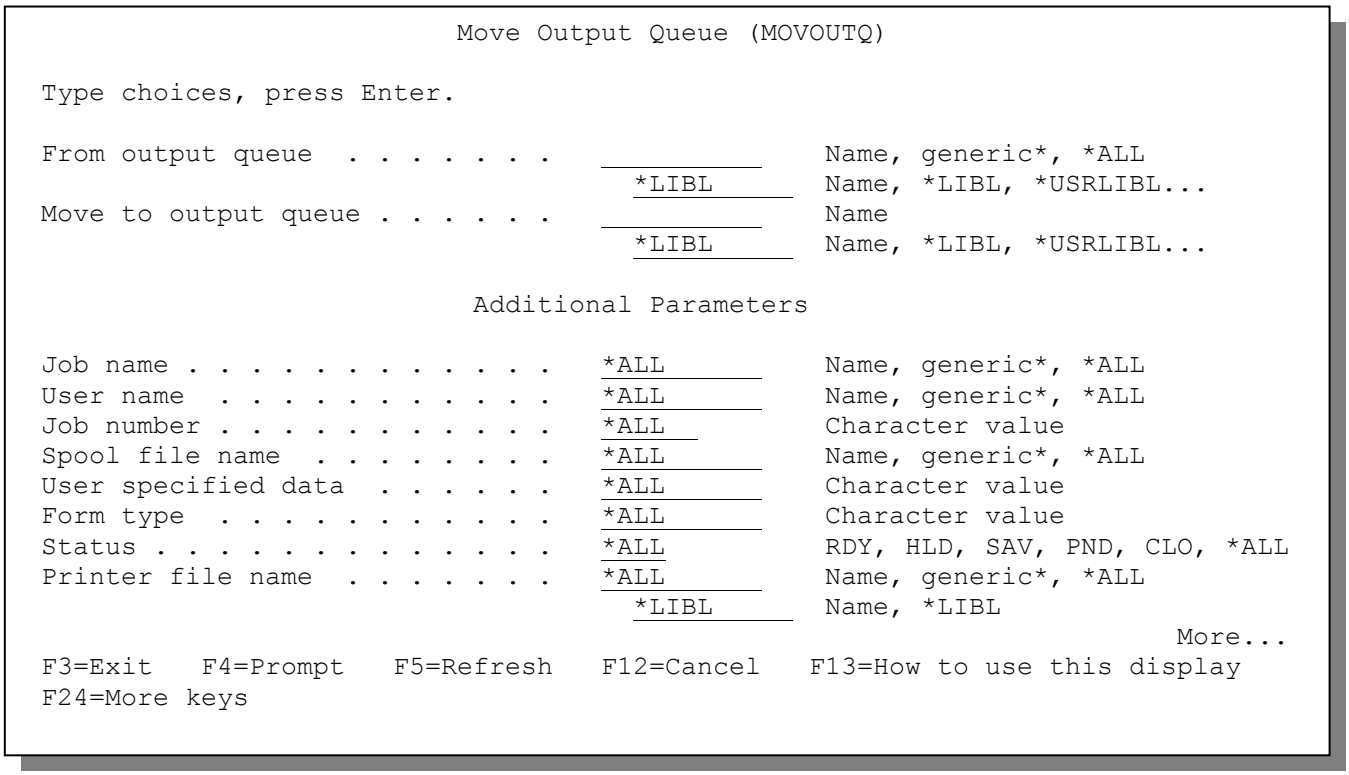
Move to output queue - This field determines the output queue to which the spool files will be moved. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **MOVOUTQ** prompt screen, the extended **MOVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be moved. The first of these three screens is shown below.



Field Definitions

From output queue - This field determines the output queue from which the spool files to be moved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Move to output queue - This field determines the output queue to which the spool files will be moved. Valid values are any valid output queue name. The output queue must currently exist in the library specified, as this field is edited.

Job name - This field indicates the name of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all jobs may be selected. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that may be selected. If *ALL is specified, spool files created by all users may be selected. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that may be selected. If *ALL is specified, spool files created by all job numbers may be selected. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that may be selected. If *ALL is specified, spool files of any name may be selected. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that may be selected. If *ALL is specified, spool files may be selected regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

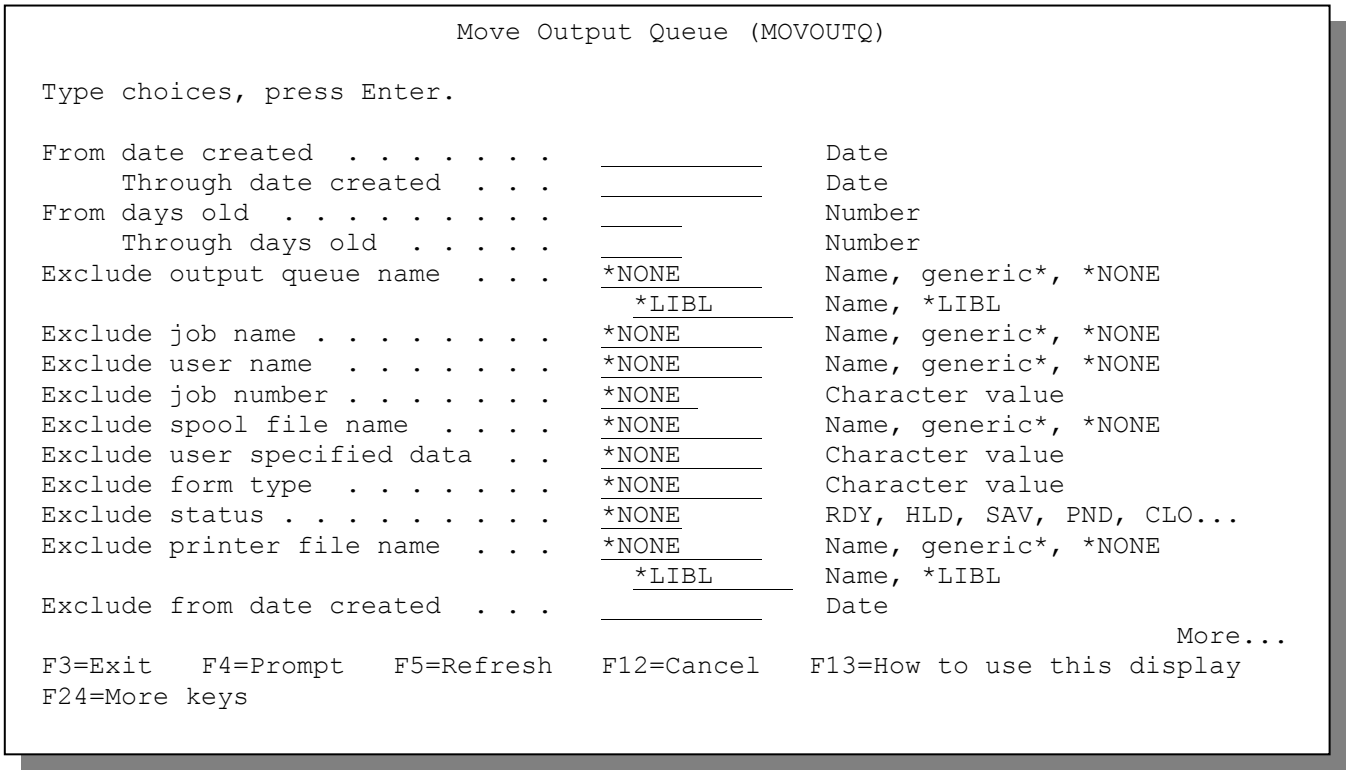
Printer file name - This field indicates the name of the printer file that was used to create all spool files that may be selected. If *ALL is specified, spool files created by all printer files may be selected. Valid values are any valid printer file name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **MOVOUTQ** prompt screen, the second extended **MOVOUTQ** prompt screen can be accessed. An example of the second extended **MOVOUTQ** prompt screen is shown below.



Field Definitions

From date created - This field indicates the beginning of the date range to be used while determining which spool files may be selected to be moved. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while determining which spool files may be selected to be moved. Each spool file's creation date is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files created on all dates may be selected. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while determining which spool files may be selected to be moved. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while determining which spool files may be selected to be moved. Each spool file's age (in days) is compared to this range to determine if the spool file may be selected. If this field is left blank, spool files of all ages may be selected. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

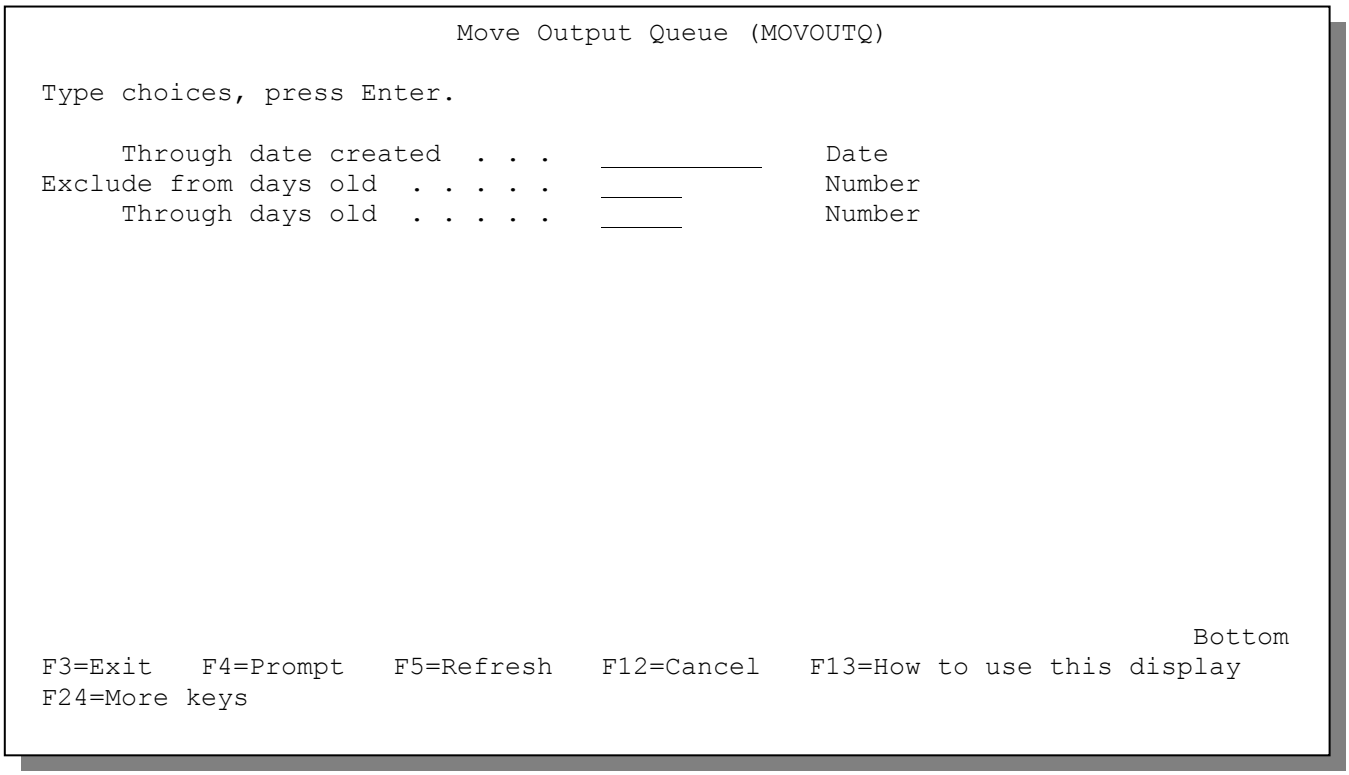
Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **MOVOUTQ** prompt screen, the third extended **MOVOUTQ** prompt screen can be accessed. An example of the third extended **MOVOUTQ** prompt screen is shown below.



Field Definitions

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **MOVOUTQ** prompt screen, the Select Spool Files To Be Moved screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Moved screen lists all spool files that met the criteria specified on the **MOVOUTQ** prompt screens. This screen allows you to select specific spool files to be moved, displayed, or have their attributes displayed.

```
 SOR380                        Your Company Name Here                        9/30/98
 SOR380D                  S A V E   O U T P U T   Q U E U E                  14:24:08
                            Select Spool Files To Be Moved

 Type options, press Enter.
 1=Select   5=Display Spool File   8=Display Attributes

Opt  File        Nbr     Job Name    User        Number  Pages   Sts   Cpy  Form Type
 _   SNDMSG      000001  SNDMSG      QSECOFR     027230  000004  HLD   001  *STD
 _   QSYSPRT     000019  W2          QSECOFR     027201  000001  HLD   001  *STD
 _   QSYSPRT     000020  W2          QSECOFR     027201  000001  HLD   001  *STD
 _   QSYSPRT     000021  W2          QSECOFR     027201  000001  HLD   001  *STD
 _   QSYSPRT     000022  W2          QSECOFR     027201  000001  HLD   001  *STD
 _   QSYSPRT     000023  W2          QSECOFR     027201  000001  HLD   001  *STD
 _   QSYSPRT     000006  W2          QSECOFR     027240  000001  MSGW  001  *STD
 _   QSYSPRT     000007  W2          QSECOFR     027240  000001  RDY   001  *STD
 _   QSYSPRT     000008  W2          QSECOFR     027240  000001  RDY   001  *STD


                                                                        Bottom

 F1=Help   F3=Exit   F5=Display move criteria   F11=View 2
 F12=Cancel   F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be moved, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be moved, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User - This field indicates the name of the user that created the spool file.

Number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **MOVOUTQ** command to be displayed.

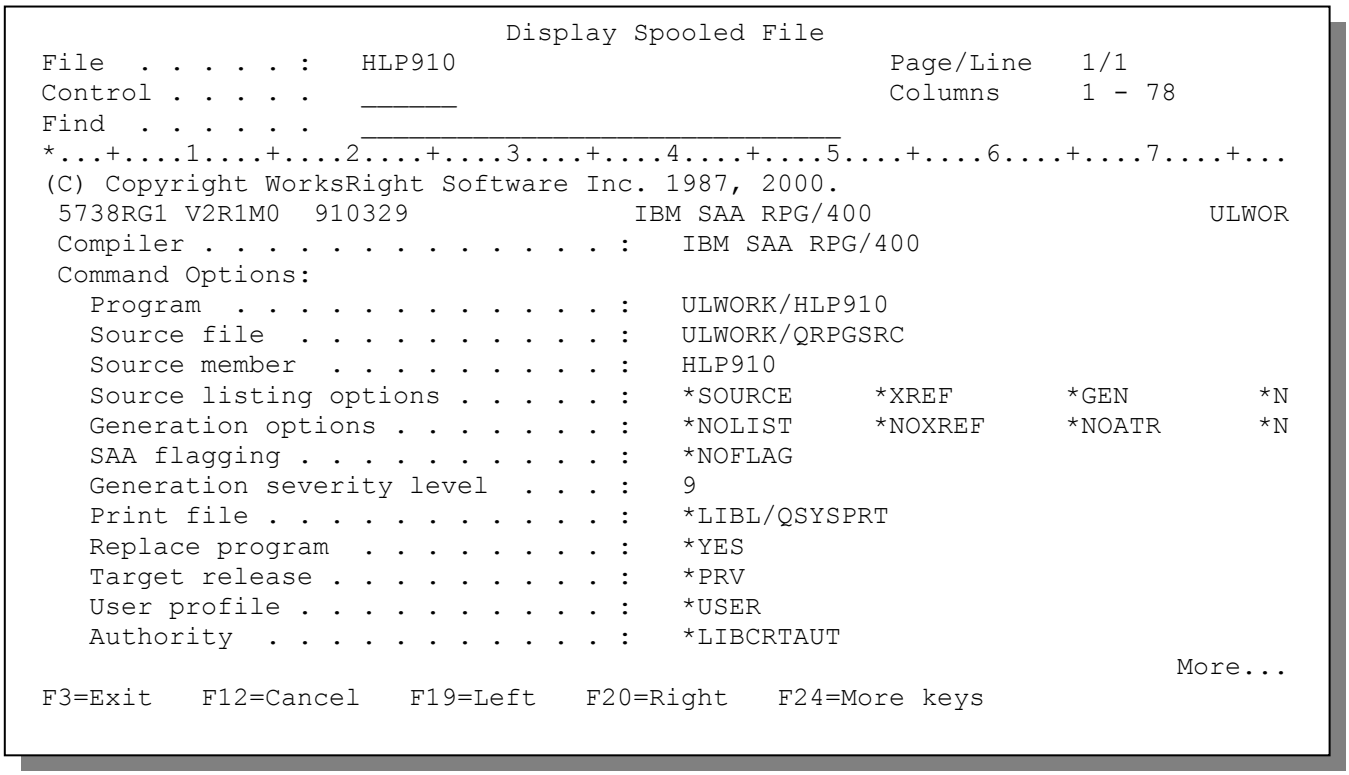
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Moved screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



```
                              Display Spooled File
File  . . . . . :   HLP910                          Page/Line   1/1
Control . . . . .   ______                          Columns     1 - 78
Find  . . . . . .   ____________________________
*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+...
(C) Copyright WorksRight Software Inc. 1987, 2000.
 5738RG1 V2R1M0  910329              IBM SAA RPG/400                     ULWOR
 Compiler . . . . . . . . . . . . . :   IBM SAA RPG/400
 Command Options:
   Program  . . . . . . . . . . . . :   ULWORK/HLP910
   Source file  . . . . . . . . . . :   ULWORK/QRPGSRC
   Source member  . . . . . . . . . :   HLP910
   Source listing options . . . . . :   *SOURCE     *XREF       *GEN        *N
   Generation options . . . . . . . :   *NOLIST     *NOXREF     *NOATR      *N
   SAA flagging . . . . . . . . . . :   *NOFLAG
   Generation severity level  . . . :   9
   Print file . . . . . . . . . . . :   *LIBL/QSYSPRT
   Replace program  . . . . . . . . :   *YES
   Target release . . . . . . . . . :   *PRV
   User profile . . . . . . . . . . :   *USER
   Authority  . . . . . . . . . . . :   *LIBCRTAUT
                                                                      More...
F3=Exit   F12=Cancel   F19=Left   F20=Right   F24=More keys
```

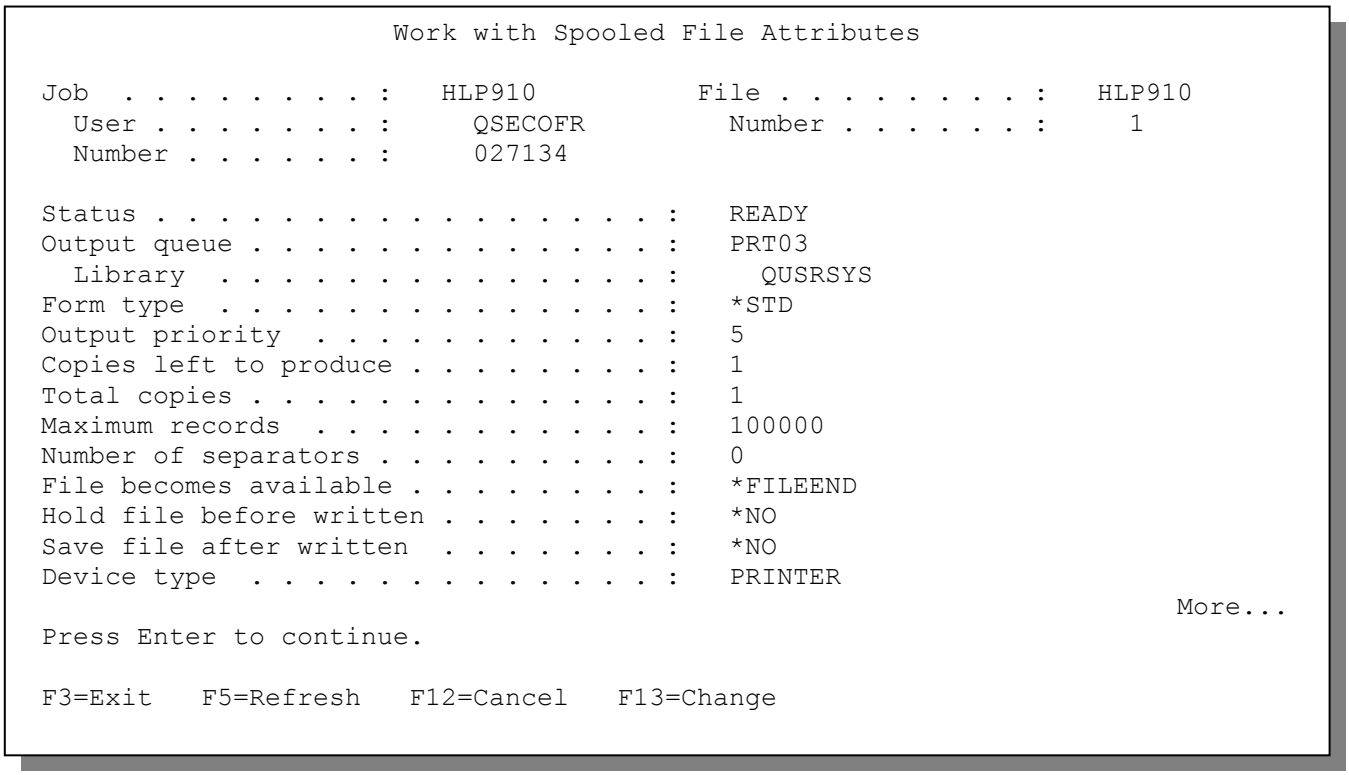
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Moved screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                    More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

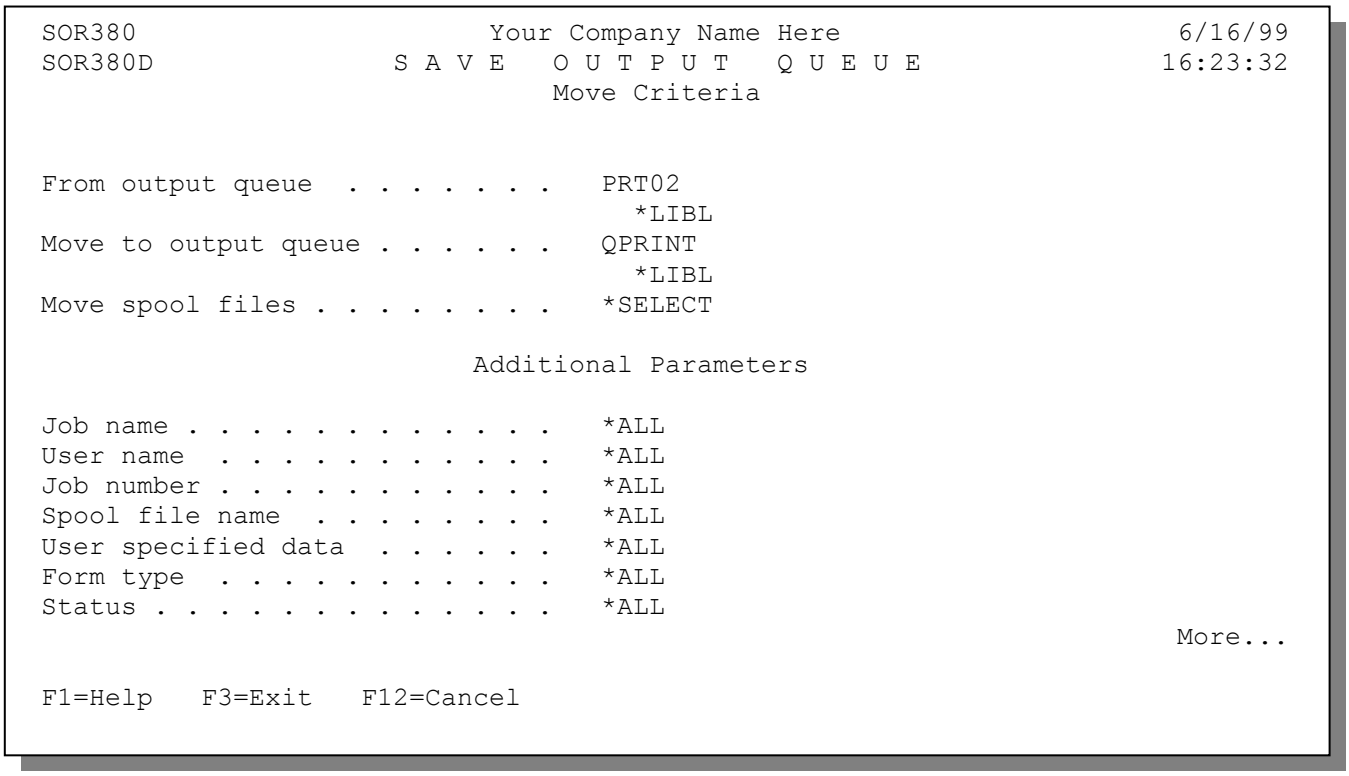
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Moved screen, the first of three Move Criteria screens can be accessed. These screens allow you to review the criteria specified on the **MOVOUTQ** command prompt screen. An example of the first Move Criteria screen is shown below.



Field Definitions

From output queue - This parameter determines the output queue from which the spool files to be moved will be selected.

Move to output queue - This parameter determines the output queue to which the spool files will be moved.

Move spool files - This parameter determines whether SOQ will move all spool files that meet the criteria specified or allow you to select specific spool files to move from a list of spool files that meet the criteria specified.

Job name - This parameter indicates the name of the job that created all spool files that are to be moved.

User name - This parameter indicates the name of the user that created all spool files that are to be moved.

Job number - This parameter indicates the number of the job that created all spool files that are to be moved.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be moved.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be moved.

Form type - This parameter indicates the form type shared by all spool files that are to be moved.

Status - This parameter indicates the spool file status shared by all spool files that are to be moved.

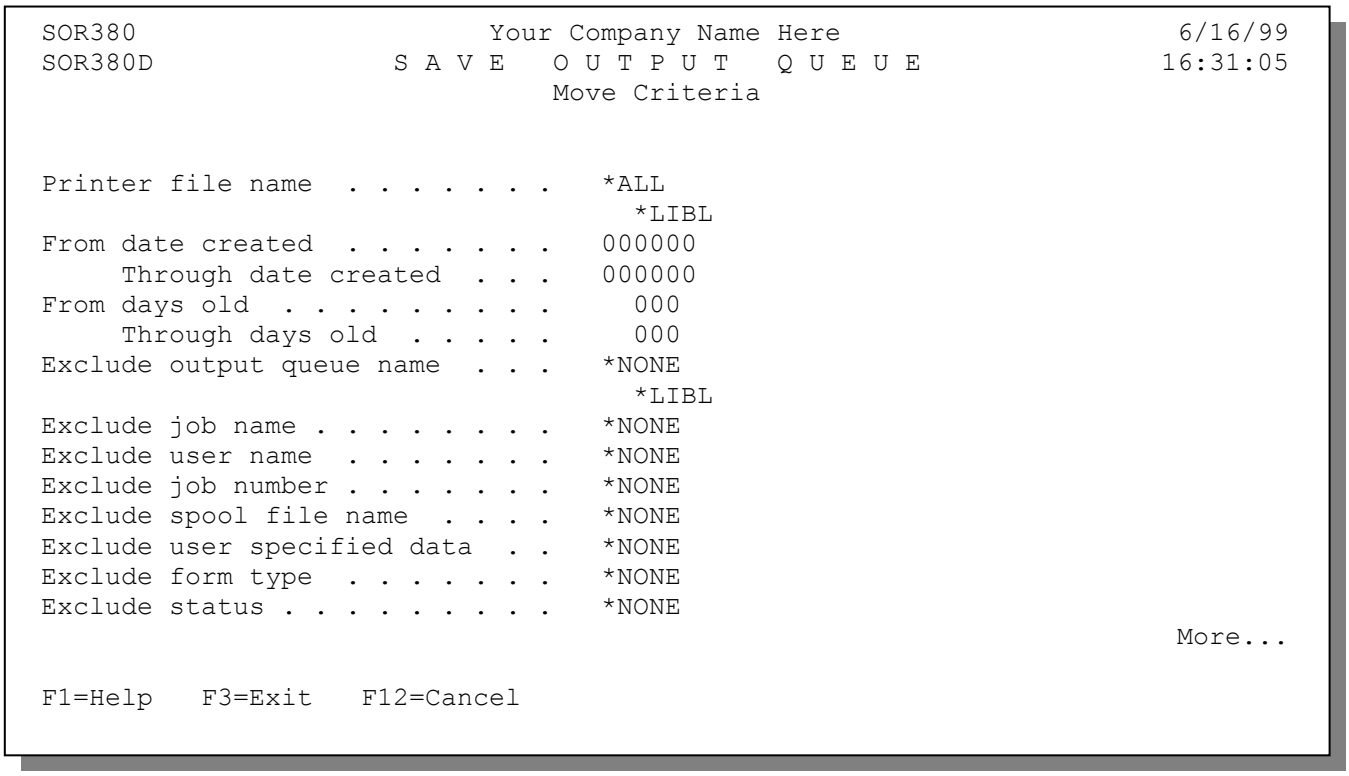
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the first Move Criteria screen, the second of three Move Criteria screens can be accessed. These screens allow you to review the criteria specified on the **MOVOUTQ** command prompt screen. An example of the second Move Criteria screen is shown below.



Field Definitions

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be moved.

From date created - This parameter indicates the beginning of the date range during which all spool files to be moved were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be moved were created.

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be moved.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be moved.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from the move process.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the move process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the move process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the move process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the move process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the move process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the move process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the move process.

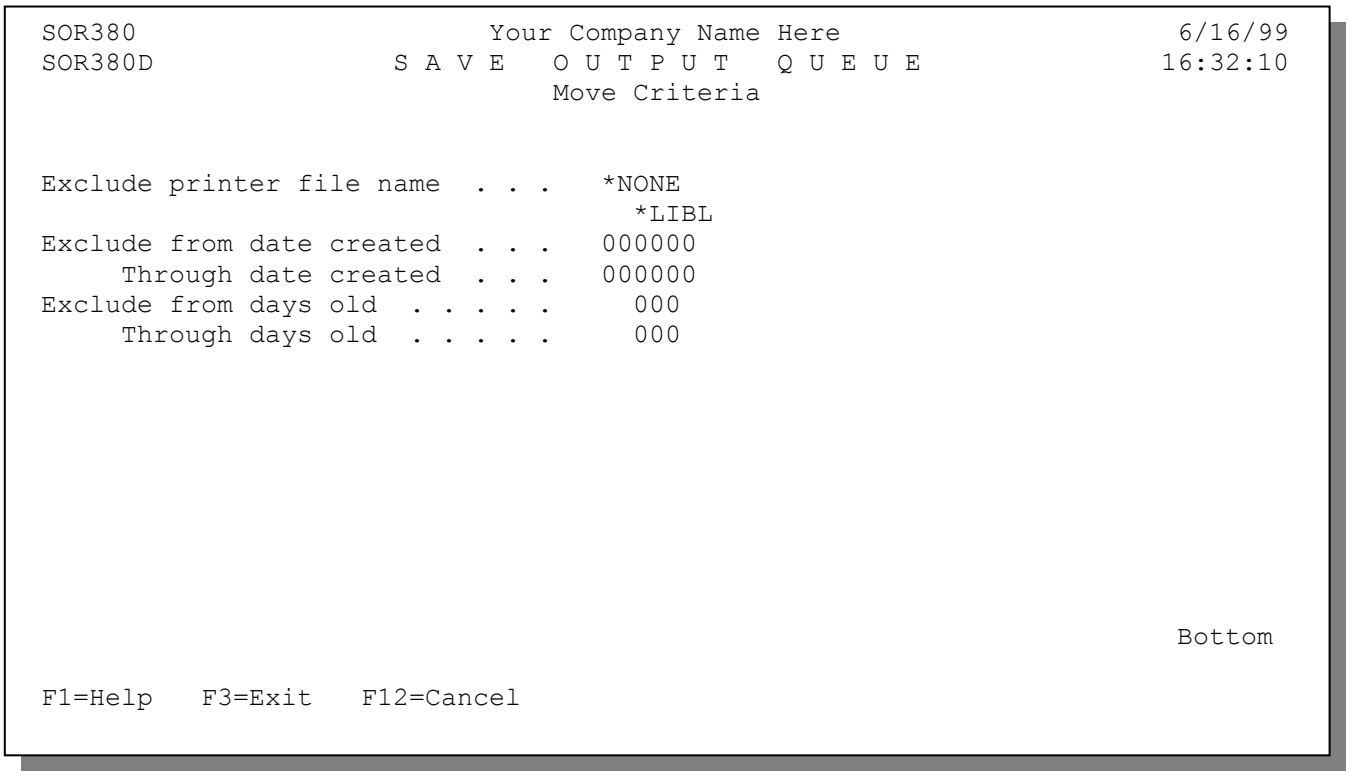
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up key while on the second Move Criteria screen, the third of three Move Criteria screens can be accessed. These screens allow you to review the criteria specified on the **MOVOUTQ** command prompt screen. An example of the third Move Criteria screen is shown below.



Field Definitions

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the move process.

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the move process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the move process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the move process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the move process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each move function performed using option 12 from the SOQ Archival Menu will produce a Spool Files Moved report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review all Spool Files Moved reports. This report will indicate which spool files, if any, were not moved and why they were not moved. This report may also be useful for determining the output queue from which a specific spool file was moved. An example of the Spool Files Moved report is shown below.

```
         RUN DATE: 10/11/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 14:57:51                    S A V E   O U T P U T   Q U E U E                         PGM: SOR390
                                                     SPOOL FILES MOVED

         JOB NAME.....: DSP01
         USER NAME....: QSECOFR
         JOB NUMBER...: 019854

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
RSTOUTQCP  000273 DSP01      QSECOFR    004307     29 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000277 DSP01      QSECOFR    004307     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000279 DSP01      QSECOFR    004307     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR120     000283 DSP01      QSECOFR    004307     45 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR120     000013 QPRTJOB    QSECOFR    018686     45 *STD                  QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SMPRINT    000152 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT
SOR0602    000001 SOR0602    QSECOFR    002329     34 REPORT2               QPRINTS    QGPL       MOVED TO - *LIBL     /QPRINT


 ***         12  SPOOL FILES MOVED.
```

The sample report shown above was produced by SOQ using print format 1.

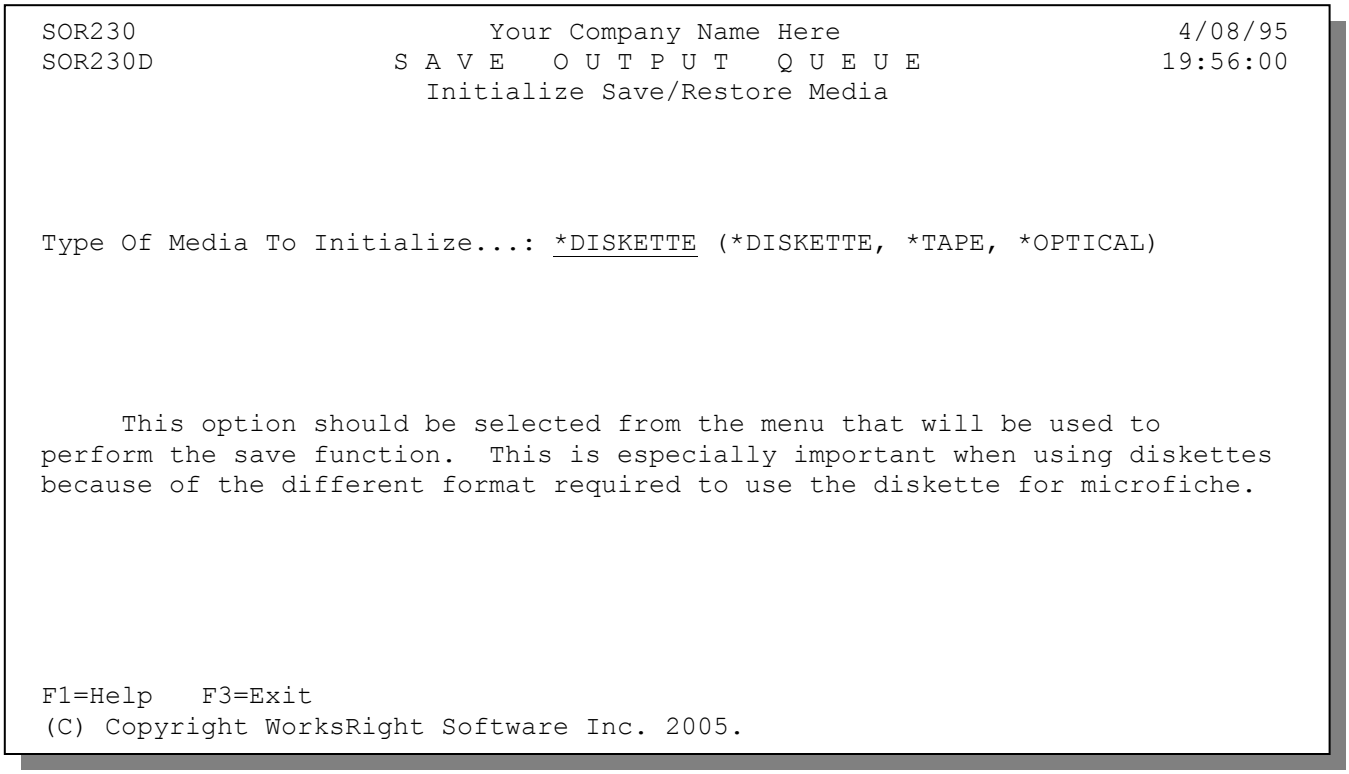
```
         RUN DATE: 10/12/99                          Your Company Name Here                                PAGE:    1
         RUN TIME: 14:26:45                    S A V E   O U T P U T   Q U E U E                         PGM: SOR390
                                                     SPOOL FILES MOVED

         JOB NAME.....: DSP01
         USER NAME....: QSYSOPR
         JOB NUMBER...: 019947

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SAVOUTQCL  000274 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:44 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030     000277 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:48 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030D    000280 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:52 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR120D    000284 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:57 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOMAXOLH   000065 DSP01      QSECOFR    019854 REPORT3    10/11/99 15:24:09 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR010D    000079 DSP01      QSECOFR    019854 REPORT1    10/11/99 15:31:36 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR030D    000061 DSP01      QSECOFR    019854 *STD       10/11/99 15:23:57 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
SOR120K    000075 DSP01      QSECOFR    019854 *STD       10/11/99 15:31:18 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       MOVED TO - *LIBL     /QPRINTS
SMPRINT    000161 QPRTJOB    QSYSOPR    004309 *STD       10/11/99 15:30:56 QPRINT     QUSRSYS    MOVED TO - *LIBL     /QPRINTS


 ***         12  SPOOL FILES MOVED.
```

The sample report shown above was produced by SOQ using print format 2.

INITIALIZE SAVE/RESTORE MEDIA

To initialize save/restore media for archiving spool files, select option 13 from the SOQ Archival Menu. After selecting option 13, you will be presented with a screen, similar to the one shown below, prompting for the type of media to initialize. If *DISKETTE is specified as the type of media, the diskette device named in your SOQ system defaults will be used. If *TAPE is specified as the type of media, the tape device named along with the tape density specified in your SOQ system defaults will be used. If *OPTICAL is specified as the type of media, the optical device named in your SOQ system defaults will be used.

If you plan to use the media being initialized to produce microfiche, you must select the initialize option from the SOQ Microfiche Menu.



Field Definitions

Type of media to initialize - This field determines the type of media to be initialized. Valid values are *DISKETTE, *TAPE, and *OPTICAL.

Function Keys

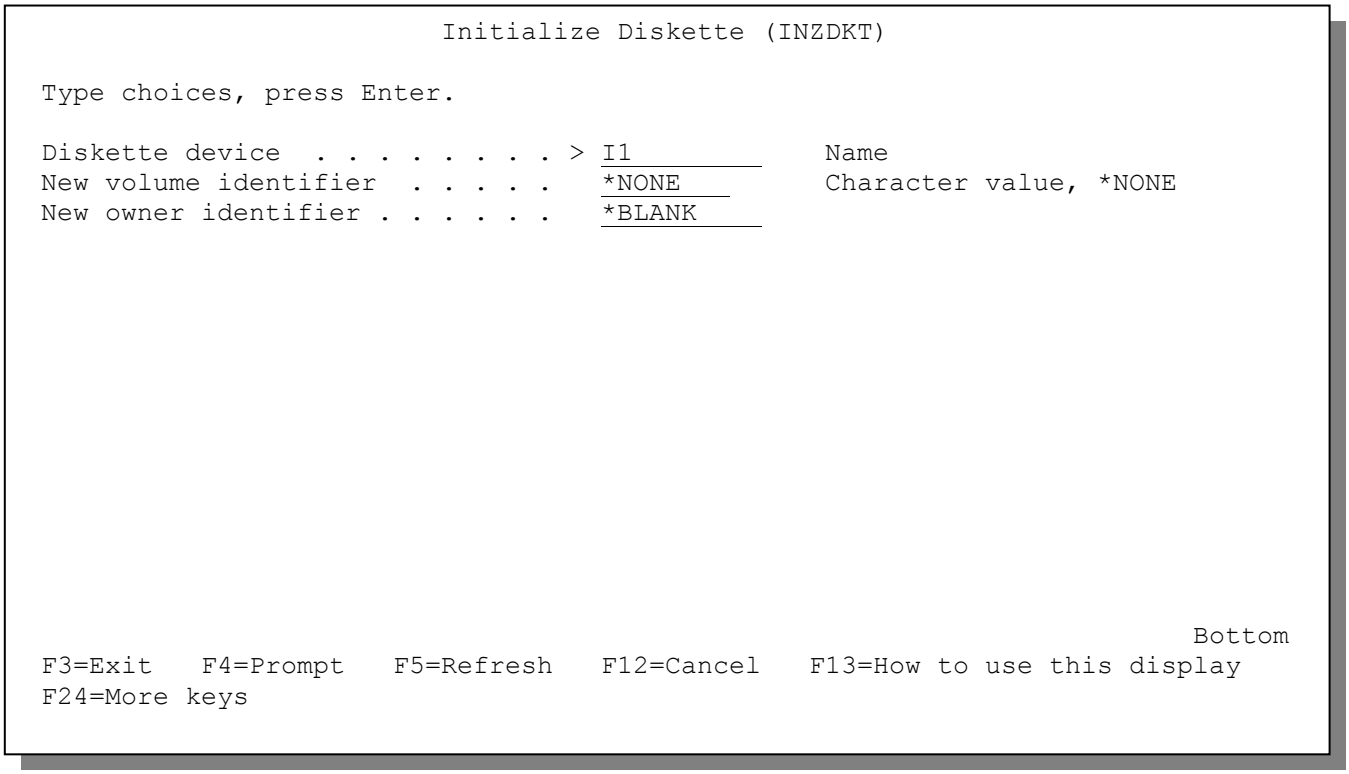
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

If *DISKETTE was specified as the *type of media to initialize*, the **INZDKT** prompt screen will be shown. An example of the **INZDKT** prompt screen is shown below. This screen allows you to specify a volume ID and owner ID to be assigned to the diskette.

You must change the *new volume identifier* parameter to a valid volume name. If you do not, a non-labeled diskette will be created and may be unusable by SOQ. For more information, refer to the **INZDKT** command in your CL reference manuals.

Diskettes may also be initialized by executing the **INZDKT** command directly from a command entry screen. When using this method keep in mind that to be used for archiving spool files, the diskette must be a standard labeled diskette in the *SAVRST format.



Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

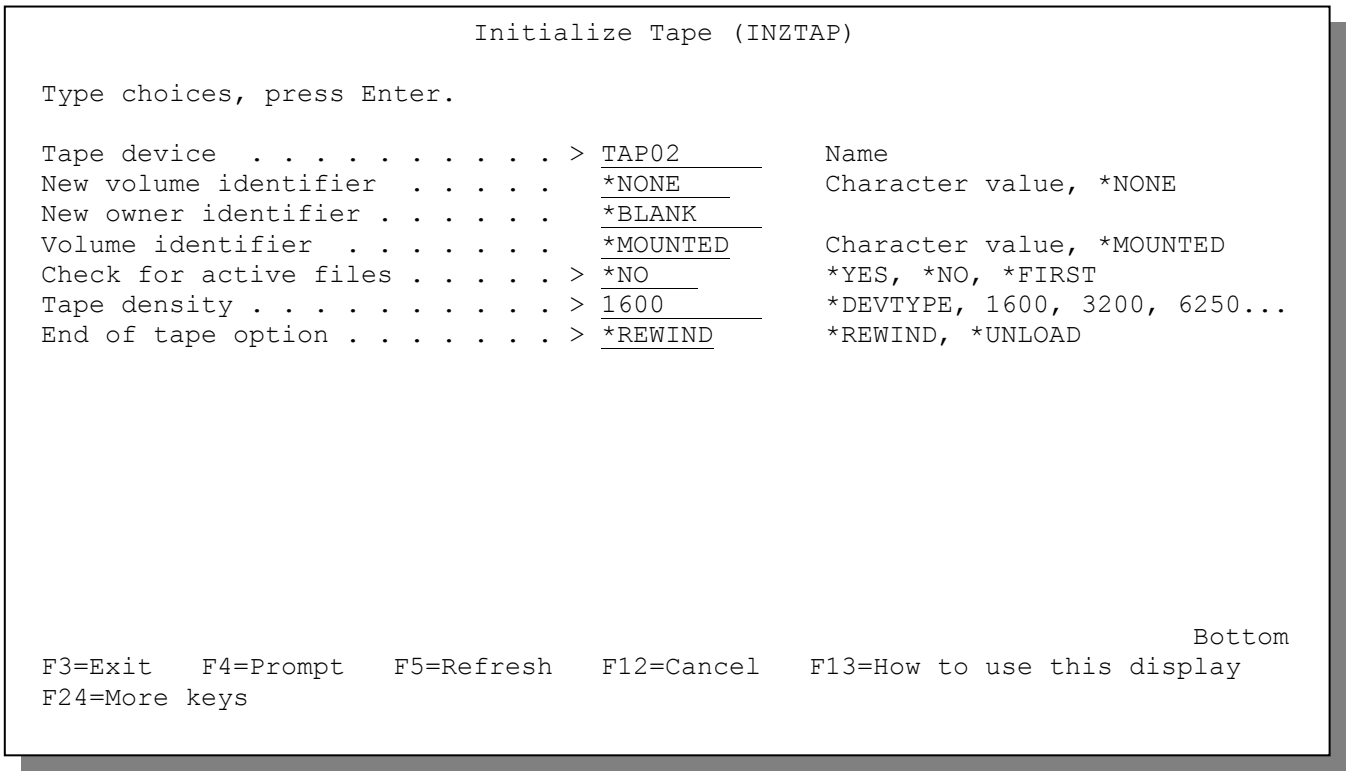
Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

If *TAPE was specified as the *type of media to initialize*, the **INZTAP** prompt screen will be shown. An example of the **INZTAP** prompt screen is shown below. This screen allows you to specify a volume ID and owner ID to be assigned to the tape.

You must change the *new volume identifier* parameter to a valid volume name. If you do not, a non-labeled tape will be created and may be unusable by SOQ. For more information, refer to the **INZTAP** command in your CL reference manuals.

Tapes may also be initialized by executing the **INZTAP** command directly from a command entry screen. When using this method keep in mind that to be used for archiving spool files, the tape must be a standard labeled tape.



```
                          Initialize Tape (INZTAP)

Type choices, press Enter.

Tape device  . . . . . > TAP02        Name
New volume identifier  . . . . .   *NONE       Character value, *NONE
New owner identifier . . . . . .   *BLANK
Volume identifier  . . . . . .   *MOUNTED      Character value, *MOUNTED
Check for active files . . . . . > *NO         *YES, *NO, *FIRST
Tape density . . . . . > 1600         *DEVTYPE, 1600, 3200, 6250...
End of tape option . . . . . > *REWIND        *REWIND, *UNLOAD

                                                                  Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

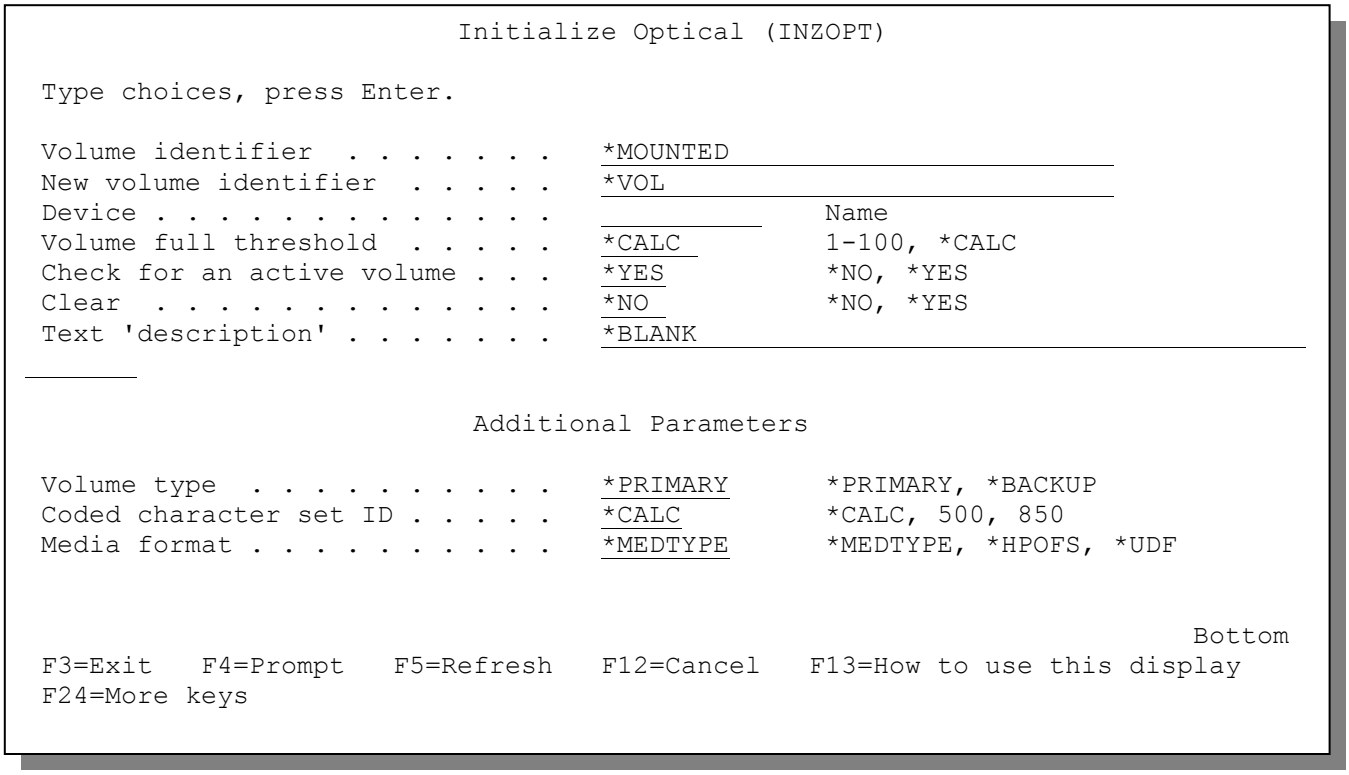
As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

If *OPTICAL was specified as the *type of media to initialize*, the **INZOPT** prompt screen will be shown. An example of the **INZOPT** prompt screen is shown below. This screen allows you to specify a volume ID to be assigned to the optical media. This screen also allows you to specify other attributes to be applied to the optical media. For more information, refer to the **INZOPT** command in your CL reference manuals.

Optical media may also be initialized by executing the **INZOPT** command directly from a command entry screen.



```
                          Initialize Optical (INZOPT)

 Type choices, press Enter.

 Volume identifier  . . . . . . .   *MOUNTED
 New volume identifier  . . . . .   *VOL
 Device . . . . . . . . . . . . .                Name
 Volume full threshold  . . . . .   *CALC        1-100, *CALC
 Check for an active volume . . .   *YES         *NO, *YES
 Clear  . . . . . . . . . . . . .   *NO          *NO, *YES
 Text 'description' . . . . . . .   *BLANK

                           Additional Parameters

 Volume type  . . . . . . . . . .   *PRIMARY     *PRIMARY, *BACKUP
 Coded character set ID . . . . .   *CALC        *CALC, 500, 850
 Media format . . . . . . . . . .   *MEDTYPE     *MEDTYPE, *HPOFS, *UDF


                                                                    Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

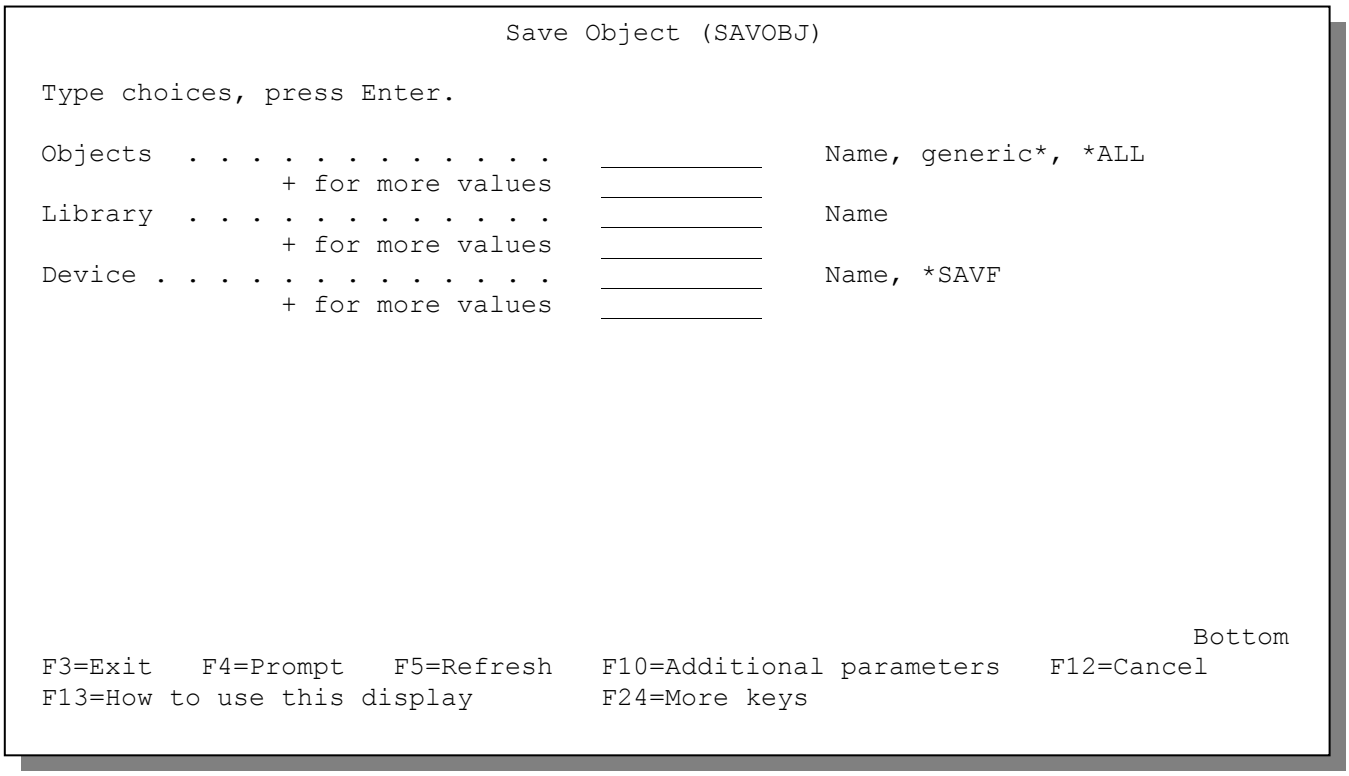
As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

PLACE SAVE FILE ON TAPE OR DISKETTE

To place a save file on tape or diskette, select option 14 from the SOQ Archival Menu. After selecting option 14, you will be presented with a screen, similar to the one shown below, prompting for the object (save file) name and library, and the name of the tape or diskette device to be used. Additional parameters may be specified by pressing **F10**. For more information, refer to the **SAVOBJ** command in your CL reference manuals.



Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

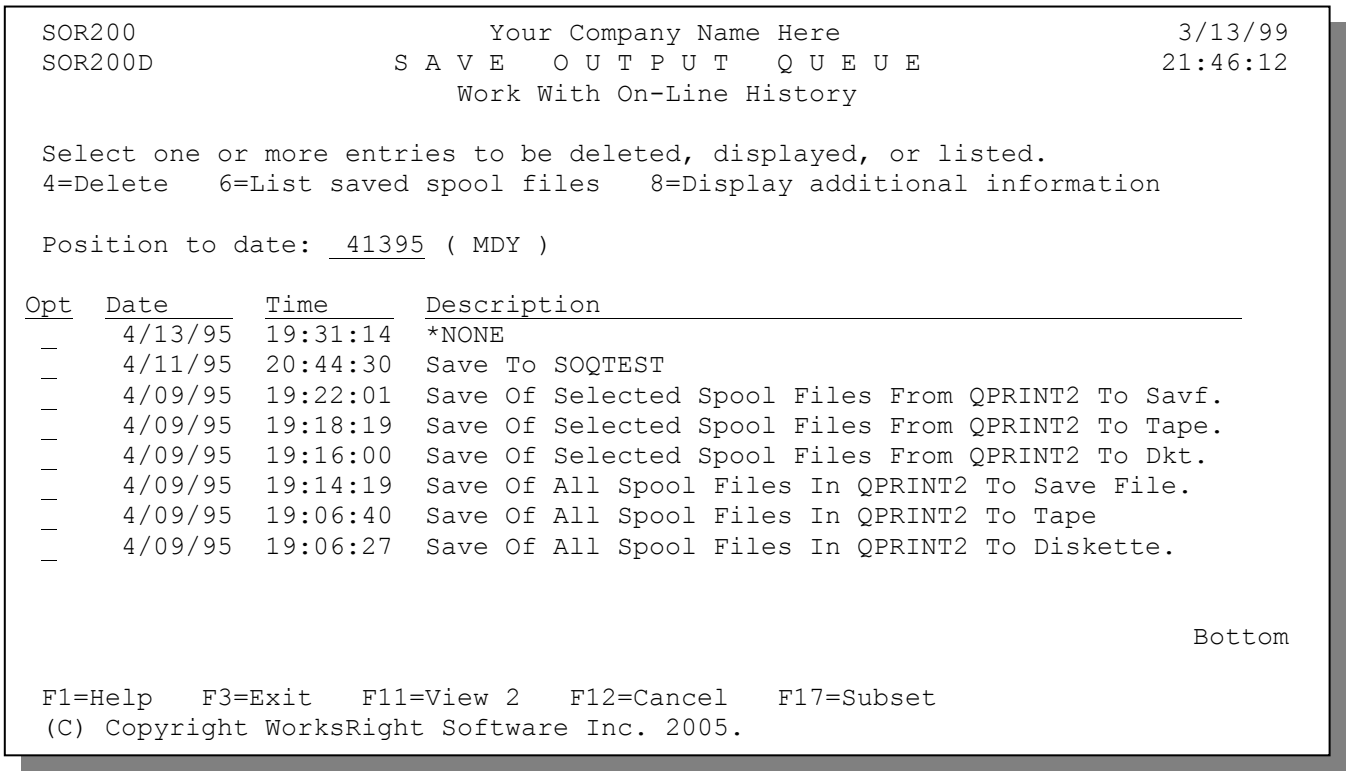
Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

WORK WITH ON-LINE HISTORY

To work with the on-line history file, select option 15 from the SOQ Archival Menu. After selecting option 15, you will be presented with a screen, similar to the one shown below. The history information is displayed with the last save request presented first and so on. Save functions may be selected to be deleted or to have additional information displayed.

When the work with on-line history option is selected from the SOQ Archival Menu, only archive history is shown. When the option is selected from the SOQ COLD Storage Menu, only COLD storage history is shown. When the option is selected from the SOQ Microfiche Menu, only microfiche history is shown.



```
 SOR200                        Your Company Name Here                        3/13/99
 SOR200D                 S A V E   O U T P U T   Q U E U E                  21:46:12
                              Work With On-Line History

 Select one or more entries to be deleted, displayed, or listed.
 4=Delete   6=List saved spool files   8=Display additional information

 Position to date:  41395  ( MDY )

Opt  Date      Time      Description
 _    4/13/95  19:31:14  *NONE
 _    4/11/95  20:44:30  Save To SOQTEST
 _    4/09/95  19:22:01  Save Of Selected Spool Files From QPRINT2 To Savf.
 _    4/09/95  19:18:19  Save Of Selected Spool Files From QPRINT2 To Tape.
 _    4/09/95  19:16:00  Save Of Selected Spool Files From QPRINT2 To Dkt.
 _    4/09/95  19:14:19  Save Of All Spool Files In QPRINT2 To Save File.
 _    4/09/95  19:06:40  Save Of All Spool Files In QPRINT2 To Tape
 _    4/09/95  19:06:27  Save Of All Spool Files In QPRINT2 To Diskette.


                                                                      Bottom

 F1=Help   F3=Exit   F11=View 2   F12=Cancel   F17=Subset
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```

Field Definitions

Position to date - This field allows you to position the list being displayed to a specific date. If there are no records representing the date entered, the record closest to the date specified is displayed. The date entered must be specified in your system's date format.

Option - This field allows you to select one or more previous saves to be deleted, listed or have additional information displayed. Valid values are "4" to select the save to be deleted, "6" to select the save to be listed and "8" to select the save to have additional information displayed.

Date - This field indicates the date that the save function was performed.

Time - This field indicates the time of day that the save function was performed.

Description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

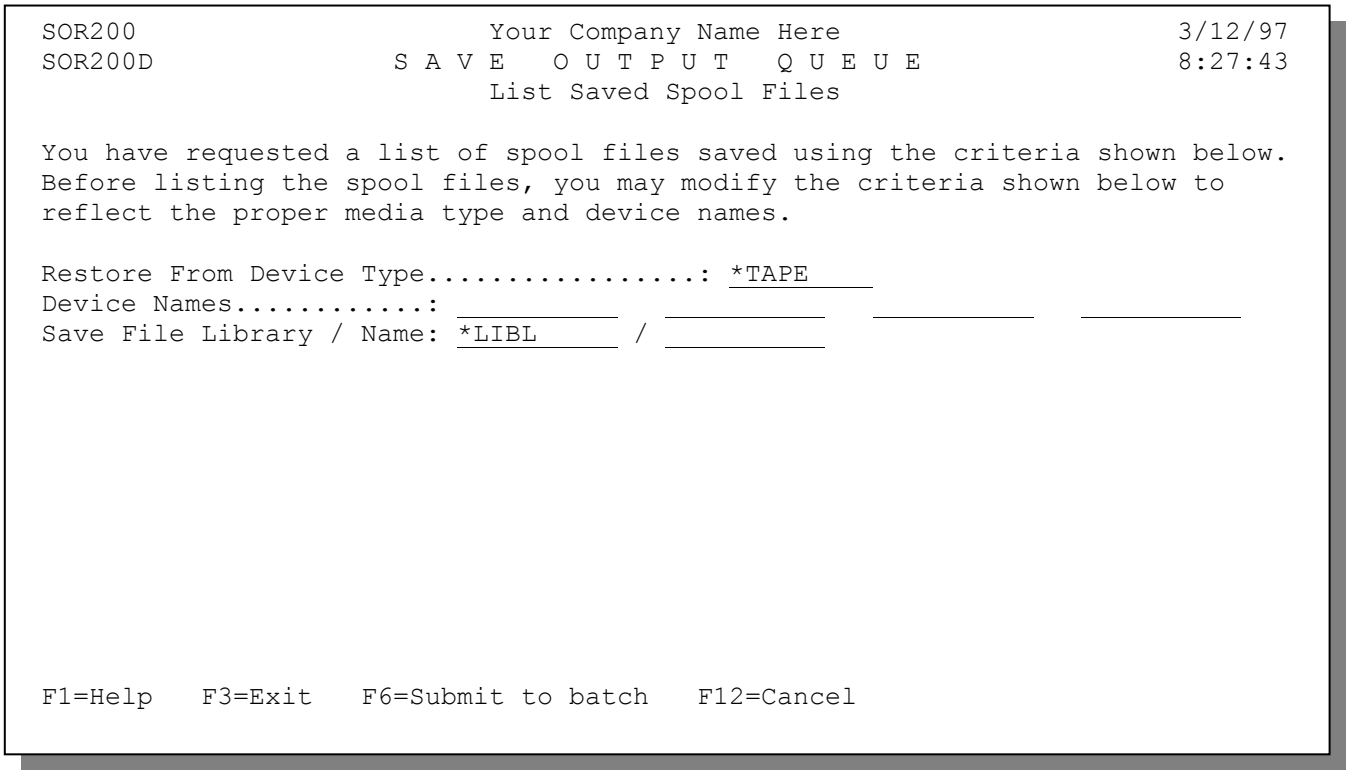
Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F11*** while on this screen will cause the save history information to be displayed in the format used by older versions of SOQ.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

For each save function selected to be listed, a screen similar to the one shown below will be displayed. The List Saved Spool Files screen prompts you for the device information needed to process your request. This screen also allows you to submit your request to batch by pressing **F6**.



Field Definitions

Restore from device type - This field determines the device type that will be used while retrieving the saved spool file information to be listed.

Device names - These fields allow you to identify the devices to be used while retrieving the saved spool file information to be listed. Valid values are any valid device name and the special values *DISKETTE, *SAVF, *TAPE, and *OPTICAL.

Save file name - This field determines the save file that will be used while retrieving the saved spool file information to be listed. Save file name is required only if *SAVF was specified as the *save device name* parameter on the **SAVOUTQ** command at the time that the spool files were archived.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F6*** while on this screen will cause your request to be submitted to batch using the job queue specified in your SOQ system defaults.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each save function selected to have saved spool files listed, a List Of Spool Files Saved report will be produced. This report is placed in the output queue specified in your SOQ system defaults. An example of the List Of Spool Files Saved report is shown below.

Note: This report lists the group of spool files that were intended to be processed by the selected save function. If the save function ended abnormally or if a spool file was unavailable at the time that SOQ was performing the save function, this report will not indicate that the spool file(s) were not saved. The original Spool Files Archived report will, however, indicate that the spool files were not saved.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:52:42                  S A V E   O U T P U T   Q U E U E                         PGM: SOR350K
                                               LIST OF SPOOL FILES SAVED

        JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME...: I00034
        SAVE TEXT....: *NONE

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ----------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL
SAVOUTQCL  000004 QPRTJOB    QSECOFR    018686     27 *STD                  QPRINT     QGPL
SOR030     000007 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL
SOR030D    000010 QPRTJOB    QSECOFR    018686     33 *STD                  QPRINT     QGPL
SOR030D    000011 QPRTJOB    QSECOFR    018686     22 *STD                  QPRINT     QGPL


 ***          5  SPOOL FILES LISTED.


 <*> This List Represents Only Those Spool Files Found In The Restored Index File
 <*> And May Not Accurately Reflect What Was Saved.
```

The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:58:53                  S A V E   O U T P U T   Q U E U E                         PGM: SOR350K
                                               LIST OF SPOOL FILES SAVED

        JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
        JOB NUMBER...: 019854                                         SAVE INDEX NAME...: I00034
        SAVE TEXT....: *NONE

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ----------

SMPRINT    000003 BACKUP     QSYSOPR    010754 *STD        7/05/99 23:00:43 QPRINT     QUSRSYS
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS
QSTRUP     000272 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS
RSTOUTQCP  000273 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS
SOR030     000276 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:47 QPRINT     QUSRSYS
SOR120     000282 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:54 QPRINT     QUSRSYS


 ***          6  SPOOL FILES LISTED.


 <*> This List Represents Only Those Spool Files Found In The Restored Index File
 <*> And May Not Accurately Reflect What Was Saved.
```

The sample report shown above was produced by SOQ using print format 2.

For each save function selected to have additional information displayed, a screen similar to the one shown below will be displayed. This screen is the first of two screens that allow you to view all available information concerning the save function selected.

```
SOR200                        Your Company Name Here                        6/18/99
SOR200D                  S A V E   O U T P U T   Q U E U E                  10:51:40
                Work With On-Line History - Additional Information


Saved Output Queue..: PRT01               Save Index Name.....: I00031
  Library...........: QUSRSYS
Save Device Type....: *SAVF

Saved By User.......: QSECOFR             Saved By SOQ Release:  7.90
Saved By Job Name...: LYNNB
Saved By Job Nbr....: 007598
Save Date...........:  5/26/99
Save Time...........:  8:32:23

Saved Count.........:       106
Saved Attributes....: *YES
Save Type...........: *ARCHIVE

Save Description....: TEST


F1=Help   F3=Exit   F5=Display save criteria   F12=Cancel
```

Field Definitions

Saved output queue - This field indicates the output queue name and library specified with the **SAVOUTQ** command when the save function was performed.

Save device type - This field indicates the device type utilized with the **SAVOUTQ** command when the save function was performed. This device type will be either *DISKETTE, *TAPE or *SAVF, depending on the device type used.

Saved by user - This field indicates the name of the user that performed the save function.

Saved by job name - This field indicates the name of the job that performed the save function. If the **SAVOUTQ** command was executed interactively, this field will contain the name of the workstation at which the save function was performed.

Saved by job number - This field indicates the job number of the job that performed the save function.

Save date - This field indicates the date that the save function was performed.

Save time - This field indicates the time of day that the save function was performed.

Saved count - This field indicates the number of spool files that were saved with this save function.

Saved attributes - This field indicates whether or not spool file attributes were retrieved and saved for each spool file. Previous releases of SOQ allowed the use of default spool file attributes to speed up the process of saving an output queue. As of SOQ release 4.00, default spool file attributes are no longer needed because retrieving spool file attributes requires no extra time. The value for this field will always be *YES for save functions performed with SOQ release 4.00 and higher. The value for this field will be either *YES or *NO for save functions performed with SOQ release 3.02 or lower depending upon the value specified with the **SAVOUTQ** command.

Save type - This field indicates type of save performed by the **SAVOUTQ** command. Values for this field will always be *ARCHIVE, *MICROFICHE, or *COLDSTG depending upon the value specified for the *save type* parameter on the **SAVOUTQ** command when the save function was performed.

Save description - This field indicates the text specified with the **SAVOUTQ** command when the save function was performed.

Save index name - This field indicates the name of the working index generated by SOQ when the save function was performed. If the *save type* parameter on the **SAVOUTQ** command was specified as *ARCHIVE, spool files saved may be restored by executing the **RSTOUTQ** command and specifying the value of this field as the *restore using index name* parameter.

Saved by SOQ release - This field indicates the release of Save Output Queue that was used at the time this save was performed.

Function Keys

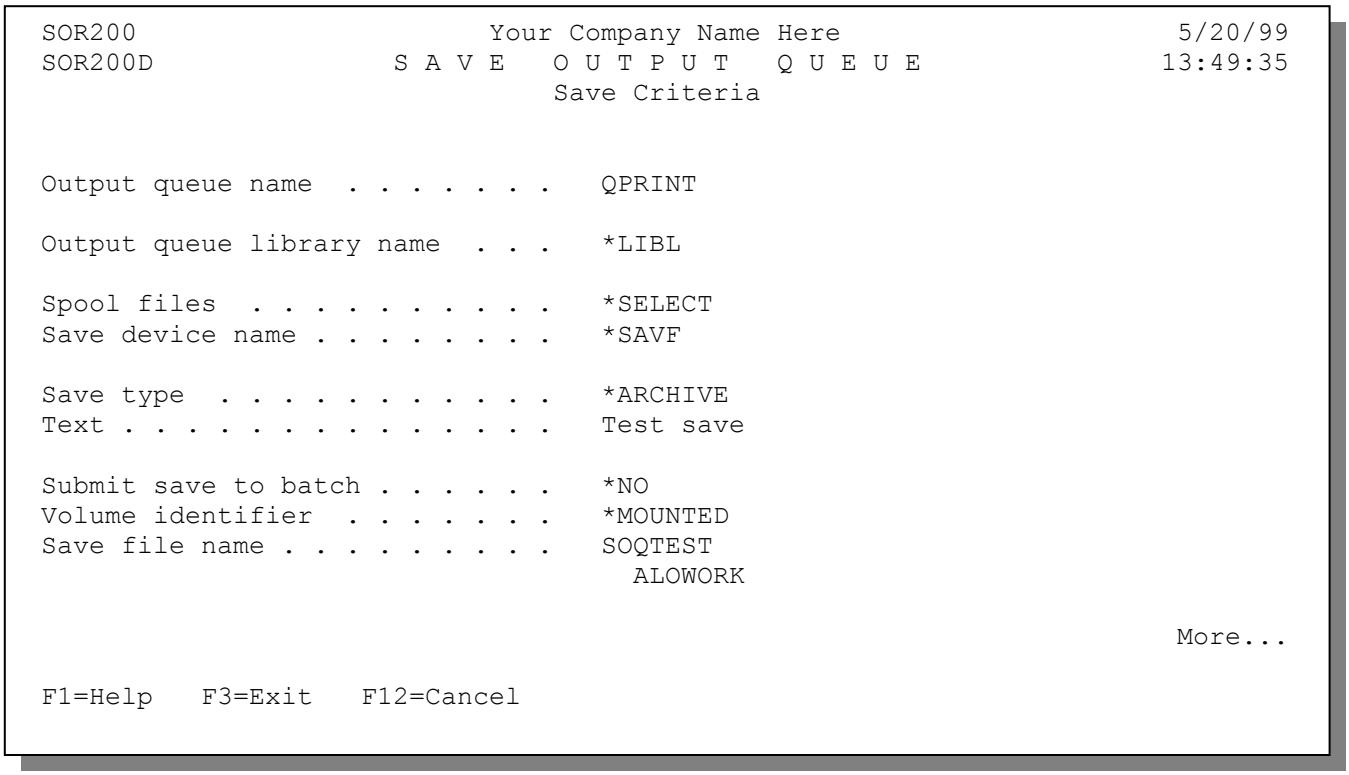
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing **F5** while on the Additional Information screen, the first Save Criteria screen can be accessed. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** or **SAVSPLF** command prompt screens. An example of the first Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue library name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device name - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

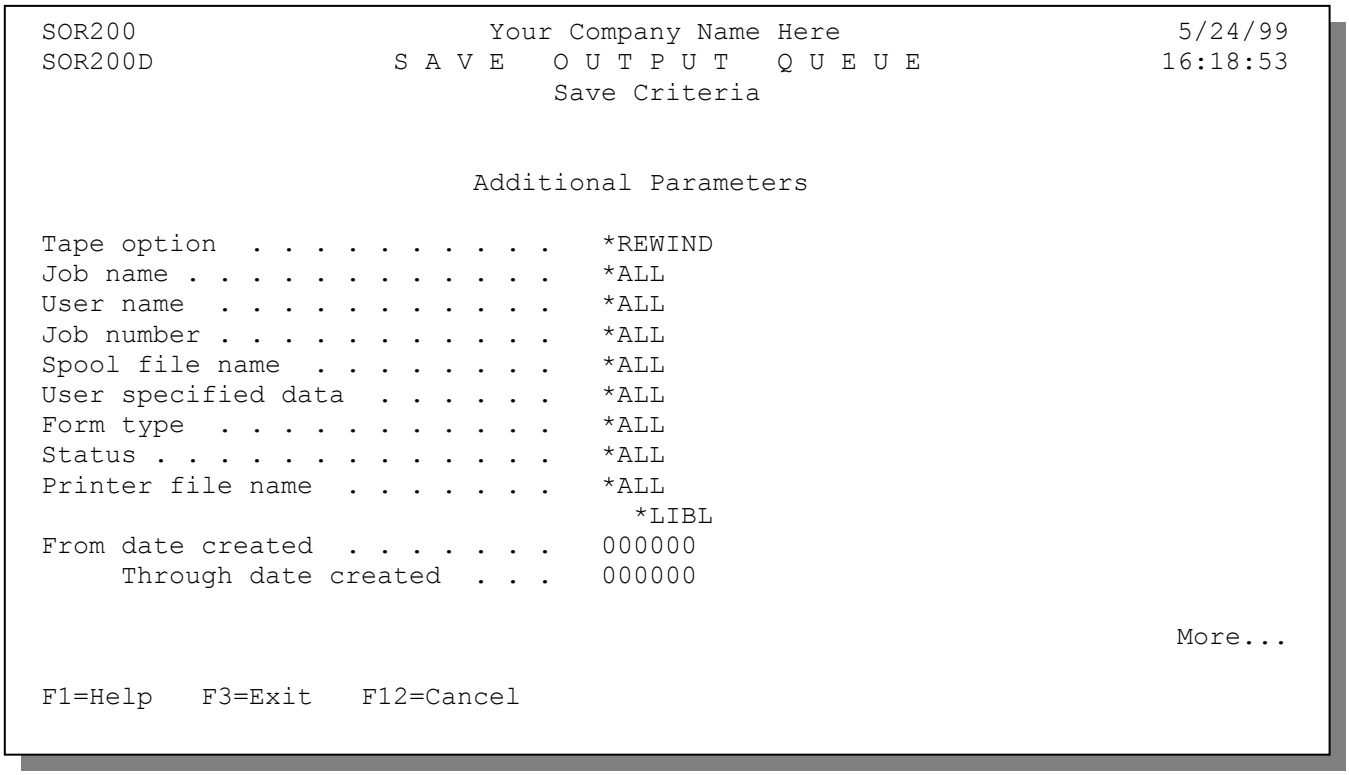
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second Save Criteria screen. The Save Criteria screens allow you to review the criteria specified on the **SAVOUTQ** and **SAVSPLF** command prompt screens. An example of the second Save Criteria screen for the **SAVOUTQ** command is shown below. If the **SAVSPLF** command was used to archive the spool file, the Save Criteria screen displayed will differ from the one shown below.



Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

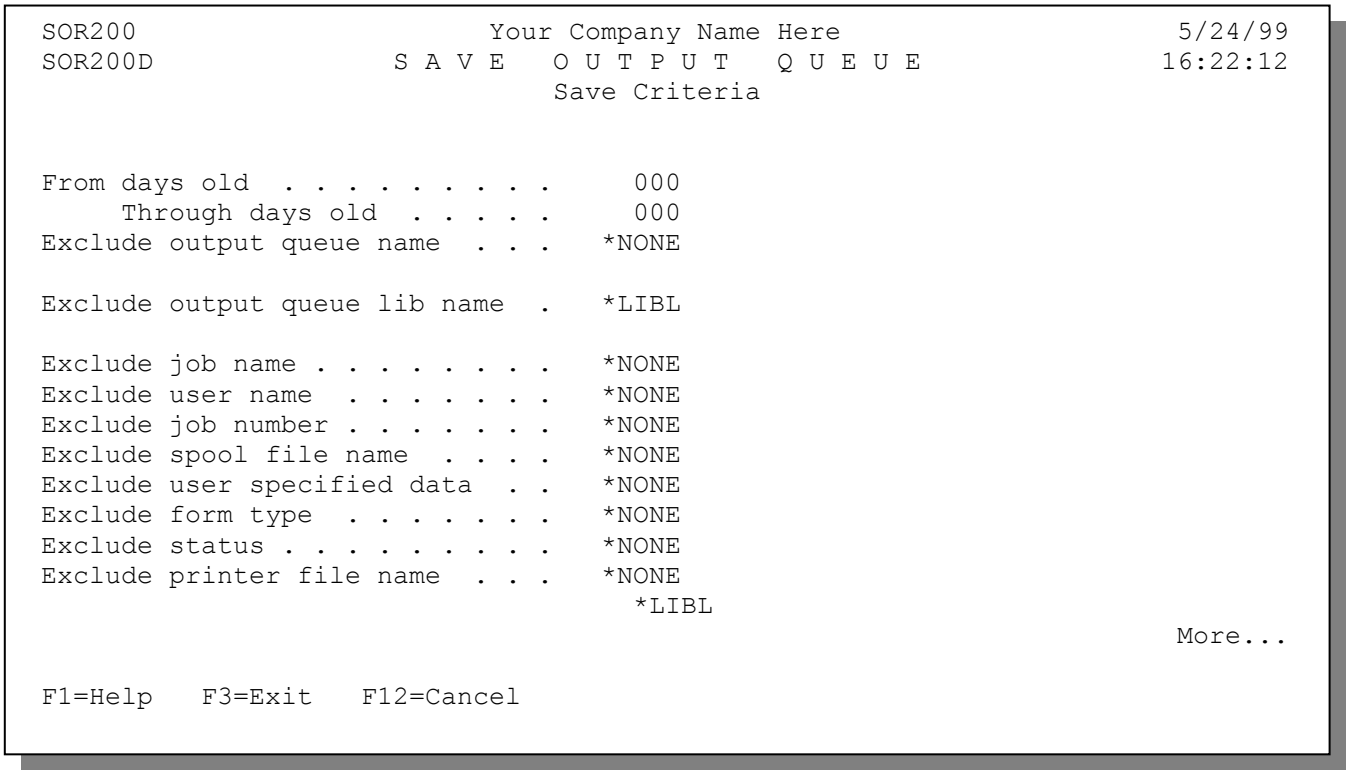
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen for the **SAVOUTQ** command, you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

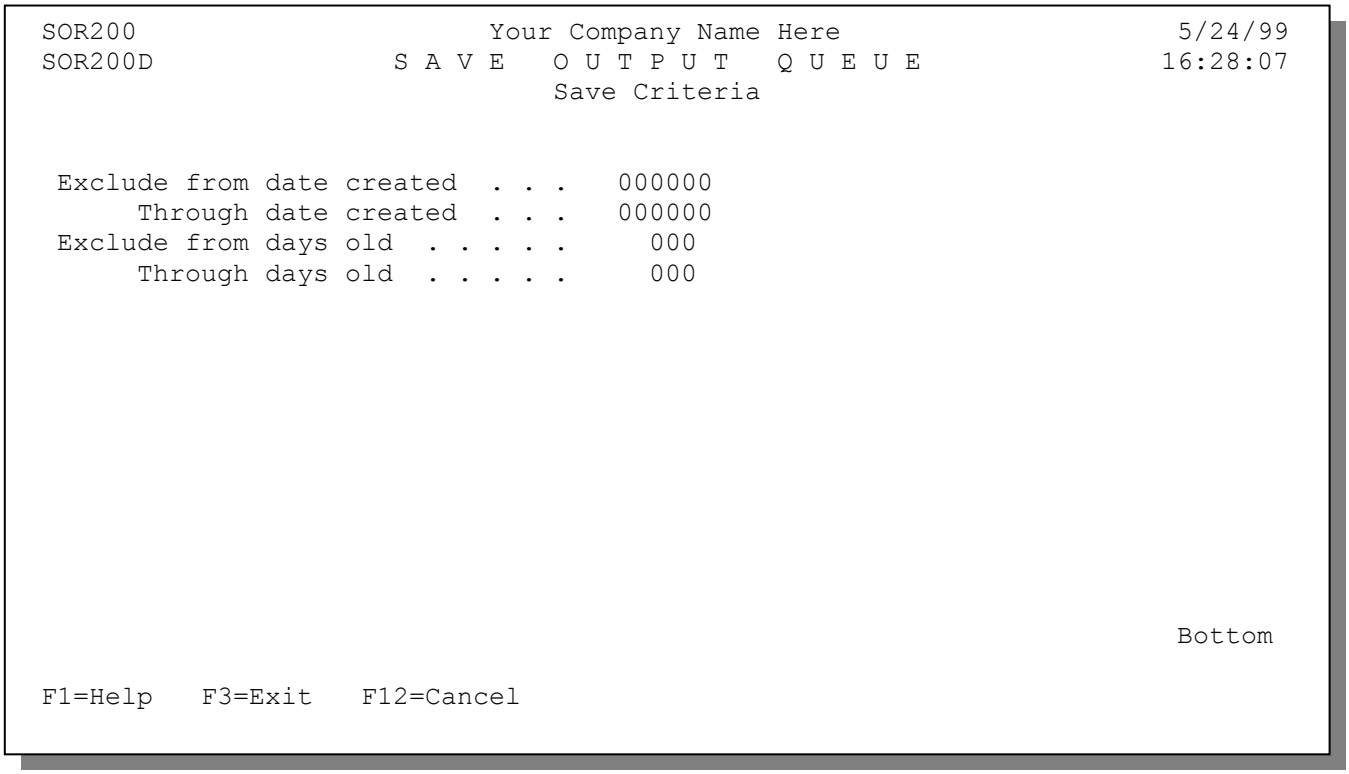
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen for the **SAVOUTQ** command, you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

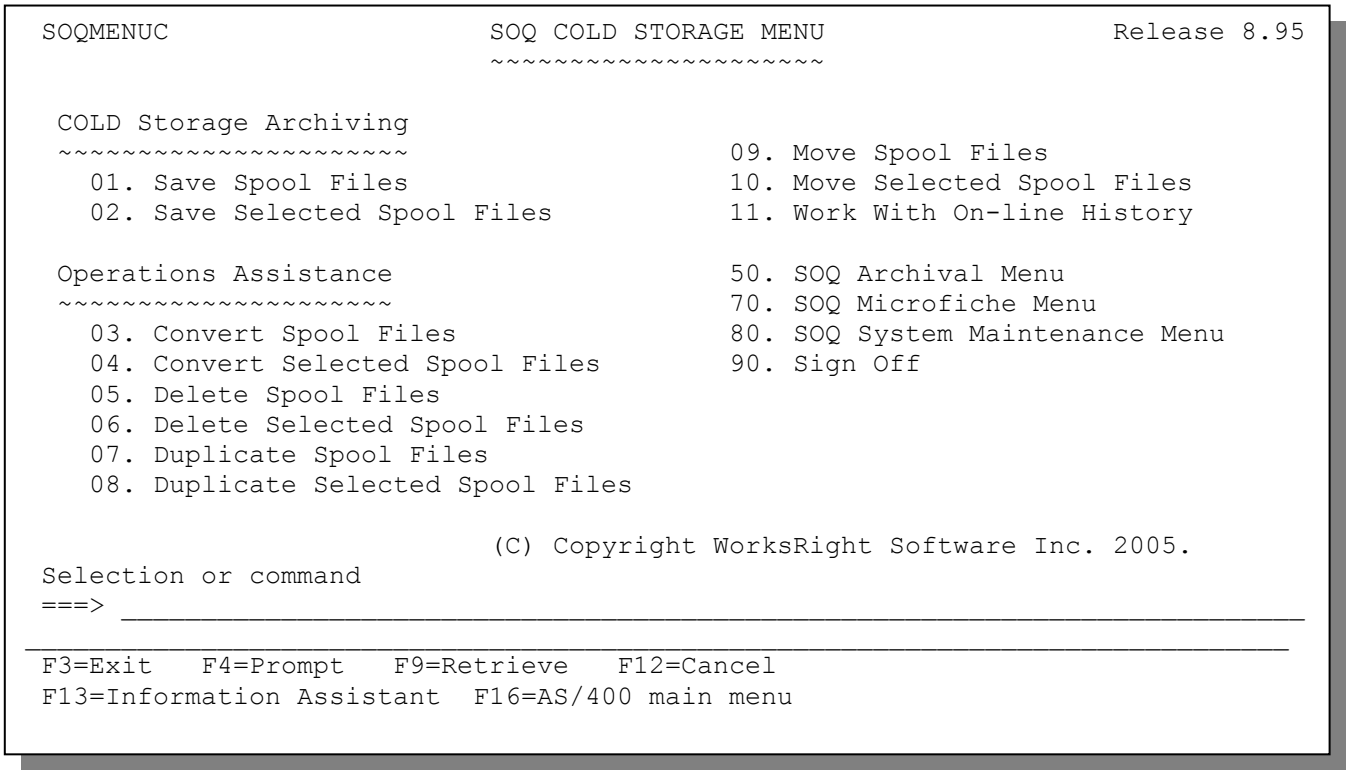
THE SOQ COLD STORAGE MENU

The SOQ COLD Storage Menu may be displayed at any workstation by entering the following command at any command entry display:

SOQ MENU(*CS)

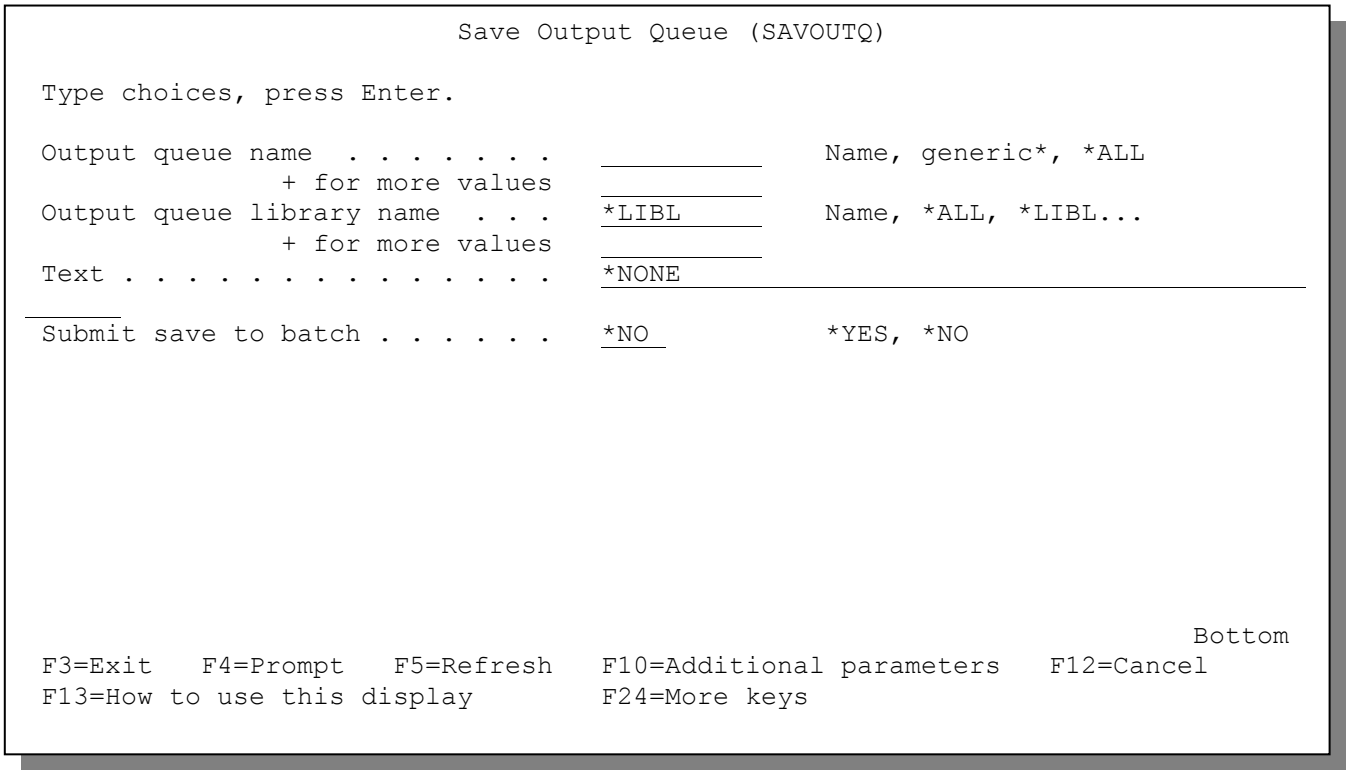
...and pressing **ENTER**.

Below is an example of what the SOQ COLD Storage Menu will look like. In the pages to follow, each option is explained in detail.



SAVE SPOOL FILES

To pass to your COLD storage solution all spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 01 from the SOQ COLD Storage Menu. After selecting option 01, you will be presented with a screen, similar to the one shown below, prompting for the output queue(s) from which spool files are to be saved. If *ALL is specified as the output queue, spool files are saved from all output queues. On this prompt screen you may also enter a description of the save function. The description entered is stored in the on-line history file to help identify the save function.



Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

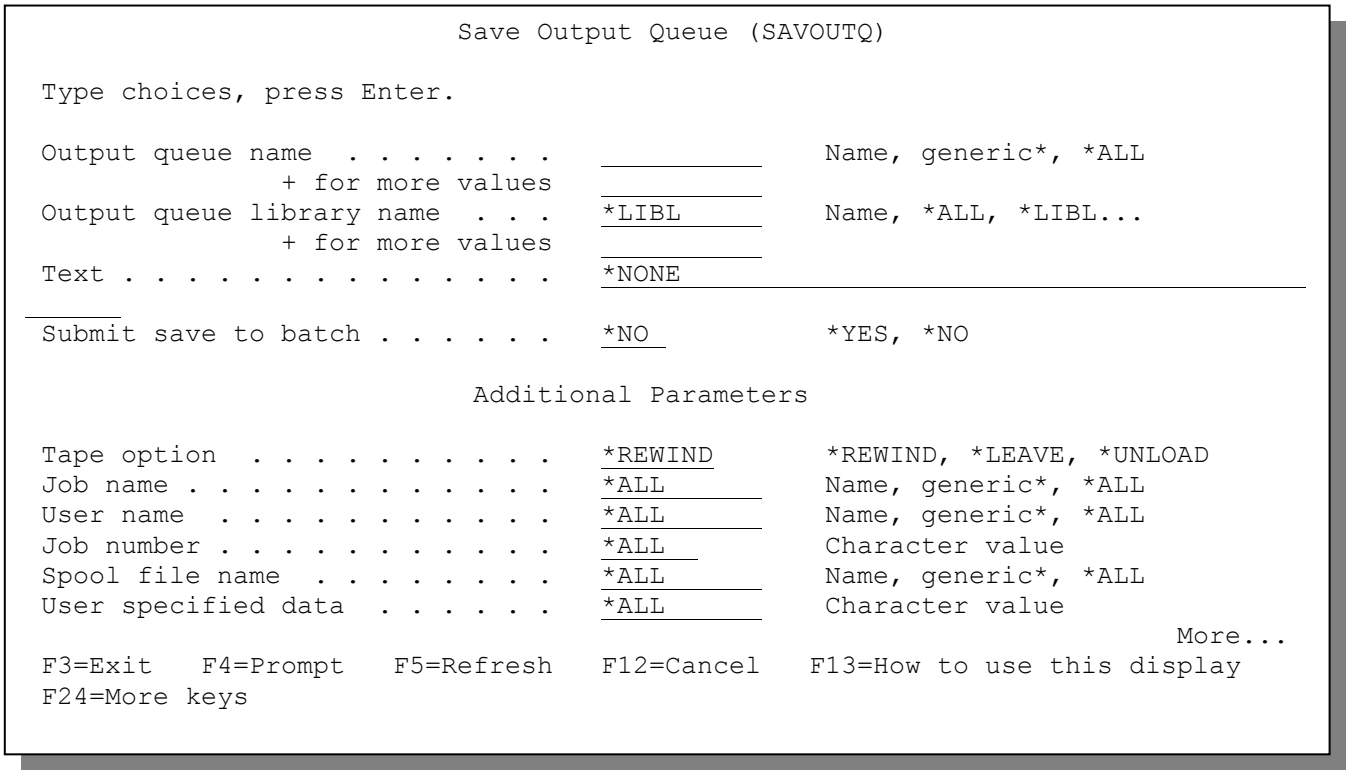
Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be saved. The first of these three screens is shown below.



Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

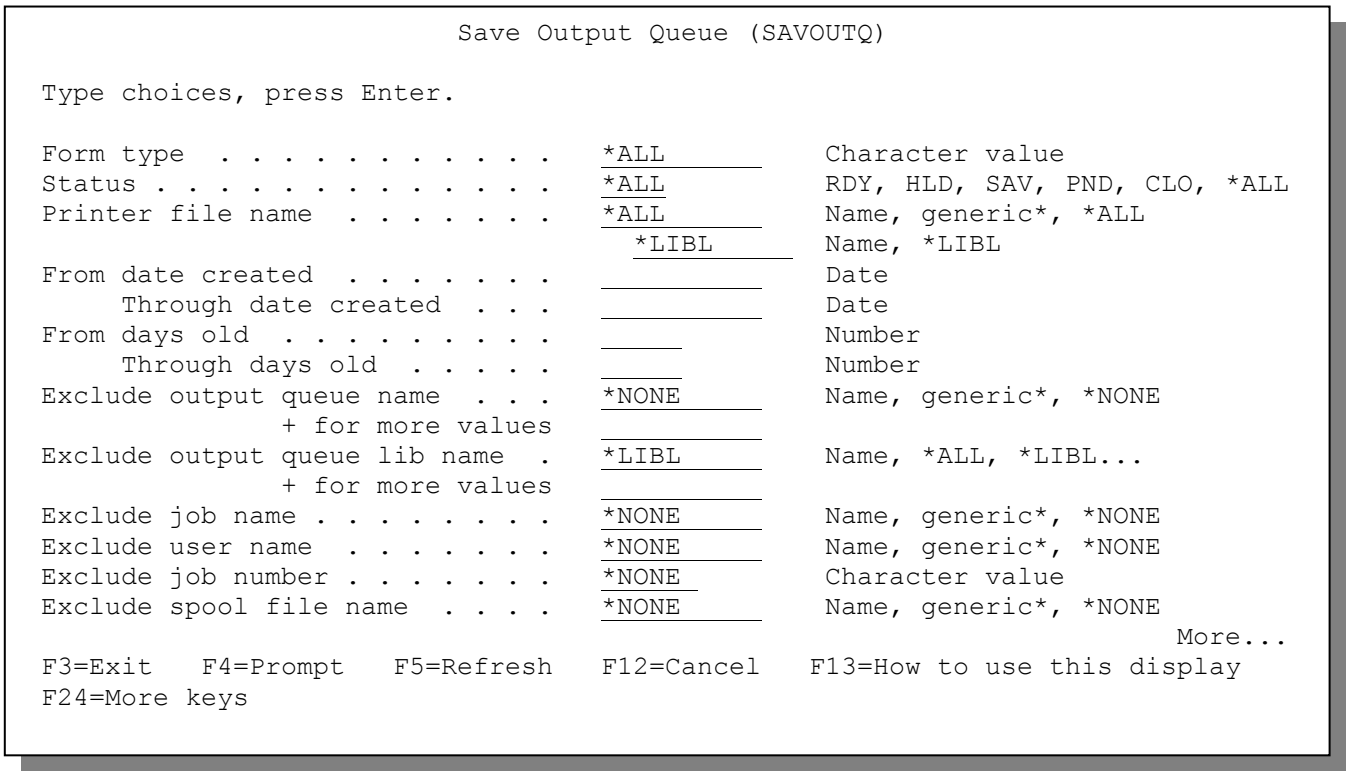
User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from this save. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the save process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the save process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the save process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

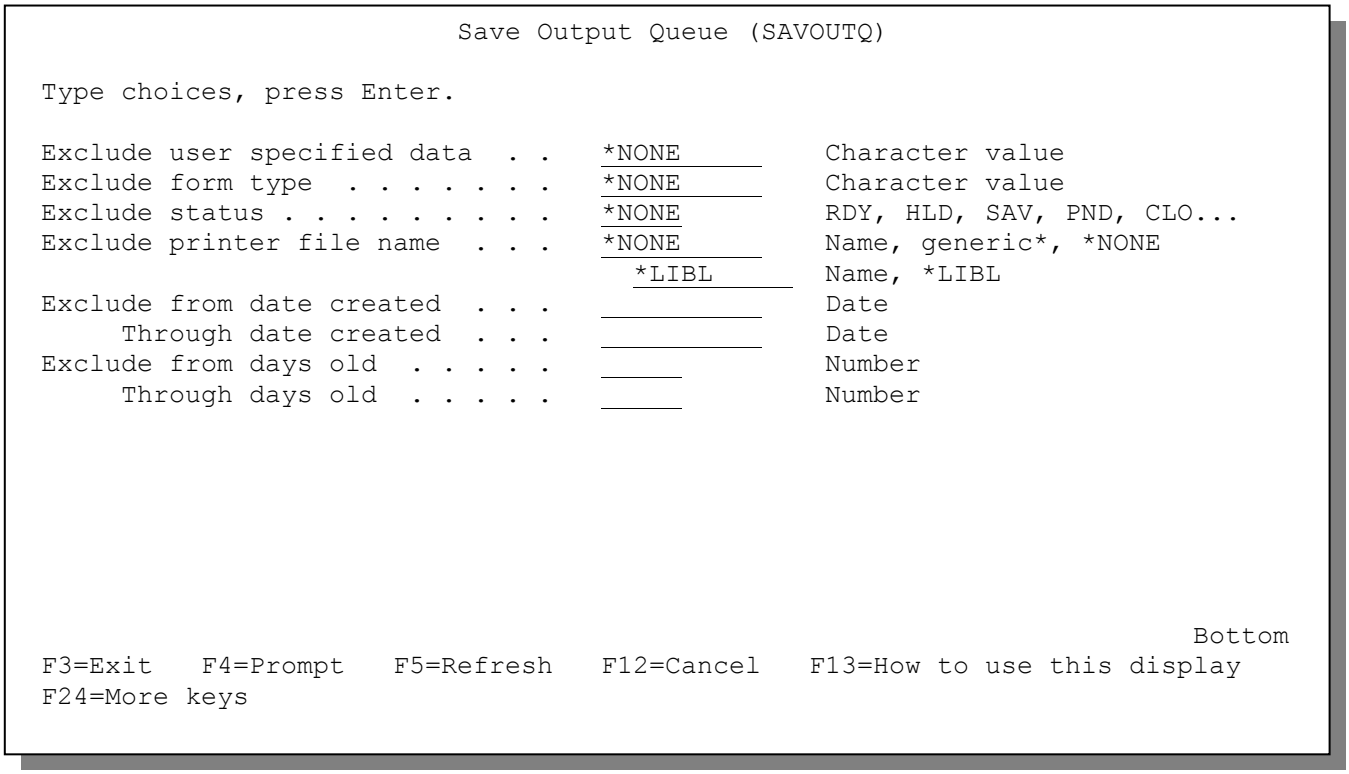
Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the save process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the save process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the save process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each save function performed using option 01 from the SOQ COLD Storage Menu will produce a Spool Files Passed To COLD Storage System report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Passed To COLD Storage System reports. This report will indicate which spool files were not saved and why they were not saved. An example of the Spool Files Passed To COLD Storage System report is shown below.

```
        RUN DATE: 10/11/99                          Your Company Name Here                                  PAGE:    1
        RUN TIME: 13:29:20                    S A V E   O U T P U T   Q U E U E                           PGM: SOR060
                                            SPOOL FILES PASSED TO COLD STORAGE SYSTEM

        JOB NAME.....: DSP01                                                DEVICE TYPE...............: *COLDSTG
        USER NAME....: QSECOFR                                              COLD STORAGE SYSTEM......: Metafile's MetaViewer
        JOB NUMBER...: 019854
        SAVE TEXT....: 214-234 view 1

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                 --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000001
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686     29 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000002
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000003
SOR030     000007 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000004
SOR030     000009 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000005
SOR030D    000011 QPRTJOB    QSECOFR    018686     22 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000006
SMPRINT    000003 BACKUP     QSYSOPR    007934      1 *STD       * SM ERROR QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000007
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000008
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000009
SOR030     000276 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000010
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000011
SOR120D    000285 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000012


 ***         12 SPOOL FILES PASSED TO COLD STORAGE.
```

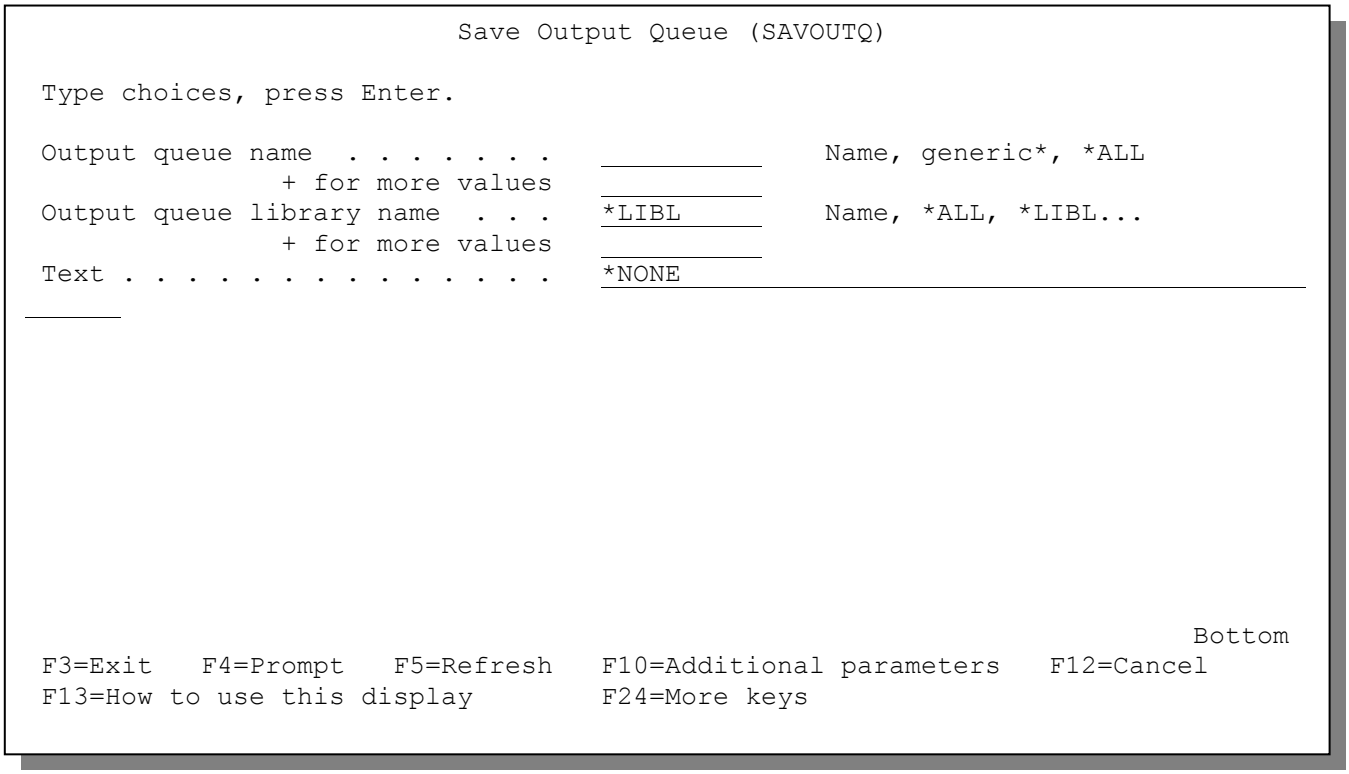
The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 10/11/99                          Your Company Name Here                                  PAGE:    1
        RUN TIME: 13:33:59                    S A V E   O U T P U T   Q U E U E                           PGM: SOR060
                                            SPOOL FILES PASSED TO COLD STORAGE SYSTEM

        JOB NAME.....: DSP01                                                DEVICE TYPE...............: *COLDSTG
        USER NAME....: QSECOFR                                              COLD STORAGE SYSTEM......: Metafile's MetaViewer
        JOB NUMBER...: 019854
        SAVE TEXT....: 214-234 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000001
SOR030     000006 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:00 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000002
SOR030D    000011 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:12 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000003
SOR120D    000014 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:18 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000004
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000005
SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000006
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000007
RSTOUTQCP  000273 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000008
SOR030     000278 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:49 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000009
SOR120     000283 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:56 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000010


 ***         10 SPOOL FILES PASSED TO COLD STORAGE.
```

The sample report shown above was produced by SOQ using print format 2.

SAVE SELECTED SPOOL FILES

To pass to your COLD storage system selected spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 02 from the SOQ COLD Storage Menu. After selecting option 02, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be selected. If *ALL is specified as the output queue, spool files may be selected from all output queues. On this prompt screen you may enter a description of the save function. The description entered is stored in the on-line history file to help identify the save function.



Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be saved. The first of these three screens is shown below.

```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, generic*, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL...
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE_____________________________________
______

                           Additional Parameters

 Tape option  . . . . . . . . . .   *REWIND       *REWIND, *LEAVE, *UNLOAD
 Job name . . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 User name  . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 Job number . . . . . . . . . . .   *ALL___       Character value
 Spool file name  . . . . . . . .   *ALL_____     Name, generic*, *ALL
 User specified data  . . . . . .   *ALL_____     Character value
 Form type  . . . . . . . . . . .   *ALL_____     Character value
                                                                    More...
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

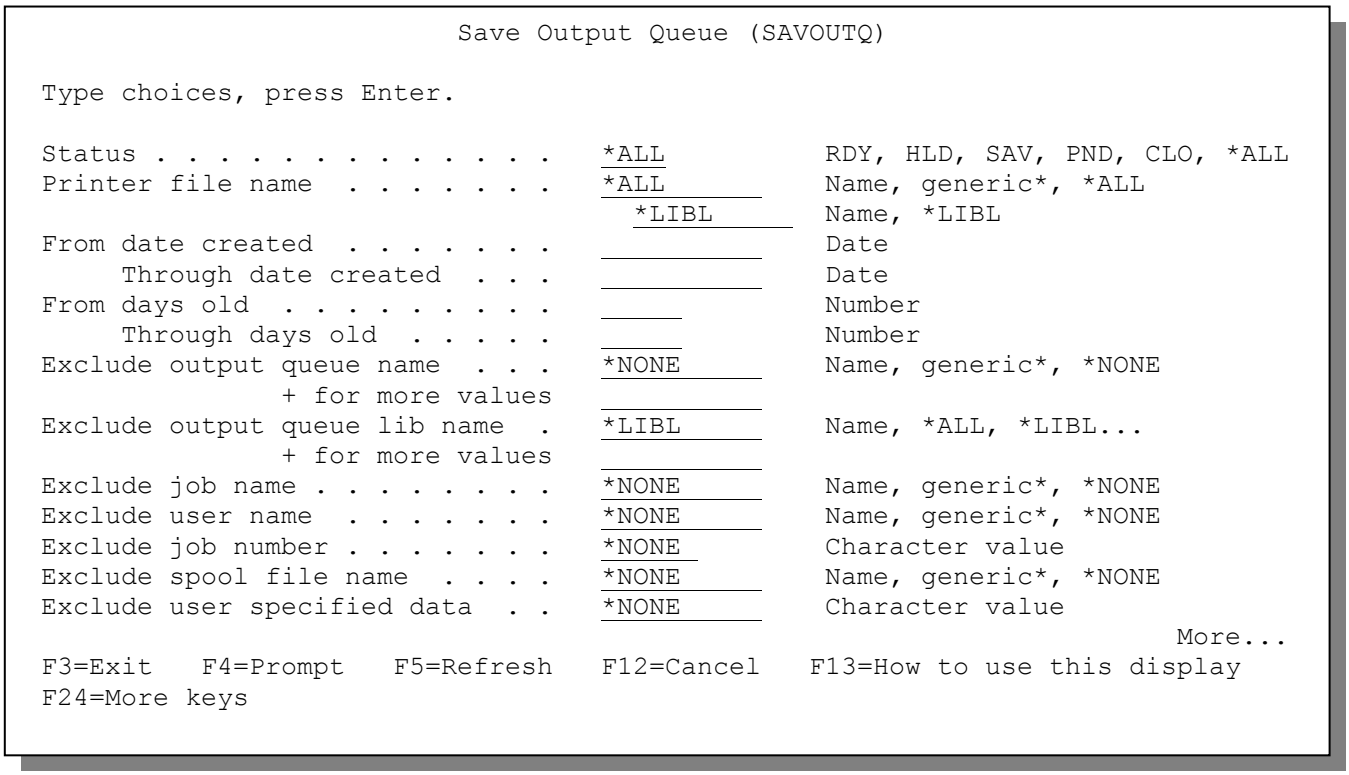
Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

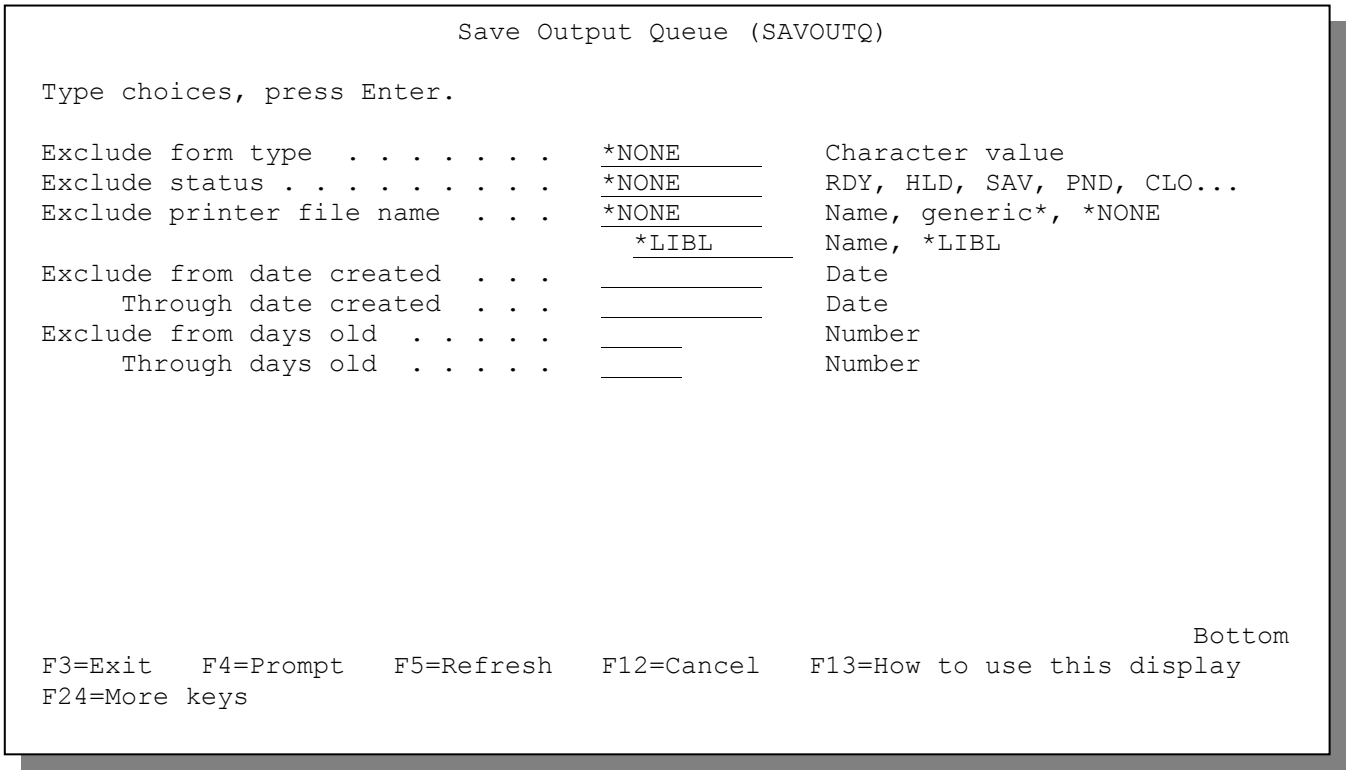
Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **SAVOUTQ** prompt screen, the Select Spool Files To Be Saved screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Saved screen lists all spool files that met the criteria specified on the **SAVOUTQ** prompt screens. This screen allows you to select specific spool files to be saved, displayed, or have their attributes displayed. Spool files are listed by library with a "header" record for each library identified by reverse image display.

```
 SOR030                        Your Company Name Here                        4/13/95
 SOR030D                  S A V E   O U T P U T   Q U E U E                  19:59:55
                            Select Spool Files To Be Saved

 Type options, press Enter.
 1=Select   5=Display spool file   8=Display attributes

Opt File        Nbr    Job Name   User       Number Pages  Sts  Cpy Form Type
    QPRINT      IN     LIBRARY    QGPL
 _  DELOUTQVC   000001 DELOUTQVC  QSECOFR    027143 000005 RDY  001 *STD
 _  DUPOUTQCP   000001 DUPOUTQCP  QSECOFR    027144 000007 RDY  001 *STD
 _  DUPOUTQVC   000001 DUPOUTQVC  QSECOFR    027145 000005 RDY  001 *STD
 _  HLP910      000001 HLP910     QSECOFR    027134 000022 RDY  001 *STD
 _  HLP920      000001 HLP920     QSECOFR    027135 000019 RDY  001 *STD
 _  HLP930      000001 HLP930     QSECOFR    027136 000014 RDY  001 *STD
 _  HLP940      000001 HLP940     QSECOFR    027137 000013 RDY  001 *STD
    QPRINTS     IN     LIBRARY    QGPL
 _  RSTOUTQVC   000001 RSTOUTQVC  QSECOFR    027147 000007 RDY  001 *STD
 _  SAVOUTQCP   000001 SAVOUTQCP  QSECOFR    027148 000014 RDY  001 *STD
                                                                      More...

 F1=Help   F3=Exit   F5=Display save criteria   F11=View 2   F12=Cancel
 F13=Select all   F17=Subset
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```

Field Definitions

Option - This field allows you to select one or more spool files to be saved, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be saved, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User name - This field indicates the name of the user that created the spool file.

Job number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

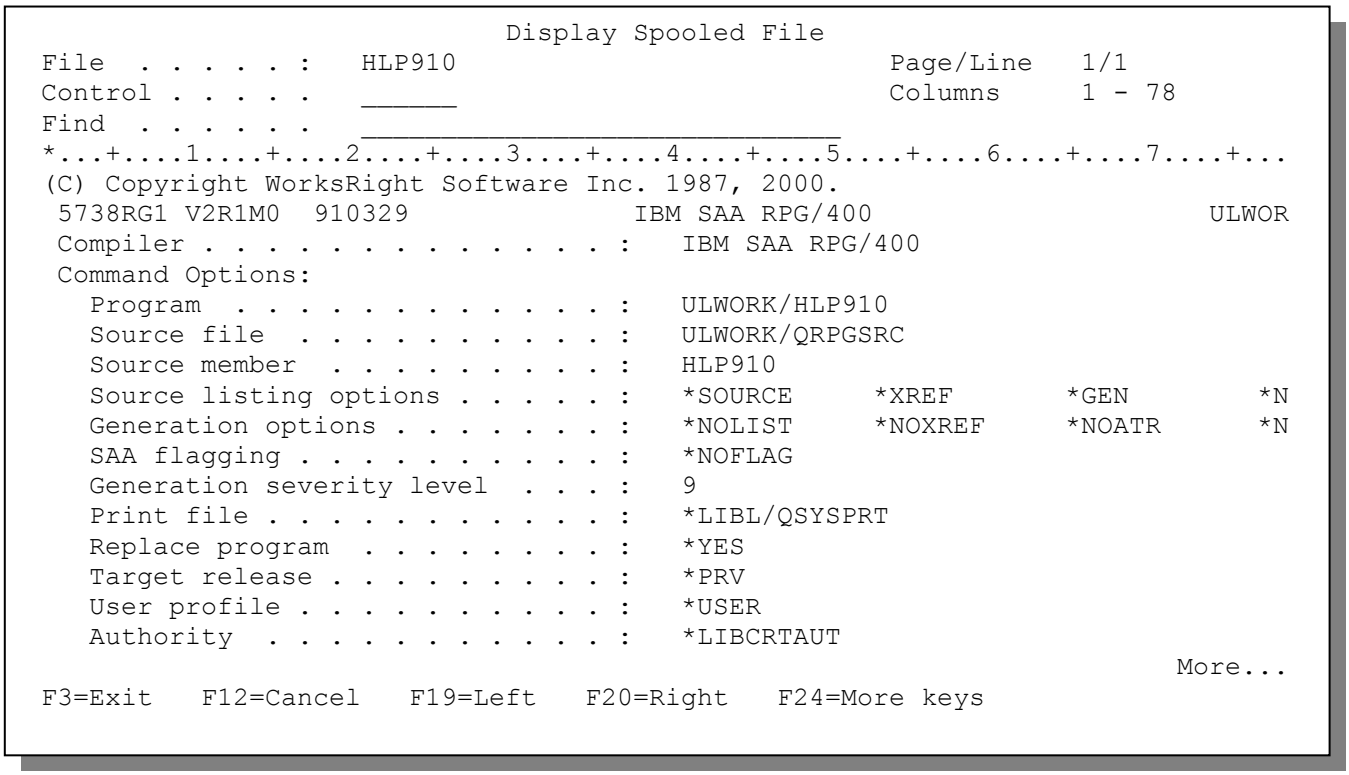
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



```
                            Display Spooled File
File  . . . . . :   HLP910                          Page/Line   1/1
Control . . . . .   ______                          Columns     1 - 78
Find  . . . . . .   ____________________________
*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+...
(C) Copyright WorksRight Software Inc. 1987, 2000.
 5738RG1 V2R1M0  910329              IBM SAA RPG/400                     ULWOR
 Compiler . . . . . . . . . . . . . :   IBM SAA RPG/400
 Command Options:
   Program  . . . . . . . . . . . . :   ULWORK/HLP910
   Source file  . . . . . . . . . . :   ULWORK/QRPGSRC
   Source member  . . . . . . . . . :   HLP910
   Source listing options . . . . . :   *SOURCE     *XREF       *GEN        *N
   Generation options . . . . . . . :   *NOLIST     *NOXREF     *NOATR      *N
   SAA flagging . . . . . . . . . . :   *NOFLAG
   Generation severity level  . . . :   9
   Print file . . . . . . . . . . . :   *LIBL/QSYSPRT
   Replace program  . . . . . . . . :   *YES
   Target release . . . . . . . . . :   *PRV
   User profile . . . . . . . . . . :   *USER
   Authority  . . . . . . . . . . . :   *LIBCRTAUT
                                                                      More...
F3=Exit   F12=Cancel   F19=Left   F20=Right   F24=More keys
```

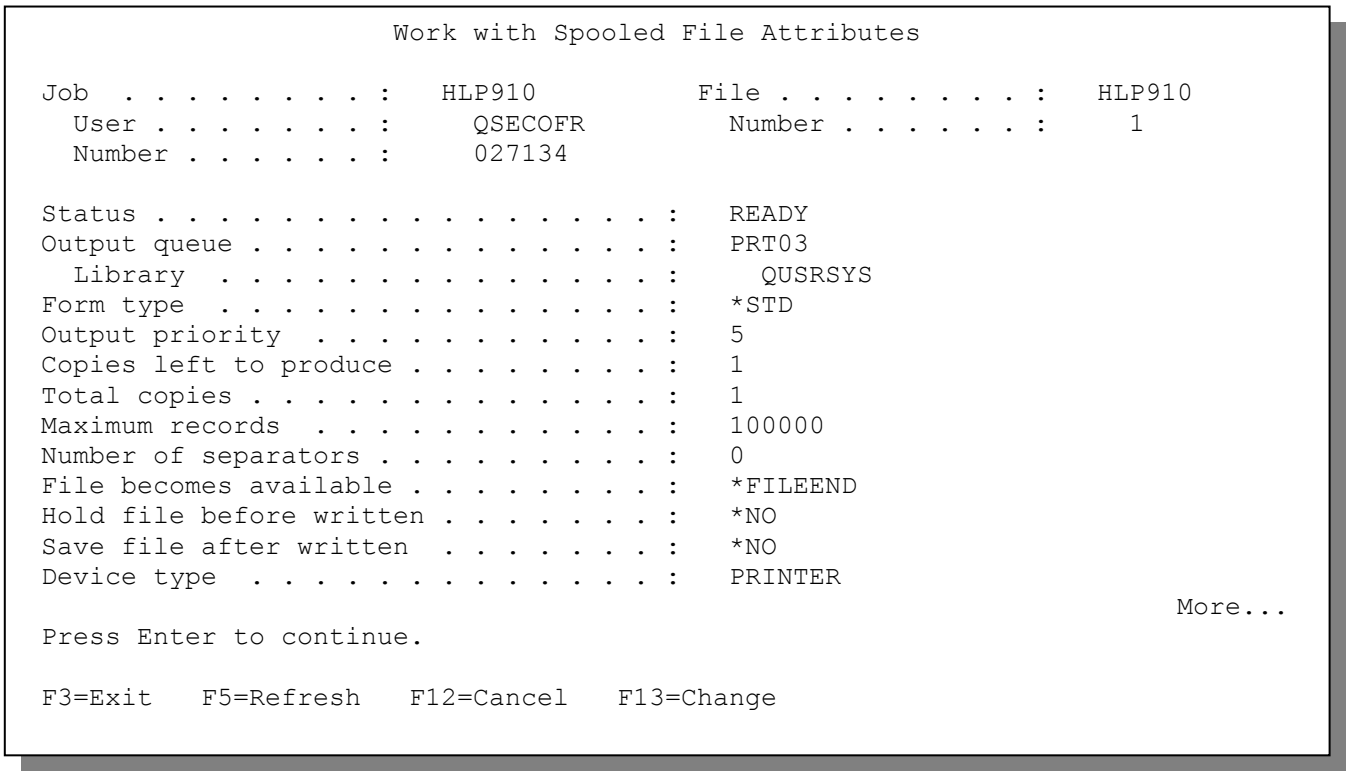
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

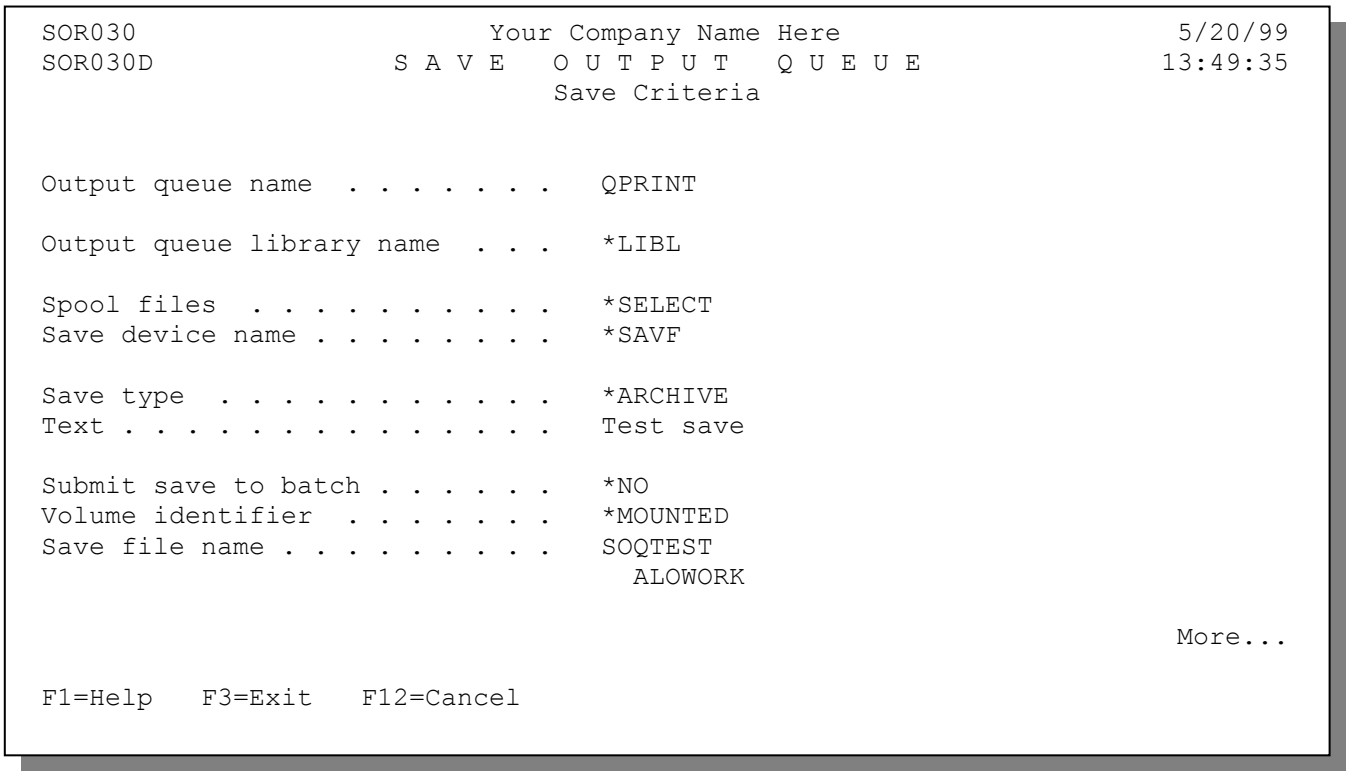
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Saved screen, the first of four Save Criteria screens can be accessed. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the first Save Criteria screen is shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue library name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device name - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

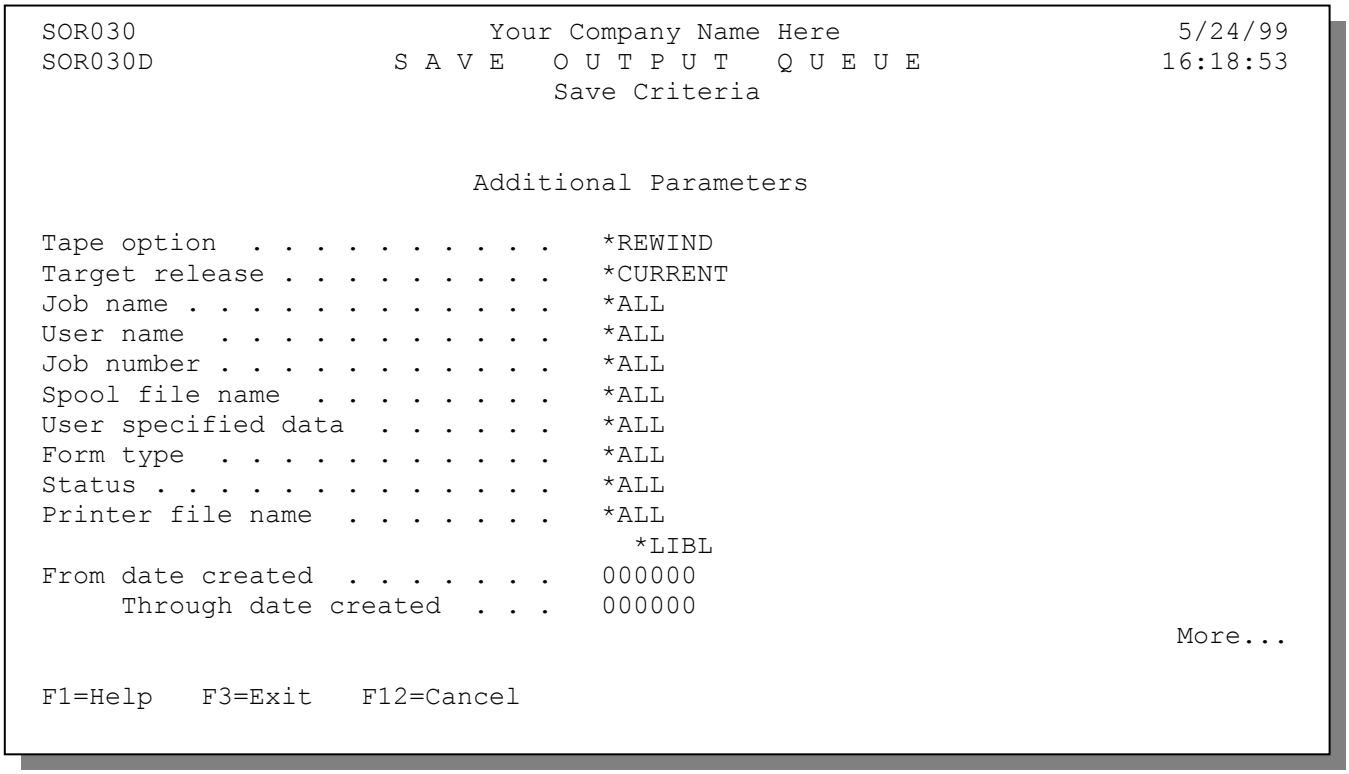
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the second Save Criteria screen is shown below.



Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool file can also be restored to a system with any subsequent release of the operating system installed.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

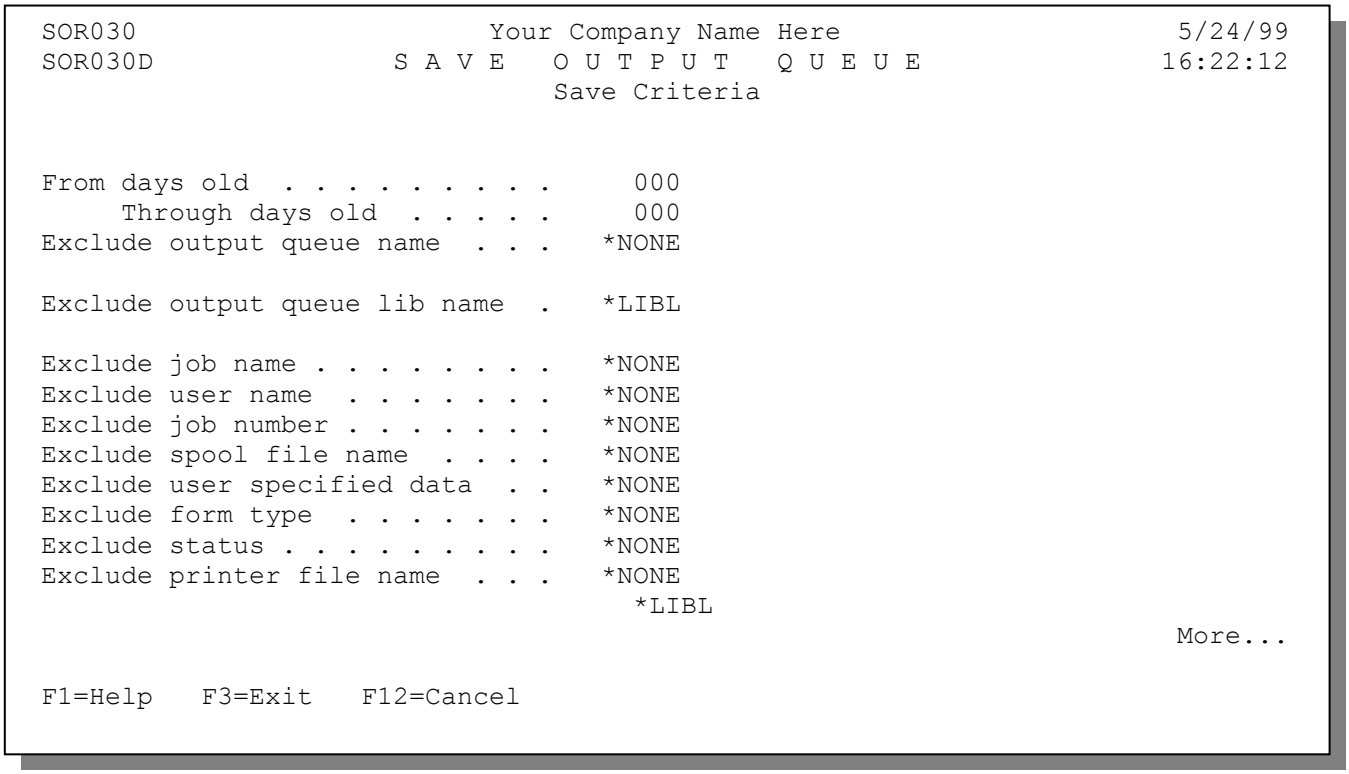
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

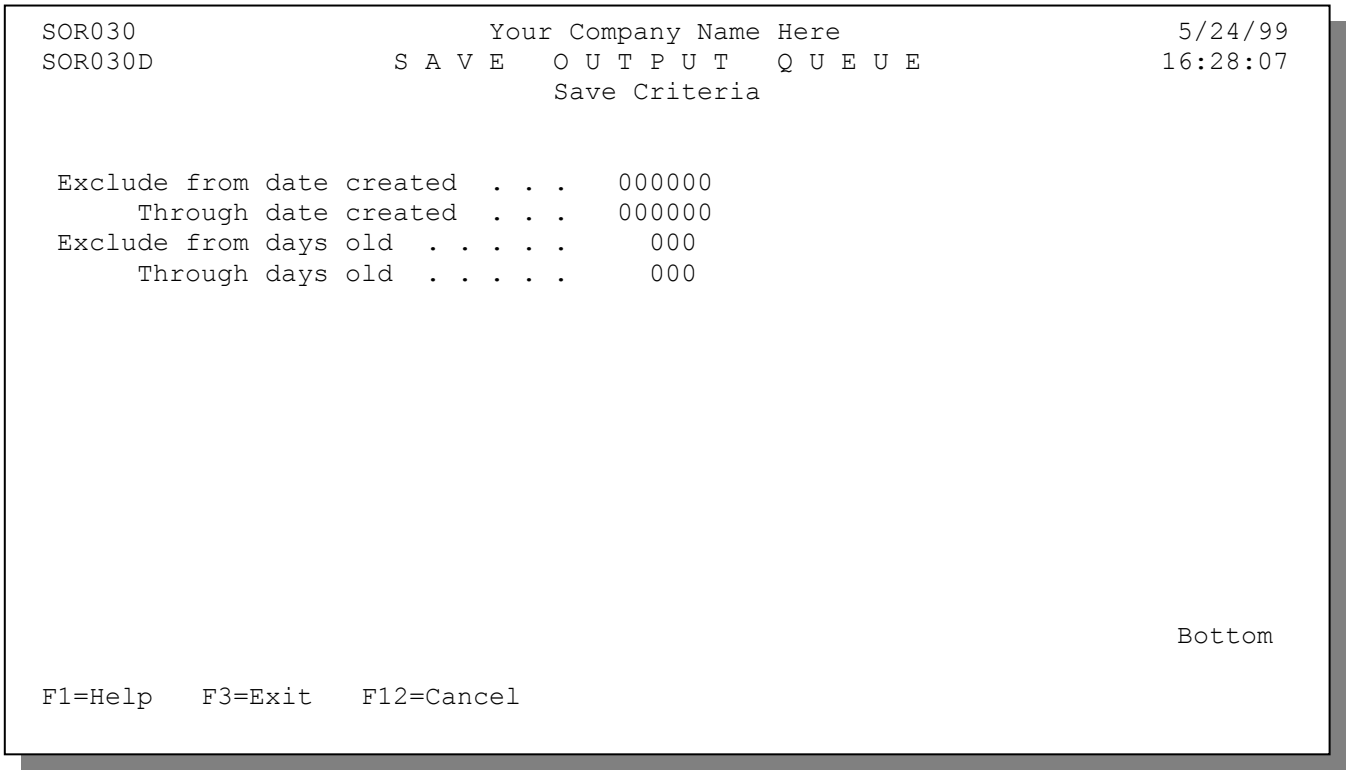
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each save function performed using option 02 from the SOQ COLD Storage Menu will produce a Spool Files Passed To COLD Storage System report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Passed To COLD Storage System reports. This report will indicate which spool files were not saved and why they were not saved. An example of the Spool Files Passed To COLD Storage System report is shown below.

```
        RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:29:20                   S A V E   O U T P U T   Q U E U E                          PGM: SOR060
                                           SPOOL FILES PASSED TO COLD STORAGE SYSTEM

        JOB NAME.....: DSP01                                          DEVICE TYPE..............: *COLDSTG
        USER NAME....: QSECOFR                                        COLD STORAGE SYSTEM......: Metafile's MetaViewer
        JOB NUMBER...: 019854
        SAVE TEXT....: 214-234 view 1

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000001
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686     29 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000002
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000003
SOR030     000007 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000004
SOR030     000009 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000005
SOR030D    000011 QPRTJOB    QSECOFR    018686     22 *STD                  QPRINT     QGPL       LOC: FILE SM001133 MBR SF000006
SMPRINT    000003 BACKUP     QSYSOPR    007934      1 *STD       * SM ERROR QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000007
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000008
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000009
SOR030     000276 DSP01      QSECOFR    004307     51 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000010
SOR030D    000281 DSP01      QSECOFR    004307     22 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000011
SOR120D    000285 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    LOC: FILE SM001133 MBR SF000012


 ***         12 SPOOL FILES PASSED TO COLD STORAGE.
```

The sample report shown above was produced by SOQ using print format 1.

```
        RUN DATE: 10/11/99                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:33:59                   S A V E   O U T P U T   Q U E U E                          PGM: SOR060
                                           SPOOL FILES PASSED TO COLD STORAGE SYSTEM

        JOB NAME.....: DSP01                                          DEVICE TYPE..............: *COLDSTG
        USER NAME....: QSECOFR                                        COLD STORAGE SYSTEM......: Metafile's MetaViewer
        JOB NUMBER...: 019854
        SAVE TEXT....: 214-234 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000001
SOR030     000006 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:00 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000002
SOR030D    000011 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:12 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000003
SOR120D    000014 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:18 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000004
SMPRINT    000152 QPRTJOB    QSYSOPR    004309 *STD        9/27/99  8:46:48 QPRINT     QGPL       LOC: FILE SM003133 MBR SF000005
SMPRINT    000003 BACKUP     QSYSOPR    004459 *STD        4/20/99 23:02:21 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000006
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000007
RSTOUTQCP  000273 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:43 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000008
SOR030     000278 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:49 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000009
SOR120     000283 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:56 QPRINT     QUSRSYS    LOC: FILE SM003133 MBR SF000010


 ***         10 SPOOL FILES PASSED TO COLD STORAGE.
```

The sample report shown above was produced by SOQ using print format 2.

CONVERT SPOOL FILES

See the "Convert Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

CONVERT SELECTED SPOOL FILES

See the "Convert Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DELETE SPOOL FILES

See the "Delete Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DELETE SELECTED SPOOL FILES

See the "Delete Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DUPLICATE SPOOL FILES

See the "Duplicate Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DUPLICATE SELECTED SPOOL FILES

See the "Duplicate Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

MOVE SPOOL FILES

See the "Move Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

MOVE SELECTED SPOOL FILES

See the "Move Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

WORK WITH ON-LINE HISTORY

See the "Work With On-Line History" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options. There is, however, a difference in the information displayed. When the option is selected from the SOQ Archival Menu, only archive history is displayed. When this option is selected from the SOQ Microfiche Menu, only microfiche history is displayed. When this option is selected from the SOQ COLD Storage Menu, only COLD storage history is displayed.

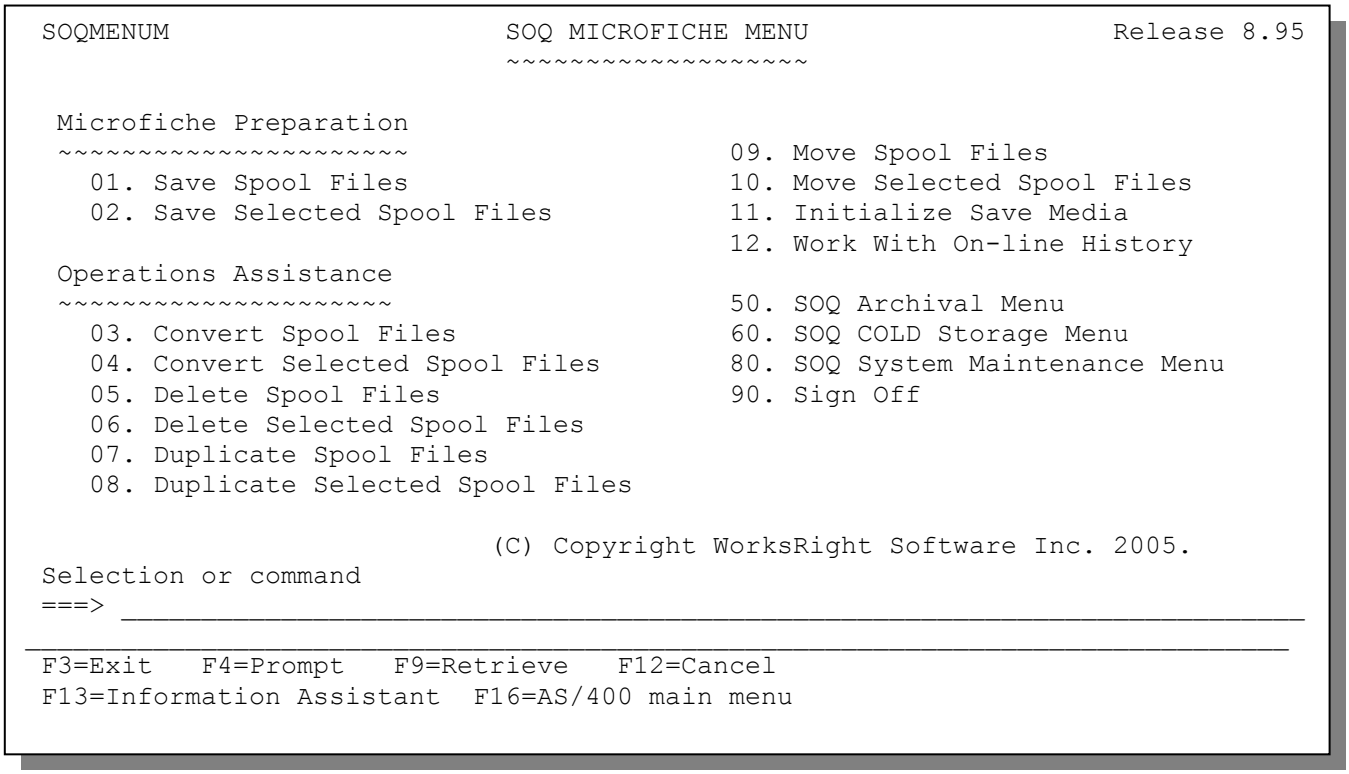
THE SOQ MICROFICHE MENU

The SOQ Microfiche Menu may be displayed at any workstation by entering the following command at any command entry display:

SOQ MENU(*MF)

...and pressing **ENTER**.

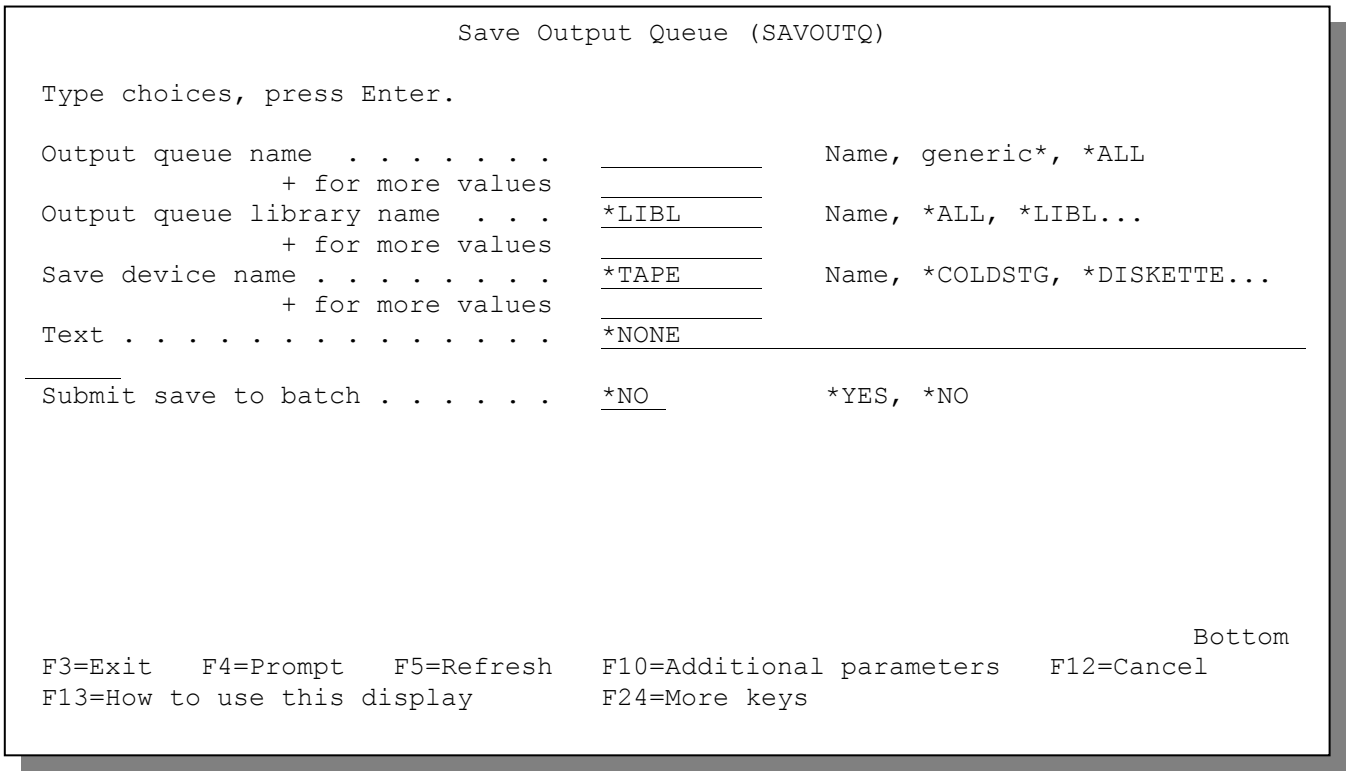
Below is an example of what the SOQ Microfiche Menu will look like. In the pages to follow, each option is explained in detail.



SAVE SPOOL FILES

To prepare for microfiche all spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 01 from the SOQ Microfiche Menu. After selecting option 01, you will be presented with a screen, similar to the one shown below, prompting for the output queue(s) from which spool files are to be saved. If *ALL is specified as the output queue, spool files are saved from all output queues. On this prompt screen you may also change the default save device name and enter a description of the save function. Any description entered is stored in the on-line history file to help identify the save function.

It is important to note that only spool files with user data matching the user data in a microfiche master record are saved.



Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG, *SAVF, and *OPTICAL are shown as a possible values, they are not valid when *save type* is *MICROFICHE.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be saved. The first of these three screens is shown below.

```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, generic*, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL...
                + for more values   __________
 Save device name . . . . . . . .   *TAPE_____    Name, *COLDSTG, *DISKETTE...
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE____________________________________________
______
 Submit save to batch . . . . . .   *NO_          *YES, *NO
 Volume identifier  . . . . . . .   *MOUNTED      Character value

                           Additional Parameters

 Tape option  . . . . . . . . . .   *REWIND       *REWIND, *LEAVE, *UNLOAD
 Job name . . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 User name  . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
                                                                        More...
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG is shown as a possible value, it is valid only when the *save type* is also *COLDSTG.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

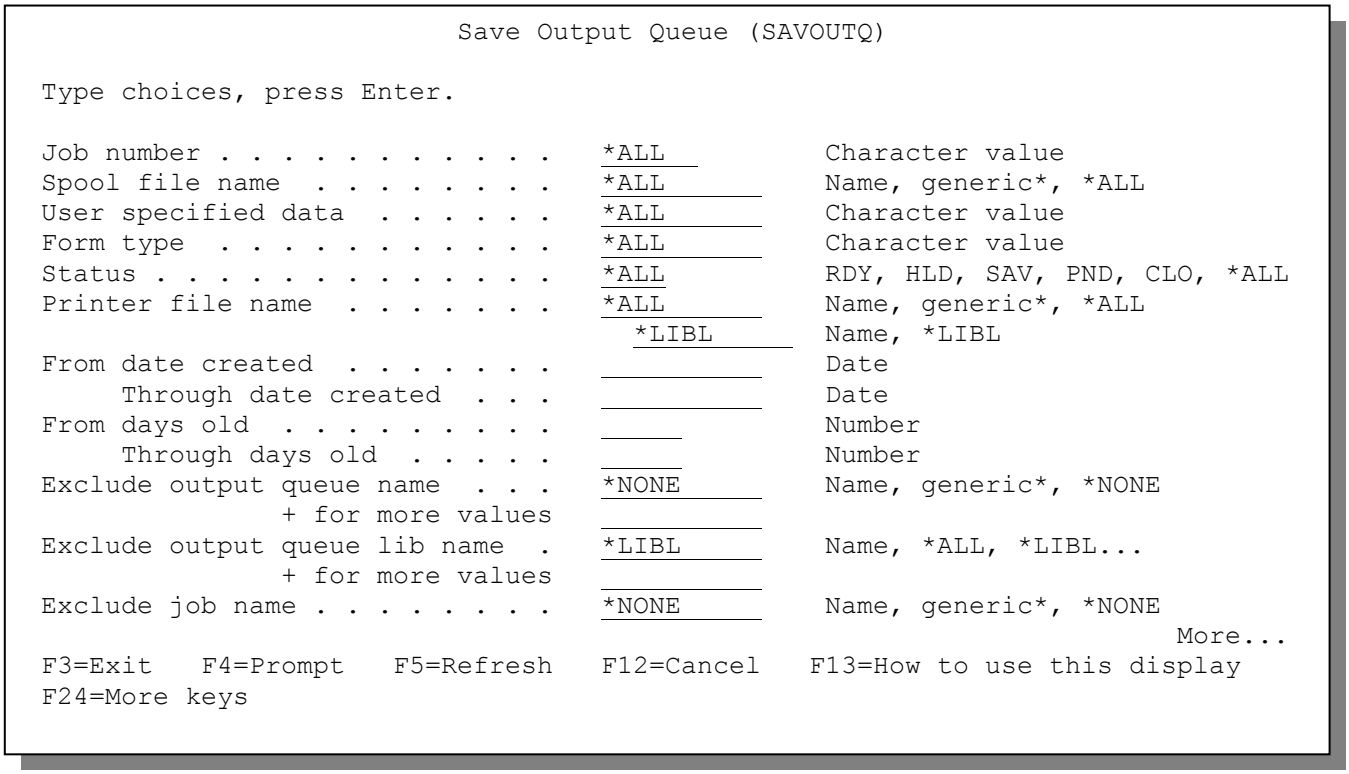
User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from this save. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

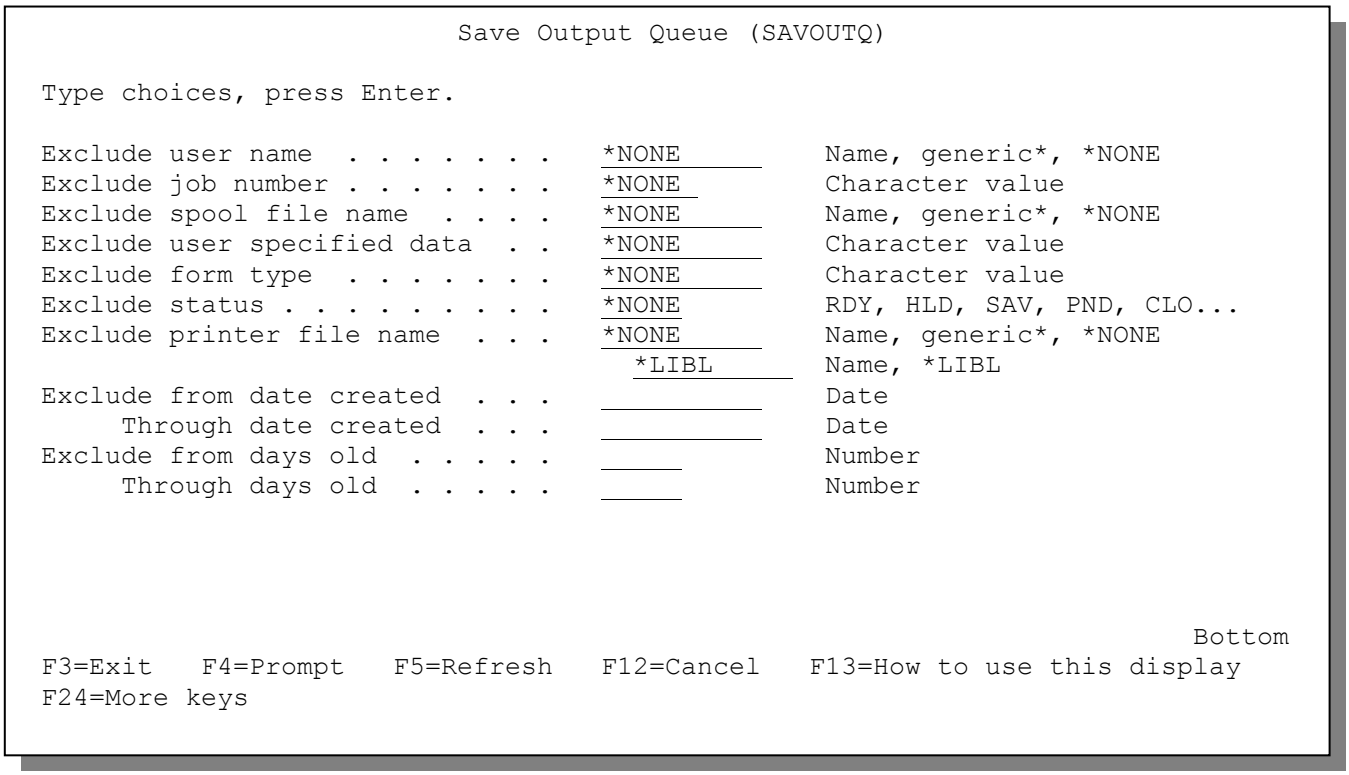
Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the save process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the save process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the save process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the save process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the save process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the save process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Each save function performed using option 01 from the SOQ Microfiche Menu will produce a Spool Files Prepared For Microfiche report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Prepared For Microfiche reports. This report will indicate which spool files were not saved and why they were not saved. An example of the Spool Files Prepared For Microfiche report is shown below.

```
RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
RUN TIME: 13:12:50                   S A V E   O U T P U T   Q U E U E                          PGM: SOR060
                                    SPOOL FILES PREPARED FOR MICROFICHE

JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
USER NAME....: QSECOFR                                        VOLUME ID.........: GSI01
JOB NUMBER...: 019854
SAVE TEXT....: 276-277 view 1

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
QSTRUP     000002 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000007 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030D    000011 QPRTJOB    QSECOFR    018686     22 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR120     000012 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR120D    000014 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SMPRINT    000003 BACKUP     QSYSOPR    010754      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120D    000285 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120K    000286 DSP01      QSECOFR    004307     44 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *


 ***         11 SPOOL FILES PREPARED FOR MICROFICHE.  ***          3 SPOOL FILES NOT PREPARED FOR MICROFICHE.
```

The sample report shown above was produced by SOQ using print format 1.

```
RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
RUN TIME: 13:21:24                   S A V E   O U T P U T   Q U E U E                          PGM: SOR060
                                    SPOOL FILES PREPARED FOR MICROFICHE

JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
JOB NUMBER...: 019854
SAVE TEXT....: 276-277 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:50 QPRINT     QGPL       SAVED AS FILE: REPORT
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000007 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:03 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000009 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:08 QPRINT     QGPL       SAVED AS FILE: REPORT
SMPRINT    000003 BACKUP     QSYSOPR    007934 *STD        5/31/99 23:04:04 QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
SMPRINT    000003 BACKUP     QSYSOPR    015657 *STD        8/23/99 23:03:51 QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR030     000278 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:49 QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120D    000284 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:57 QPRINT     QUSRSYS    SAVED AS FILE: REPORT


 ***          8 SPOOL FILES PREPARED FOR MICROFICHE.  ***          2 SPOOL FILES NOT PREPARED FOR MICROFICHE.
```

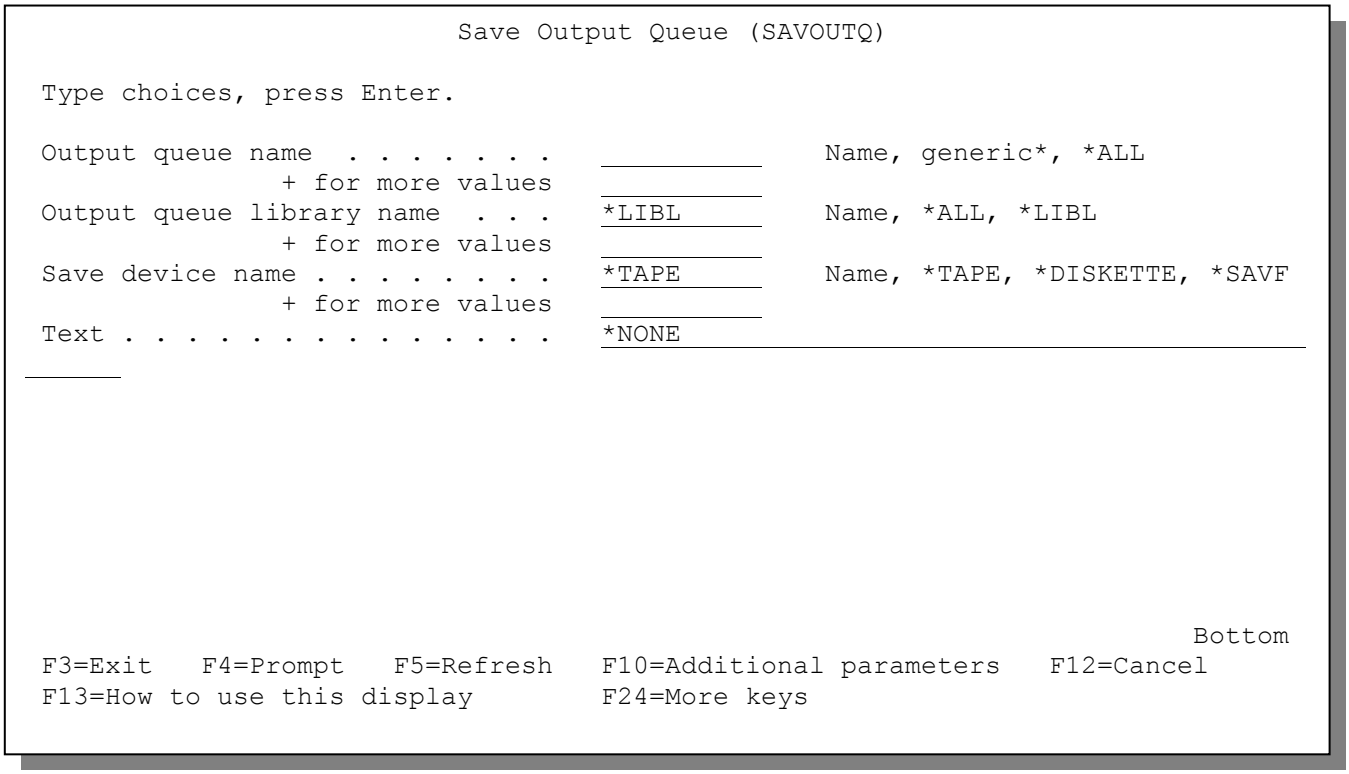
The sample report shown above was produced by SOQ using print format 2.

Each save function performed using option 01 from the SOQ Microfiche Menu will also produce a Service Order Information report. This report is placed in the output queue specified in your SOQ system defaults. The purpose of the Service Order Information report is to assist you in completing any service order form that may be required by the laboratory producing your microfiche. An example of the Service Order Information report is shown below.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:21:24                    S A V E   O U T P U T   Q U E U E                       PGM: SOR060
                                             MICROFICHE SERVICE ORDER INFORMATION

        JOB NAME.....: DSP01                                                DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                              VOLUME ID.........: TAP001
        JOB NUMBER...: 019854
        SAVE TEXT....: 276-277 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER TAPE / DKT SEQ  - FICHE -
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  FILE NAME  NBR  ORIG COPY  DESCRIPTION
---------- ------ ---------- ---------- ------ ------ ---------- ---- ---- ----  --------------------------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 REPORT        1    1    0  Microfiche Master Rec for spl files w/no usr data.
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686     29 REPORT        2    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000005 QPRTJOB    QSECOFR    018686     51 REPORT        3    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000007 QPRTJOB    QSECOFR    018686     51 REPORT        4    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000009 QPRTJOB    QSECOFR    018686     51 REPORT        5    1    0  Microfiche Master Rec for spl files w/no usr data.
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 REPORT        6    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000278 DSP01      QSECOFR    004307     51 REPORT        7    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR120D    000284 DSP01      QSECOFR    004307     30 REPORT        8    1    0  Microfiche Master Rec for spl files w/no usr data.


 ***          8 SPOOL FILES PREPARED FOR MICROFICHE.
```

SAVE SELECTED SPOOL FILES

To prepare for microfiche selected spool files meeting criteria that can be specified on the **SAVOUTQ** command, select option 02 from the SOQ Microfiche Menu. After selecting option 02, you will be presented with a screen, similar to the one shown below, prompting for the output queue from which spool files are to be selected. If *ALL is specified as the output queue, spool files may be selected from all output queues. On this prompt screen you may also change the default save device name and enter a description of the save function. Any description entered is stored in the on-line history file to help identify the save function.



Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG, *SAVF, and *OPTICAL are shown as a possible values, they are not valid when *save type* is *MICROFICHE.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F10** on the **SAVOUTQ** prompt screen, the extended **SAVOUTQ** prompt screens can be accessed. These screens allow you to specify additional criteria that must be met by each spool file to be saved. The first of these three screens is shown below.

```
                          Save Output Queue (SAVOUTQ)

 Type choices, press Enter.

 Output queue name  . . . . . . .   __________    Name, generic*, *ALL
                + for more values   __________
 Output queue library name  . . .   *LIBL_____    Name, *ALL, *LIBL
                + for more values   __________
 Save device name . . . . . . . .   *TAPE_____    Name, *TAPE, *DISKETTE, *SAVF
                + for more values   __________
 Text . . . . . . . . . . . . . .   *NONE____________________________________________
______
 Volume identifier  . . . . . . .   *MOUNTED      Character value

                           Additional Parameters

 Tape option  . . . . . . . . . .   *REWIND       *REWIND, *LEAVE, *UNLOAD
 Job name . . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 User name  . . . . . . . . . . .   *ALL_____     Name, generic*, *ALL
 Job number . . . . . . . . . . .   *ALL___       Character value
                                                                        More...
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Field Definitions

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

> **Note:** Although *COLDSTG, *SAVF, and *OPTICAL are shown as a possible values, they are not valid when *save type* is *MICROFICHE.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

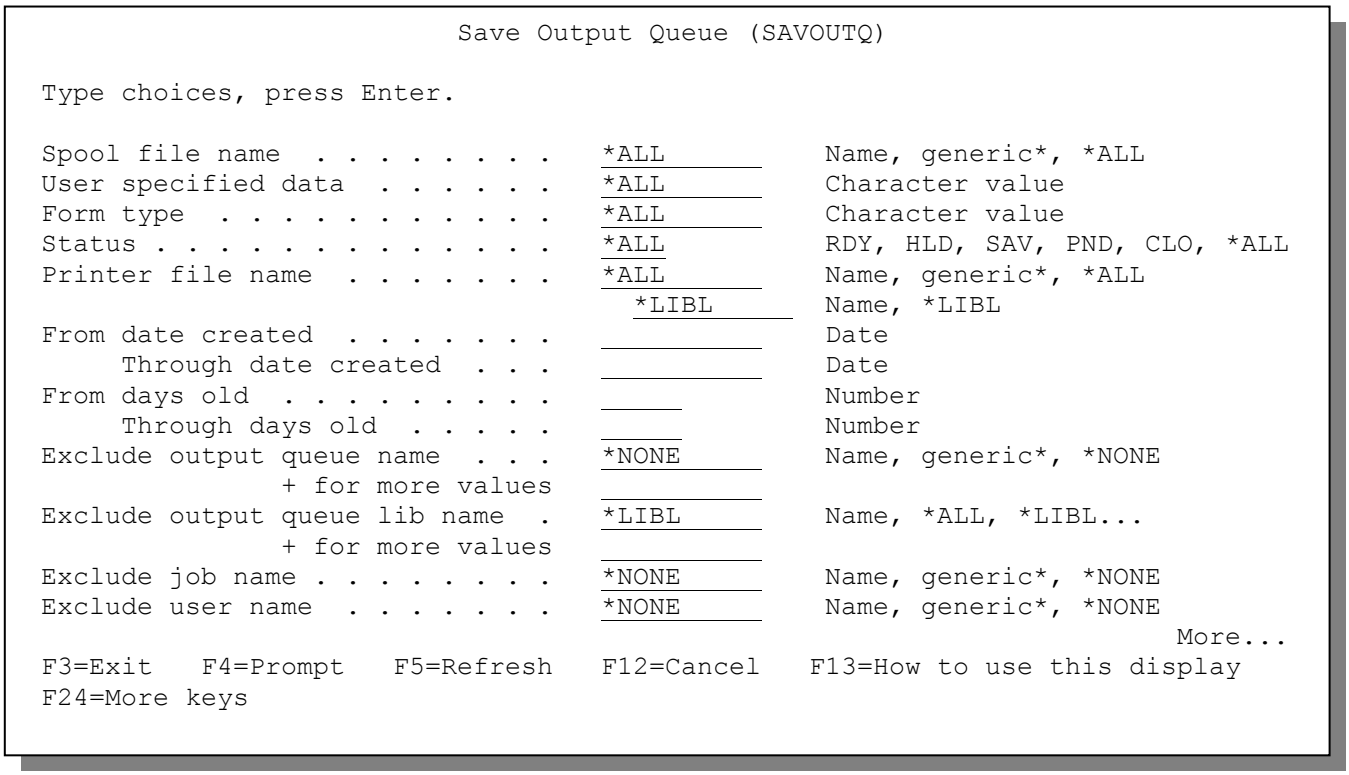
User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the first extended **SAVOUTQ** prompt screen, the second extended **SAVOUTQ** prompt screen can be accessed. An example of the second extended **SAVOUTQ** prompt screen is shown below.



```
                          Save Output Queue (SAVOUTQ)

Type choices, press Enter.

Spool file name  . . . . . .   *ALL          Name, generic*, *ALL
User specified data  . . . . .   *ALL        Character value
Form type  . . . . . .  . . .   *ALL         Character value
Status . . . . . .  . . . . .   *ALL         RDY, HLD, SAV, PND, CLO, *ALL
Printer file name  . . . . . .   *ALL        Name, generic*, *ALL
                                   *LIBL      Name, *LIBL
From date created  . . . . . .                Date
     Through date created  . . .              Date
From days old  . . . . . .  . .               Number
     Through days old  . . . . .              Number
Exclude output queue name  . . .   *NONE      Name, generic*, *NONE
               + for more values
Exclude output queue lib name  .   *LIBL      Name, *ALL, *LIBL...
               + for more values
Exclude job name . . . . . .  .   *NONE       Name, generic*, *NONE
Exclude user name  . . . . . .   *NONE        Name, generic*, *NONE
                                                                  More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the selection list. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the selection list. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

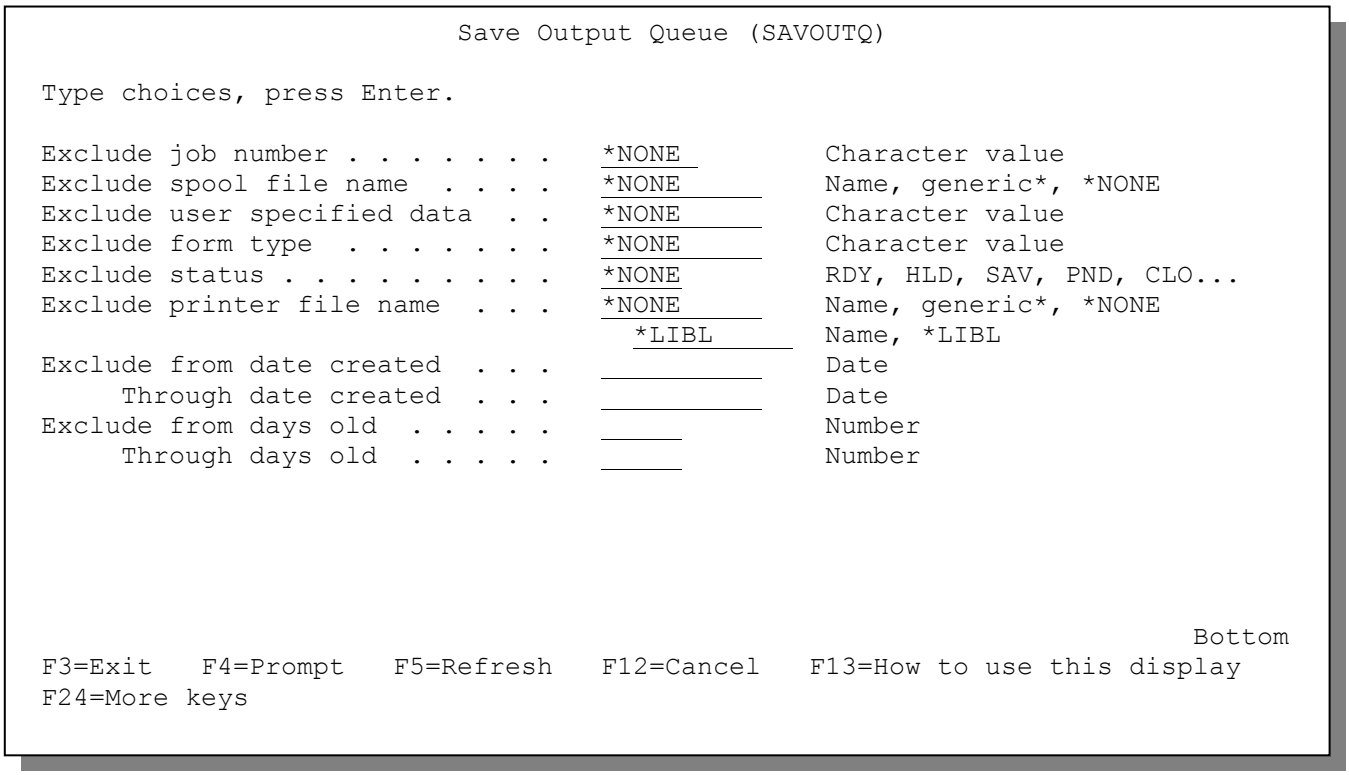
Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the selection list. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing the roll up keys while on the second extended **SAVOUTQ** prompt screen, the third extended **SAVOUTQ** prompt screen can be accessed. An example of the third extended **SAVOUTQ** prompt screen is shown below.



Field Definitions

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the selection list. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the selection list. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the selection list. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the selection list. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the selection list were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the selection list. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

After pressing **ENTER** on the **SAVOUTQ** prompt screen, the Select Spool Files To Be Saved screen is displayed. An example of this screen is shown below. The Select Spool Files To Be Saved screen lists all spool files that met the criteria specified on the **SAVOUTQ** prompt screens. This screen allows you to select specific spool files to be saved, displayed, or have their attributes displayed. Spool files are listed by library with a "header" record for each library identified by reverse image display.

```
 SOR030                        Your Company Name Here                        4/13/95
 SOR030D                  S A V E   O U T P U T   Q U E U E                  19:59:55
                            Select Spool Files To Be Saved

 Type options, press Enter.
 1=Select   5=Display spool file   8=Display attributes

Opt File       Nbr    Job Name   User       Number Pages  Sts  Cpy Form Type
    QPRINT     IN     LIBRARY    QGPL
 _  DELOUTQVC  000001 DELOUTQVC  QSECOFR    027143 000005 RDY  001 *STD
 _  DUPOUTQCP  000001 DUPOUTQCP  QSECOFR    027144 000007 RDY  001 *STD
 _  DUPOUTQVC  000001 DUPOUTQVC  QSECOFR    027145 000005 RDY  001 *STD
 _  HLP910     000001 HLP910     QSECOFR    027134 000022 RDY  001 *STD
 _  HLP920     000001 HLP920     QSECOFR    027135 000019 RDY  001 *STD
 _  HLP930     000001 HLP930     QSECOFR    027136 000014 RDY  001 *STD
 _  HLP940     000001 HLP940     QSECOFR    027137 000013 RDY  001 *STD
    QPRINTS    IN     LIBRARY    QGPL
 _  RSTOUTQVC  000001 RSTOUTQVC  QSECOFR    027147 000007 RDY  001 *STD
 _  SAVOUTQCP  000001 SAVOUTQCP  QSECOFR    027148 000014 RDY  001 *STD
                                                                    More...

 F1=Help   F3=Exit   F5=Display save criteria   F11=View 2   F12=Cancel
 F13=Select all   F17=Subset
 (C) Copyright WorksRight Software Inc. 2005.
```

Field Definitions

Option - This field allows you to select one or more spool files to be saved, to be displayed, or to have their attributes displayed. Valid values are "1" to select the spool file to be saved, "5" to select the spool file to be displayed, and "8" to have the spool file's attributes displayed.

File - This field indicates the name of the spooled output file. The spooled output file name is determined when the spool file is created. For more information, review the **CRTPRTF** and **OVRPRTF** commands in your CL reference manuals.

Spool file number - This field indicates the number of the spooled output file. The spooled output file number is assigned by the computer when the spool file is created.

Job name - This field indicates the name of the job that created the spool file.

User name - This field indicates the name of the user that created the spool file.

Job number - This field indicates the job number that created the spool file.

Pages - This field indicates the number of pages contained within the spool file.

Status - This field indicates the status of the spool file on the output queue. The value of this field will always be RDY, OPN, CLO, HLD, SAV, WTR, PND, PRT, DFR, or MSGW. For a detailed explanation of each of these statuses, execute the **WRKOUTQ** command and press the **HELP** key.

Copies - This field indicates the number of copies of the spool file that are to be printed.

Form type - This field indicates the type of forms to be used when printing the spool file.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F5*** while on this screen will cause the criteria specified with the **SAVOUTQ** command to be displayed.

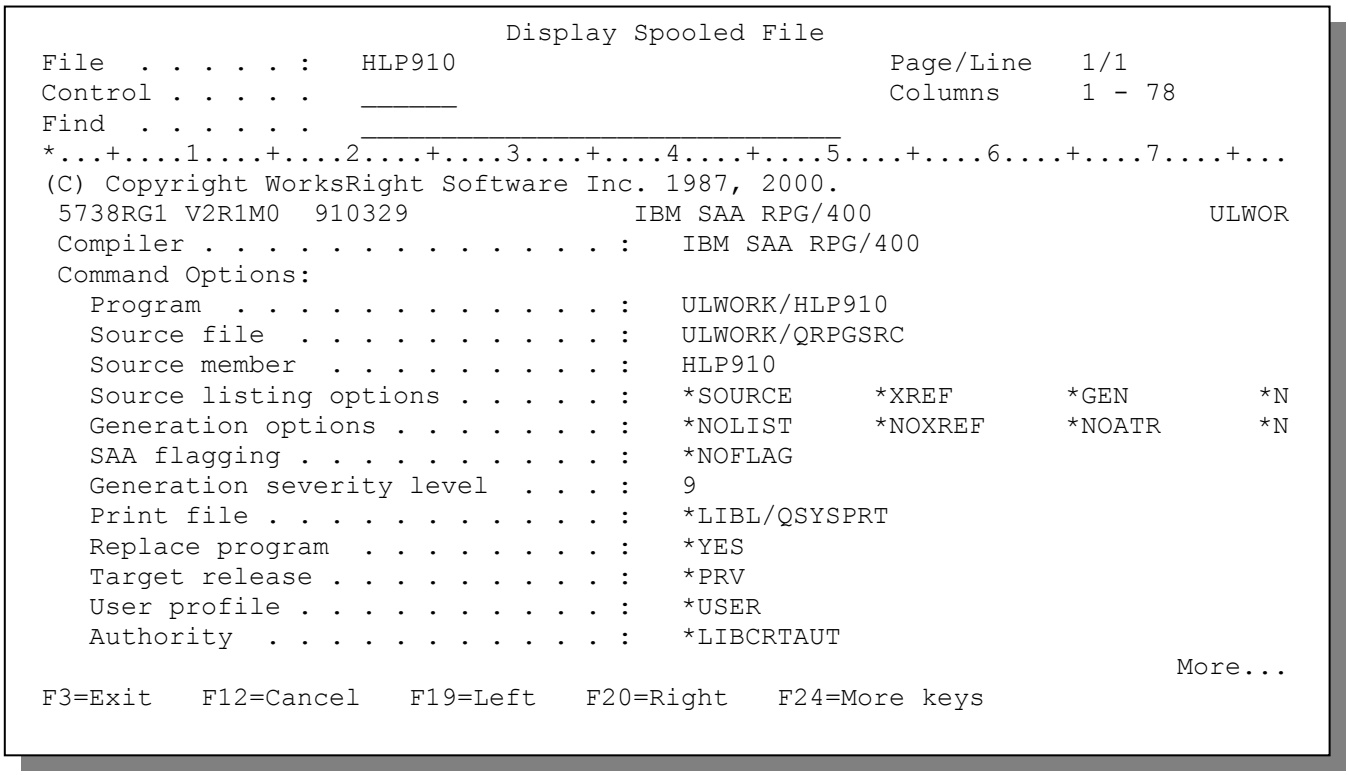
Pressing ***F11*** while on this screen will cause the alternate view of this list of spool files to be displayed. Information shown in the alternate view includes spool file user data, creation date and creation time.

Pressing ***F12*** while on this screen will also return you to the SOQ menu from which this option was selected.

Pressing ***F13*** while on this screen will cause all spool files listed to be selected with option "1."

Pressing ***F17*** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to limit the entries listed on this screen by specifying subset criteria.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 5, the Display Spool File screen can be accessed. This is the same screen that would be displayed if the **DSPSPLF** command were used. For more information concerning this screen, review the **DSPSPLF** command in your CL reference manual. An example of the Display Spool File screen is shown below.



```
                            Display Spooled File
File  . . . . . :   HLP910                          Page/Line   1/1
Control . . . . .   ______                          Columns     1 - 78
Find  . . . . . .   ____________________________
*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+...
(C) Copyright WorksRight Software Inc. 1987, 2000.
 5738RG1 V2R1M0  910329              IBM SAA RPG/400                     ULWOR
 Compiler . . . . . . . . . . . . . :   IBM SAA RPG/400
 Command Options:
   Program  . . . . . . . . . . . . :   ULWORK/HLP910
   Source file  . . . . . . . . . . :   ULWORK/QRPGSRC
   Source member  . . . . . . . . . :   HLP910
   Source listing options . . . . . :   *SOURCE     *XREF       *GEN        *N
   Generation options . . . . . . . :   *NOLIST     *NOXREF     *NOATR      *N
   SAA flagging . . . . . . . . . . :   *NOFLAG
   Generation severity level  . . . :   9
   Print file . . . . . . . . . . . :   *LIBL/QSYSPRT
   Replace program  . . . . . . . . :   *YES
   Target release . . . . . . . . . :   *PRV
   User profile . . . . . . . . . . :   *USER
   Authority  . . . . . . . . . . . :   *LIBCRTAUT
                                                                      More...
F3=Exit   F12=Cancel   F19=Left   F20=Right   F24=More keys
```

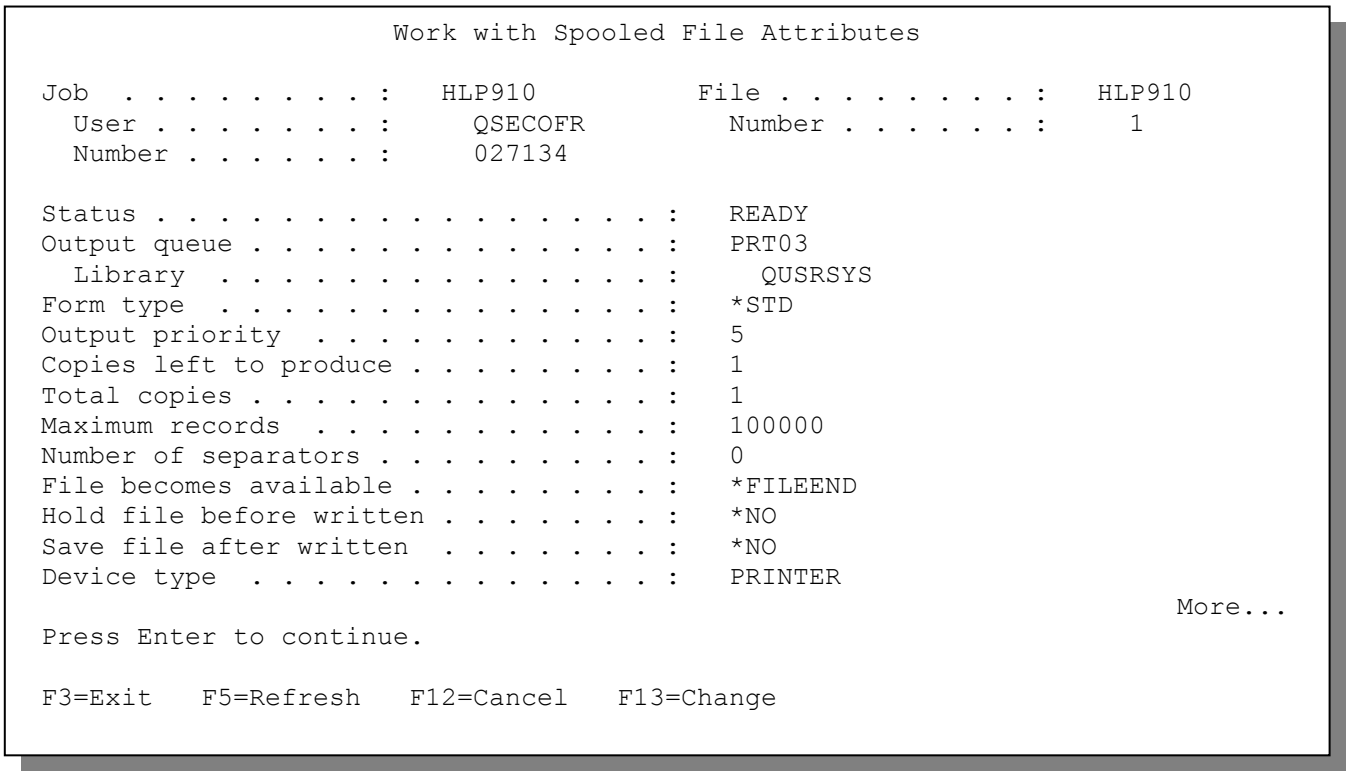
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By selecting a spool file from the Select Spool Files To Be Saved screen using option 8, the Work with Spool File Attributes screen can be accessed. This is the same screen that would be displayed if the **WRKSPLFA** command were used. For more information concerning this screen, review the **WRKSPLFA** command in your CL reference manual. An example of the Work with Spool File Attributes screen is shown below.



```
                    Work with Spooled File Attributes

Job  . . . . . :   HLP910          File . . . . . :   HLP910
  User . . . . . :     QSECOFR        Number . . . . . :     1
  Number . . . . . :     027134

Status . . . . . :   READY
Output queue . . . . . :   PRT03
  Library  . . . . . :     QUSRSYS
Form type  . . . . . :   *STD
Output priority  . . . . . :   5
Copies left to produce . . . . . :   1
Total copies . . . . . :   1
Maximum records  . . . . . :   100000
Number of separators . . . . . :   0
File becomes available . . . . . :   *FILEEND
Hold file before written . . . . . :   *NO
Save file after written  . . . . . :   *NO
Device type  . . . . . :   PRINTER
                                                                    More...
Press Enter to continue.

F3=Exit   F5=Refresh   F12=Cancel   F13=Change
```

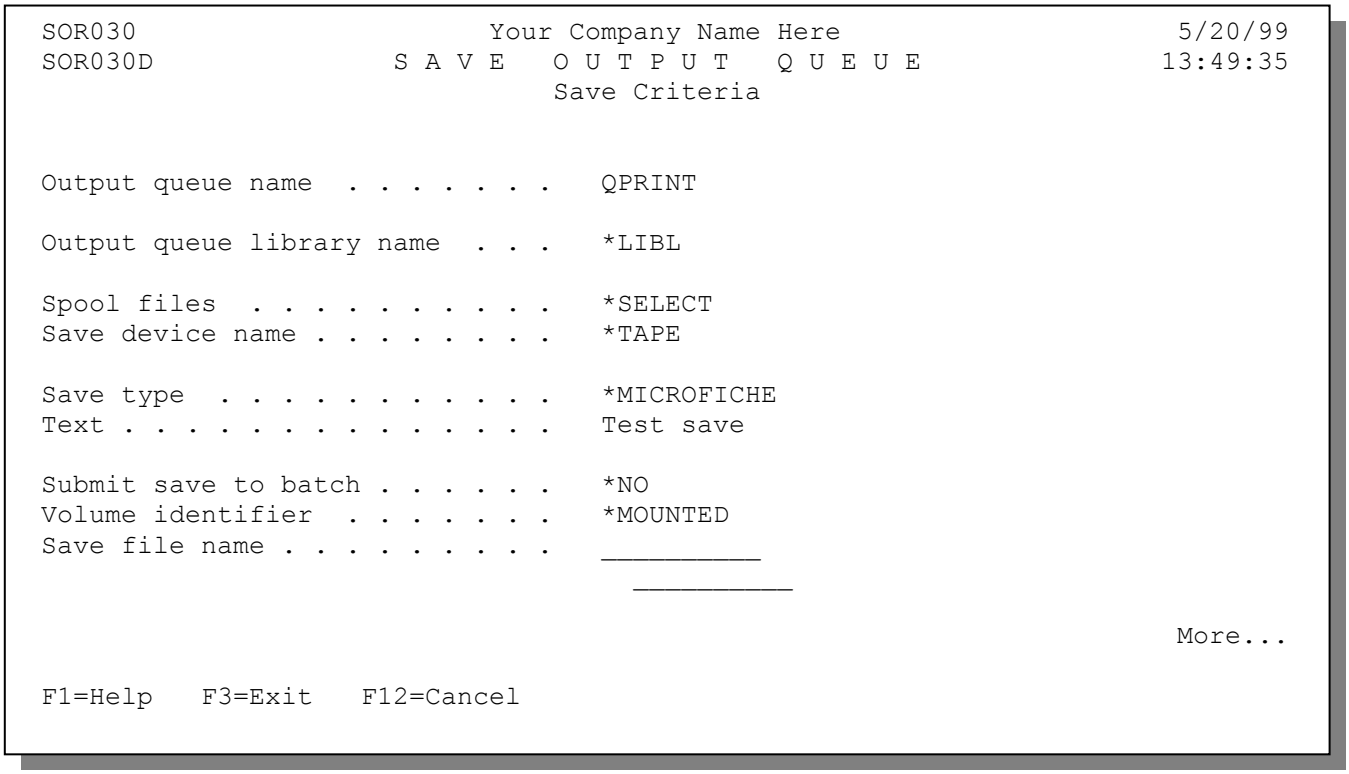
Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

By pressing **F5** while on the Select Spool Files To Be Saved screen, the first of four Save Criteria screens can be accessed. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the first Save Criteria screen is shown below.



Field Definitions

Output queue name - This field indicates the output queue names that were specified with the **SAVOUTQ** command.

Output queue library name - This field indicates the output queue library names that were specified with the **SAVOUTQ** command.

Spool files - This parameter determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of spool files that meet the criteria specified.

Save device names - This parameter determines the device that will be used while saving the spool files. The default value is determined by your SOQ system defaults and may be changed before proceeding.

Text - This parameter allows users to provide a brief description of this save. A good description is useful in identifying the proper save from which a spool file should be restored.

Submit save to batch - This parameter determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This parameter determines the volume ID of the tape, diskette, or optical media to be used while processing this save request. If the volume ID of the tape, diskette, or optical media mounted does not match the value specified, SOQ will not process the save request and an error message will be issued.

Save file name - This parameter indicates the name of the save file to be used by SOQ while processing this save request. This parameter is used only if a *save device name* of *SAVF is specified. The save file specified must currently exist on your system.

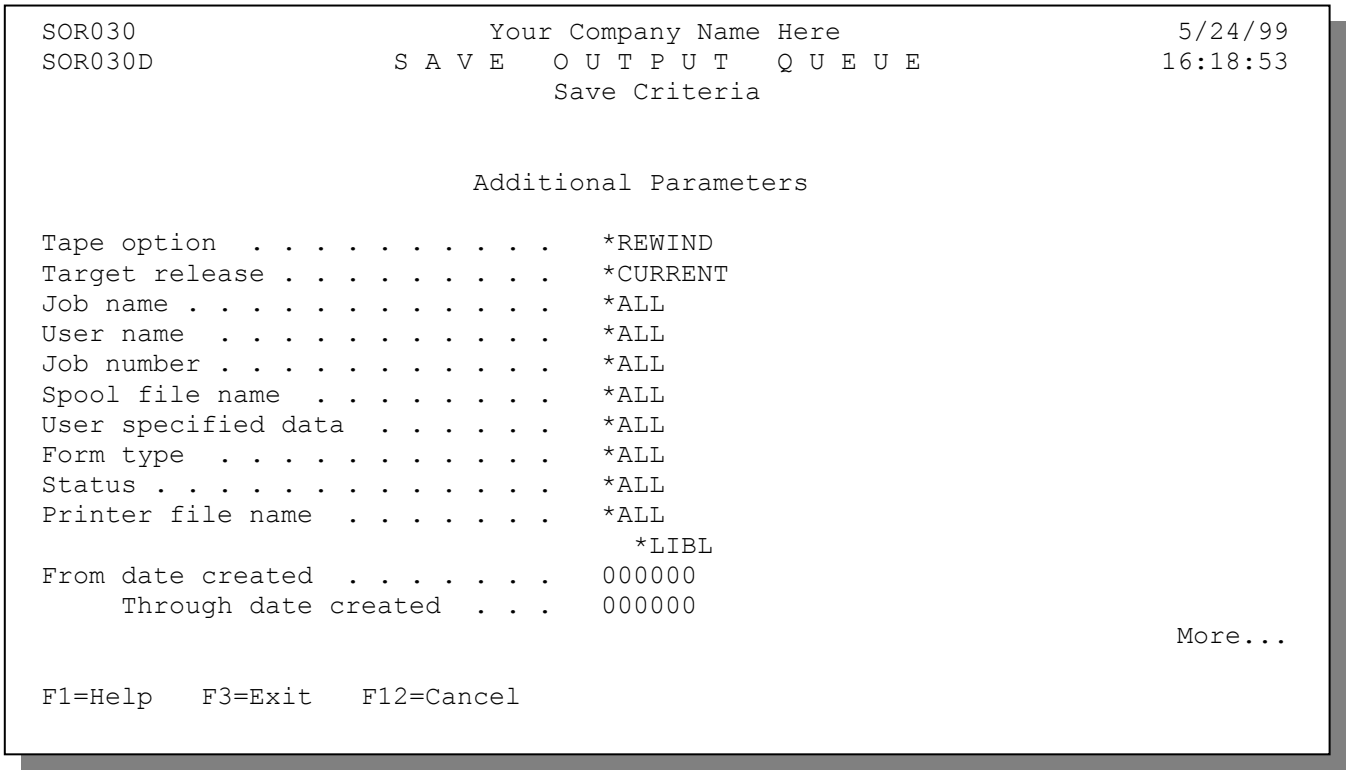
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the first Save Criteria screen you can access the second of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the second Save Criteria screen is shown below.



Field Definitions

Tape option - This parameter determines the action to be taken by SOQ after processing the last spool file in this save request. This parameter is used only if the *save device name* specified is *TAPE or the name of a tape device.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool file can also be restored to a system with any subsequent release of the operating system installed.

Job name - This parameter indicates the name of the job that created all spool files that are to be processed by this save request.

User name - This parameter indicates the name of the user that created all spool files that are to be processed by this save request.

Job number - This parameter indicates the number of the job that created all spool files that are to be processed by this save request.

Spool file name - This parameter indicates the spool file name shared by all spool files that are to be processed by this save request.

User specified data - This parameter indicates the "user data" shared by all spool files that are to be processed by this save request.

Form type - This parameter indicates the form type shared by all spool files that are to be processed by this save request.

Status - This parameter indicates the spool file status shared by all spool files that are to be processed by this save request.

Printer file name - This parameter indicates the printer file name shared by all spool files that are to be processed by this save request.

From date created - This parameter indicates the beginning of the date range during which all spool files to be processed by this save request were created.

Through date created - This parameter indicates the end of the date range during which all spool files to be processed by this save request were created.

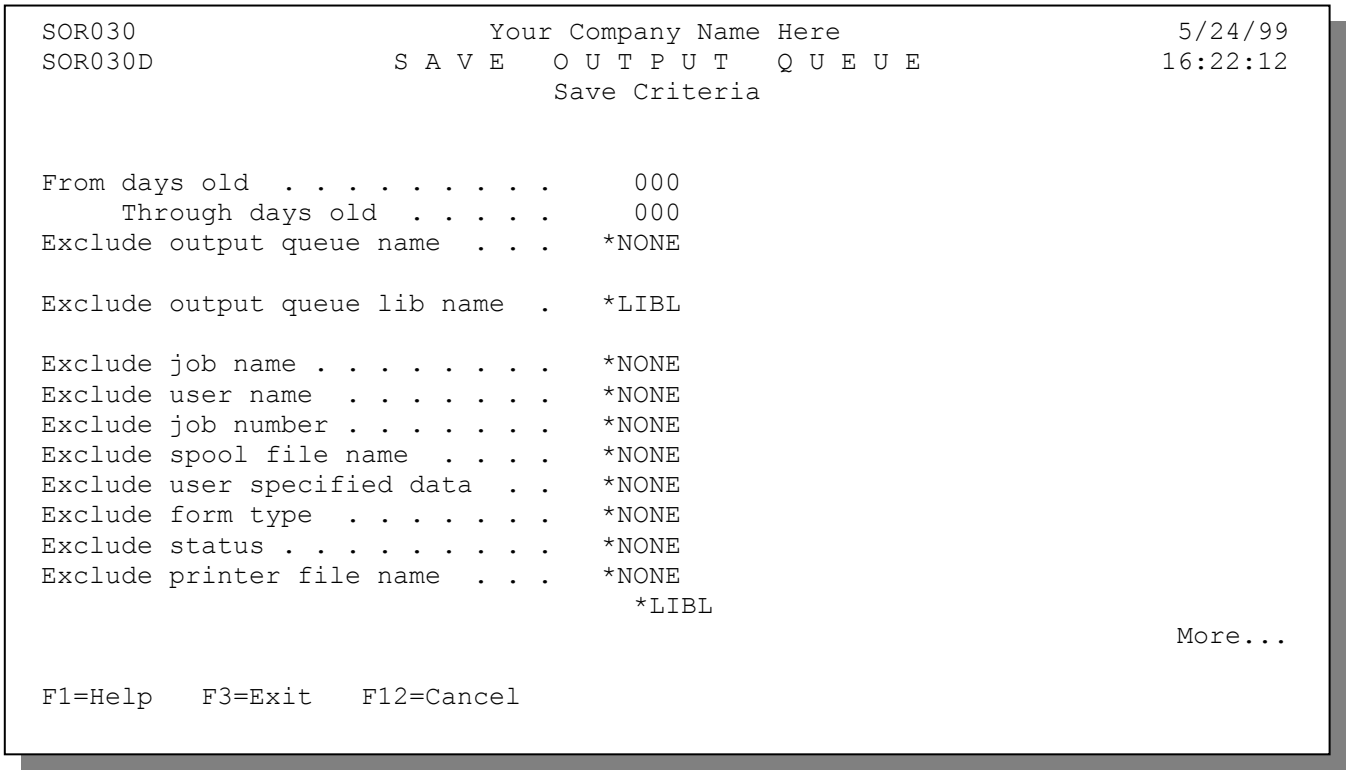
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the second Save Criteria screen you can access the third of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the third Save Criteria screen is shown below.



Field Definitions

From days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be processed by this save request.

Exclude output queue name - This parameter indicates the name of an output queue containing spool files to be excluded from this save. Up to twenty output queue names may be specified.

Exclude output queue library name - This parameter identifies the library in which the output queue containing the spool files to be excluded can be found. Up to twenty output queue library names may be specified.

Exclude job name - This parameter indicates the name of a job whose spool files are to be excluded from the save process.

Exclude user name - This parameter indicates the name of a user whose spool files are to be excluded from the save process.

Exclude job number - This parameter indicates the number of the job whose spool files are to be excluded from the save process.

Exclude spool file name - This parameter indicates the spool file name shared by all spool files that are to be excluded from the save process.

Exclude user specified data - This parameter indicates the "user data" shared by all spool files that are to be excluded from the save process.

Exclude form type - This parameter indicates the form type shared by all spool files that are to be excluded from the save process.

Exclude status - This parameter indicates the spool file status shared by all spool files that are to be excluded from the save process.

Exclude printer file name - This parameter indicates the printer file name shared by all spool files that are to be excluded from the save process.

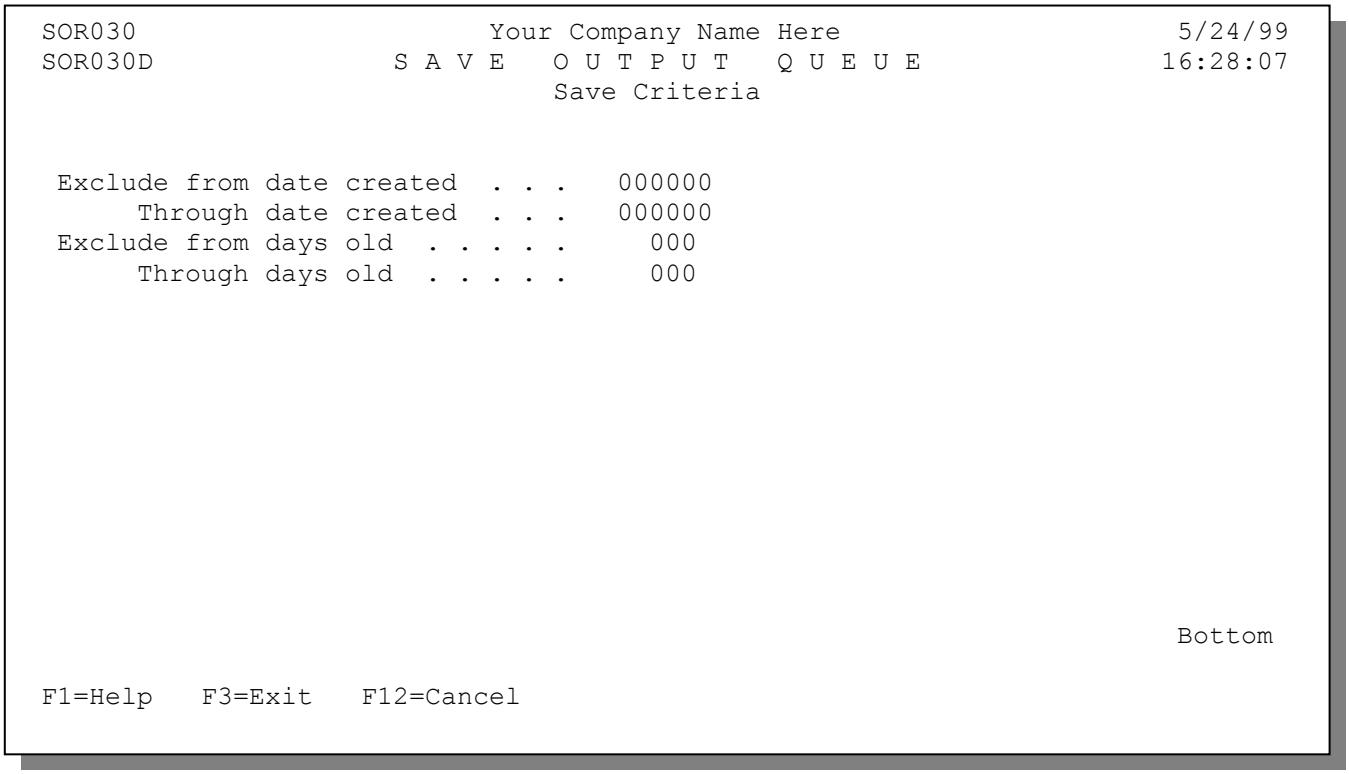
Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

By pressing the roll up keys while on the third Save Criteria screen you can access the fourth of four Save Criteria screens. These screens allow you to review the criteria specified on the **SAVOUTQ** command prompt screen. An example of the fourth Save Criteria screen is shown below.



Field Definitions

Exclude from date created - This parameter indicates the beginning of the date range during which all spool files to be excluded from the save process were created.

Exclude through date created - This parameter indicates the end of the date range during which all spool files to be excluded from the save process were created.

Exclude from days old - This parameter indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Exclude through days old - This parameter indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

Pressing ***F12*** while on this screen will return you to the previous screen.

Each save function performed using option 02 from the SOQ Microfiche Menu will produce a Spool Files Prepared For Microfiche report. This report is placed in the output queue specified in your SOQ system defaults. It is recommended that you review and file all Spool Files Prepared For Microfiche reports. This report will indicate which spool files were not saved and why they were not saved. An example of the Spool Files Prepared For Microfiche report is shown below.

```
RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
RUN TIME: 13:12:50                    S A V E   O U T P U T   Q U E U E                       PGM: SOR060
                                     SPOOL FILES PREPARED FOR MICROFICHE

JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
USER NAME....: QSECOFR                                        VOLUME ID.........: GSI01
JOB NUMBER...: 019854
SAVE TEXT....: 276-277 view 1

SPOOL      SPLF  ----- JOB INFORMATION ------ NUMBER FORMS                --- OUTPUT QUEUE ----
FILE NAME  NUMBER  NAME       USER ID    NUMBER PAGES  TYPE       USER DATA  NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ------ ---------- ---------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
QSTRUP     000002 QPRTJOB    QSECOFR    018686      4 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000005 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000006 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000007 QPRTJOB    QSECOFR    018686     51 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030D    000011 QPRTJOB    QSECOFR    018686     22 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR120     000012 QPRTJOB    QSECOFR    018686     44 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SOR120D    000014 QPRTJOB    QSECOFR    018686     30 *STD                  QPRINT     QGPL       SAVED AS FILE: REPORT
SMPRINT    000003 BACKUP     QSYSOPR    010754      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
SMPRINT    000003 BACKUP     QSYSOPR    015657      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120D    000285 DSP01      QSECOFR    004307     30 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120K    000286 DSP01      QSECOFR    004307     44 *STD                  QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SMPRINT    000151 QPRTJOB    QSYSOPR    004309      1 *STD       * SM ERROR QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *


 ***         11 SPOOL FILES PREPARED FOR MICROFICHE.  ***          3 SPOOL FILES NOT PREPARED FOR MICROFICHE.
```

The sample report shown above was produced by SOQ using print format 1.

```
RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
RUN TIME: 13:21:24                    S A V E   O U T P U T   Q U E U E                       PGM: SOR060
                                     SPOOL FILES PREPARED FOR MICROFICHE

JOB NAME.....: DSP01                                          DEVICE TYPE.......: *TAPE
USER NAME....: QSECOFR                                        VOLUME ID.........: TAP001
JOB NUMBER...: 019854
SAVE TEXT....: 276-277 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ FORMS      ---- CREATION --- --- OUTPUT QUEUE ----
FILE NAME  NUMBER NAME       USER ID    NUMBER TYPE       DATE     TIME     NAME       LIBRARY    COMMENTS
---------- ------ ---------- ---------- ------ ---------- -------- -------- ---------- ---------- --------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:50 QPRINT     QGPL       SAVED AS FILE: REPORT
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:53 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000005 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:46:58 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000007 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:03 QPRINT     QGPL       SAVED AS FILE: REPORT
SOR030     000009 QPRTJOB    QSECOFR    018686 *STD        9/27/99  8:47:08 QPRINT     QGPL       SAVED AS FILE: REPORT
SMPRINT    000003 BACKUP     QSYSOPR    007934 *STD        5/31/99 23:04:04 QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
SMPRINT    000003 BACKUP     QSYSOPR    015657 *STD        8/23/99 23:03:51 QPRINT     QUSRSYS    NOT SAVED - NO USER DATA MATCH  *
NIGHTBKUP  000271 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:42 QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR030     000278 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:49 QPRINT     QUSRSYS    SAVED AS FILE: REPORT
SOR120D    000284 DSP01      QSECOFR    004307 *STD        4/19/99 15:58:57 QPRINT     QUSRSYS    SAVED AS FILE: REPORT


 ***          8 SPOOL FILES PREPARED FOR MICROFICHE.  ***          2 SPOOL FILES NOT PREPARED FOR MICROFICHE.
```

The sample report shown above was produced by SOQ using print format 2.

Each save function performed using option 02 from the SOQ Microfiche Menu will also produce a Service Order Information report. This report is placed in the output queue specified in your SOQ system defaults. The purpose of the Service Order Information report is to assist you in completing any service order form that may be required by the laboratory producing your microfiche. An example of the Service Order Information report is shown below.

```
        RUN DATE: 05/11/02                        Your Company Name Here                                PAGE:    1
        RUN TIME: 13:21:24                    S A V E   O U T P U T   Q U E U E                       PGM: SOR060
                                             MICROFICHE SERVICE ORDER INFORMATION

        JOB NAME.....: DSP01                                                DEVICE TYPE.......: *TAPE
        USER NAME....: QSECOFR                                              VOLUME ID.........: TAP001
        JOB NUMBER...: 019854
        SAVE TEXT....: 276-277 view 2

SPOOL      SPLF   ----- JOB INFORMATION ------ NUMBER TAPE / DKT SEQ  - FICHE -
FILE NAME  NUMBER NAME       USER ID    NUMBER PAGES  FILE NAME  NBR  ORIG COPY  DESCRIPTION
---------- ------ ---------- ---------- ------ ------ ---------- ---- ---- ----  --------------------------------------------------

NIGHTBKUP  000001 QPRTJOB    QSECOFR    018686      4 REPORT        1    1    0  Microfiche Master Rec for spl files w/no usr data.
RSTOUTQCP  000003 QPRTJOB    QSECOFR    018686     29 REPORT        2    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000005 QPRTJOB    QSECOFR    018686     51 REPORT        3    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000007 QPRTJOB    QSECOFR    018686     51 REPORT        4    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000009 QPRTJOB    QSECOFR    018686     51 REPORT        5    1    0  Microfiche Master Rec for spl files w/no usr data.
NIGHTBKUP  000271 DSP01      QSECOFR    004307      4 REPORT        6    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR030     000278 DSP01      QSECOFR    004307     51 REPORT        7    1    0  Microfiche Master Rec for spl files w/no usr data.
SOR120D    000284 DSP01      QSECOFR    004307     30 REPORT        8    1    0  Microfiche Master Rec for spl files w/no usr data.


 ***          8 SPOOL FILES PREPARED FOR MICROFICHE.
```

CONVERT SPOOL FILES

See the "Convert Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

CONVERT SELECTED SPOOL FILES

See the "Convert Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DELETE SPOOL FILES

See the "Delete Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DELETE SELECTED SPOOL FILES

See the "Delete Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DUPLICATE SPOOL FILES

See the "Duplicate Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

DUPLICATE SELECTED SPOOL FILES

See the "Duplicate Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

MOVE SPOOL FILES

See the "Move Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

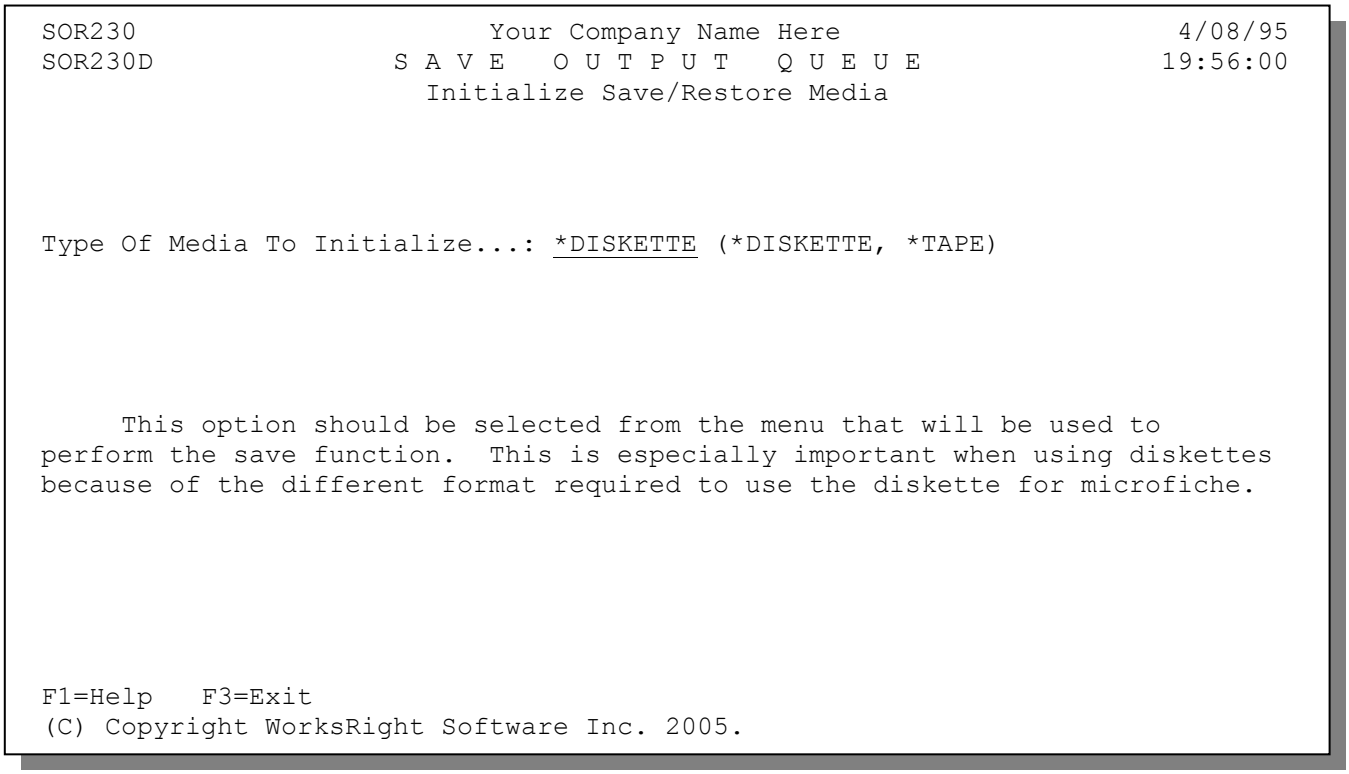
MOVE SELECTED SPOOL FILES

See the "Move Selected Spool Files" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options.

INITIALIZE SAVE MEDIA

To initialize save media to be used while preparing spool files for microfiche, select option 11 from the SOQ Microfiche Menu. After selecting option 11, you will be presented with a screen, similar to the one shown below, prompting for the type of media to initialize. If *DISKETTE is specified as the type of media, the diskette device named in your SOQ system defaults will be used. If *TAPE is specified as the type of media, the tape device named along with the tape density specified in your SOQ system defaults will be used.

If you plan to use the media being initialized to archive spool files, you must select the initialize option from the SOQ Archival Menu.



Field Definitions

Type of media to initialize - This field determines the type of media to be initialized. Valid values are *DISKETTE and *TAPE.

Function Keys

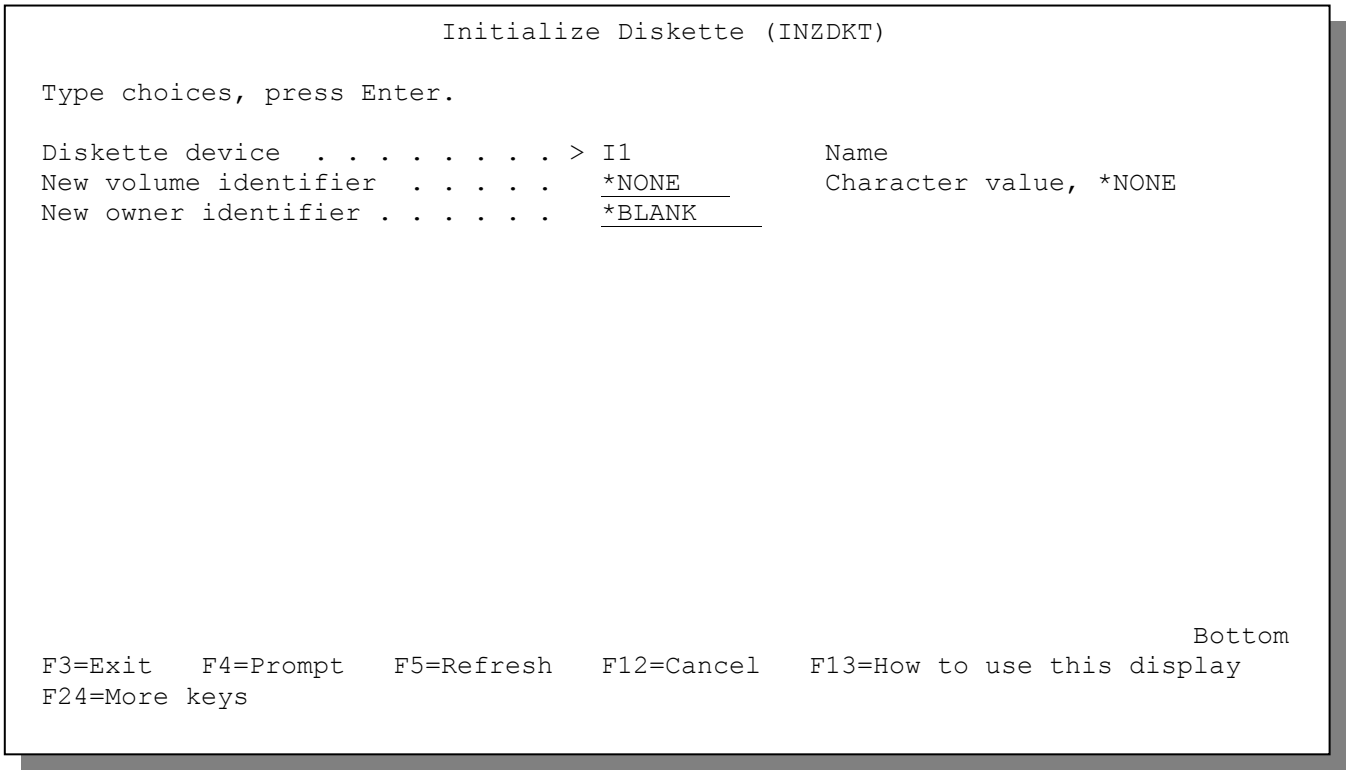
Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the SOQ menu from which this option was selected.

If *DISKETTE was specified as the *type of media to initialize*, the **INZDKT** prompt screen will be shown. An example of the **INZDKT** prompt screen is shown below. This screen allows you to specify a volume ID and owner ID to be assigned to the diskette.

You must change the *new volume identifier* parameter to a valid volume name. If you do not, a non-labeled diskette will be created and may be unusable by SOQ. For more information, refer to the **INZDKT** command in your CL reference manuals.

Diskettes may also be initialized by executing the **INZDKT** command directly from a command entry screen. When using this method keep in mind that to be used while preparing spool files for microfiche, the diskette must be a standard labeled diskette in the *DATA2 format with a *STD sector size.



Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

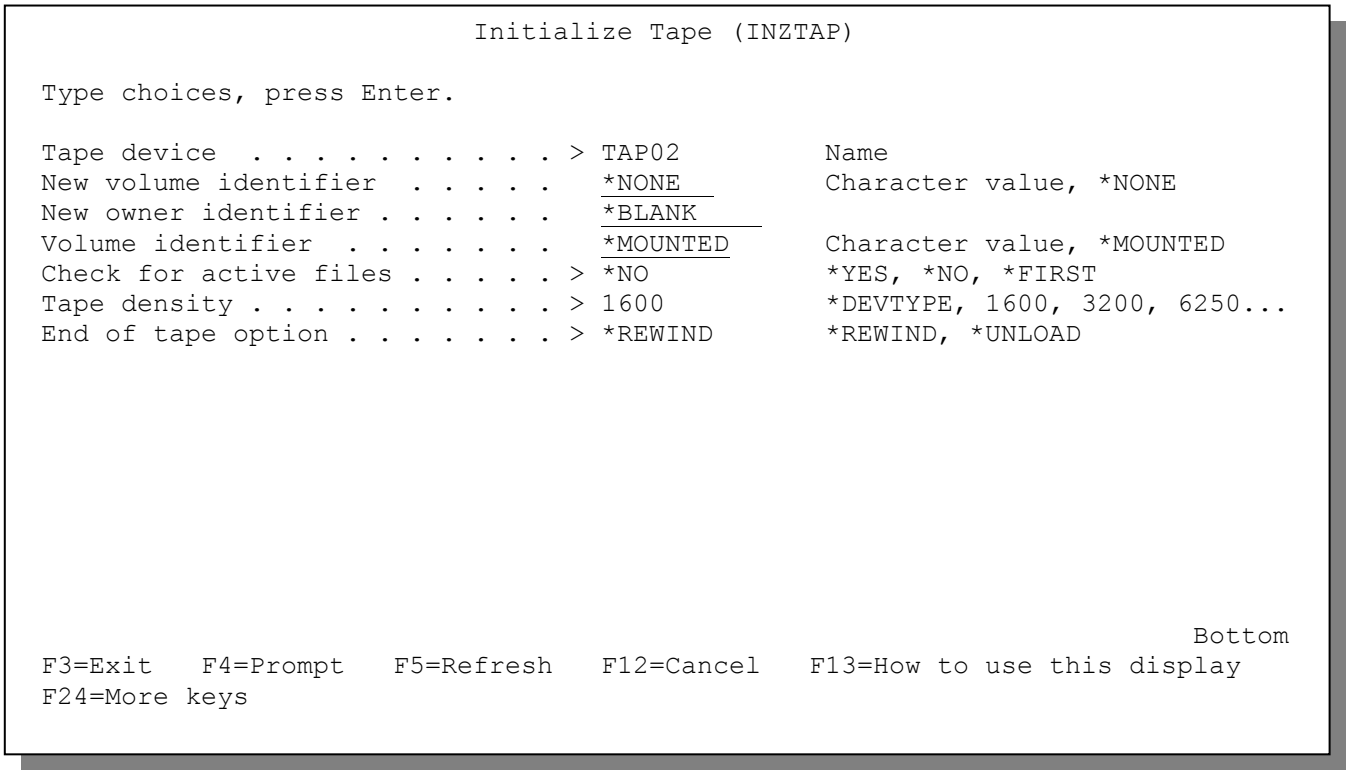
Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

If *TAPE was specified as the *type of media to initialize*, the **INZTAP** prompt screen will be shown. An example of the **INZTAP** prompt screen is shown below. This screen allows you to specify a volume ID and owner ID to be assigned to the tape.

You must change the *new volume identifier* parameter to a valid volume name. If you do not, a non-labeled tape will be created and may be unusable by SOQ. For more information, refer to the **INZTAP** command in your CL reference manuals.

Tapes may also be initialized by executing the **INZTAP** command directly from a command entry screen. When using this method keep in mind that to be used while preparing spool files for microfiche, the tape must be a standard labeled tape.



```
                          Initialize Tape (INZTAP)

Type choices, press Enter.

Tape device  . . . . . . . . . . > TAP02         Name
New volume identifier  . . . . .   *NONE         Character value, *NONE
New owner identifier . . . . . .   *BLANK
Volume identifier  . . . . . . .   *MOUNTED      Character value, *MOUNTED
Check for active files . . . . . > *NO           *YES, *NO, *FIRST
Tape density . . . . . . . . . . > 1600          *DEVTYPE, 1600, 3200, 6250...
End of tape option . . . . . . . > *REWIND       *REWIND, *UNLOAD

                                                                        Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Field Definitions

As this is an AS/400 system panel, field level documentation may be obtained by placing the cursor in the area of the screen in question and pressing the **HELP** key.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

WORK WITH ON-LINE HISTORY

See the "Work With On Line History" option for the SOQ Archival Menu. This option is available on all three menus for your convenience. There is no difference in the processing of the three options. There is, however, a difference in the information displayed. When the option is selected from the SOQ Archival Menu, only archive history is displayed. When this option is selected from the SOQ Microfiche Menu, only microfiche history is displayed. When this option is selected from the SOQ COLD Storage Menu, only COLD storage history is displayed.

SOQ COMMANDS

The following paragraphs define each command provided with SOQ. The intended use for each command is also given.

The **SOQ** Command

The **SOQ** command allows you to quickly access the SOQ Menus from any command entry screen.

Parameters:

Menu to display - This parameter specifies which SOQ menu is to be displayed. Valid values are *ARC, *CS, *MF, and *SYS. If *ARC is specified, the SOQ Archival Menu is displayed. If *CS is specified, the SOQ COLD Storage Menu is displayed. If *MF is specified, The SOQ Microfiche Menu is displayed. IF *SYS is specified, the SOQ System Maintenance Menu is displayed.

The **SAVOUTQ** Command

The **SAVOUTQ** command allows you to archive spool files or prepare spool files for microfiche. This command may be executed in a batch environment only if the *spool files* parameter is specified as *ALL. *Save type* "*MICROFICHE" may not be specified with *save device name* "*SAVF" or "*OPTICAL". *Save type* "*COLDSTG" may only be specified when *save device name* "*COLDSTG" is also specified and a COLD storage system interface has been identified in the SOQ system defaults.

Parameters:

Output queue name - This field determines the output queue(s) from which the spool files to be saved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be saved will be selected. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Spool files - This field determines whether SOQ will save all spool files that meet the criteria specified or allow you to select specific spool files to save from a list of all spool files that meet the criteria specified. Valid values are *ALL and *SELECT.

Save device name - This field determines the device name(s) that will be used while saving the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *COLDSTG, it must be the only entry and *save type* must also be specified as *COLDSTG. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

Save type - This field determines whether SOQ will archive, prepare for microfiche, or pass to a COLD storage solution the spool files processed by this function. Valid values are *ARCHIVE, *COLDSTG, and *MICROFICHE.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Submit save to batch - This field determines whether SOQ will process the save request in the current environment or in the batch environment. If the save request is to be processed in the batch environment, the request is submitted to the job queue specified in your SOQ system defaults.

Volume identifier - This field determines volume ID of the tape, diskette, or optical media used with this function. If the tape, diskette, or optical media mounted does not match the value specified, an error message is issued. Valid values are any valid volume identifier and the special value *MOUNTED.

Tape option - This field determines the action to be taken by SOQ after saving the last spool file for this function. This field is only used when the *save device name* specified is *TAPE or the name of a tape device. Valid values are *LEAVE, *REWIND, and *UNLOAD.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spool files. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spool files can also be restored to a system with any subsequent release of the operating system installed.

Save file name - This field indicates the name of the save file to be used by SOQ while processing this function. This field is only used when the *save device name* specified is *SAVF. Valid values are any valid save file name. The save file must currently exist in the library specified, as this field is edited.

Job name - This field indicates the name of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all jobs are saved. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be saved. If *ALL is specified, spool files created by all users are saved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be saved. If *ALL is specified, spool files created by all job numbers are saved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be saved. If *ALL is specified, spool files of any name are saved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be saved. If *ALL is specified, spool files are saved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be saved. If *ALL is specified, spool files created by all printer files are saved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while saving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files created on all dates are saved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while saving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be saved. If this field is left blank, spool files of all ages are saved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the save process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the save process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the save process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the save process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the save process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the save process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the save process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the save process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the save process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the save process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **SAVSPLF** Command

The **SAVSPLF** command allows you to archive a single spooled file or prepare a single spooled file for microfiche / CD-ROM production. This command may be executed in an interactive or batch environment and can be used within a user-written CL program. *Save type* "*MICROFICHE" may not be specified with *save device name* "*SAVF" or "*OPTICAL". *Save type* "*COLDSTG" may only be specified when *save device name* "*COLDSTG" is also specified and a COLD storage system interface has been identified in the SOQ system defaults.

Parameters:

Spooled file – This field allows you to specify the name of the spooled file that is to be saved. Valid values are any valid spooled file name.

Job name – This field allows you to specify the name of the job that created the spooled file that is to be saved. Valid values are any valid job name, user name, job number combination and the special value *CURRENT. If the special value *CURRENT is specified, only spooled files created by the current job are considered for processing.

Spooled file number - This field allows you to specify the number of the job's spooled file that is to be saved. Valid values are any valid spooled file number within the range of 000001 - 999999 (0001 – 9999 prior to OS/400 V5R1) and the special values *ONLY and *LAST. If the special value *ONLY is specified, the only spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed. If the special value *LAST is specified, the last spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed.

Save device name - This field determines the device name(s) that will be used while saving the spooled file. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *COLDSTG, it must be the only entry and *save type* must also be specified as *COLDSTG. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

Save type - This field determines whether SOQ will archive, prepare for microfiche, or pass to a COLD storage solution the spooled file processed by this function. Valid values are *ARCHIVE, *COLDSTG, and *MICROFICHE.

Save text - This field allows you to enter a full description of the save to be performed. This description will appear in the on-line history file and on all reports produced by the save function. Valid values are any nonblank value and the special value *NONE.

Volume identifier - This field determines volume ID of the tape, diskette, or optical media used with this function. If the tape, diskette, or optical media mounted does not match the value specified, an error message is issued. Valid values are any valid volume identifier and the special value *MOUNTED.

Tape option - This field determines the action to be taken by SOQ after saving the spooled file. This field is only used when the *save device name* specified is *TAPE or the name of a tape device. Valid values are *LEAVE, *REWIND, and *UNLOAD.

Target release - This parameter allows you to specify the release of the operating system on which you intend to restore the spooled file. When specifying the target-release value, the format VxRxMx is used to specify the release, where Vx is the version, Rx is the release, and Mx is the modification level. For example, V2R3M0 is version 2, release 3, modification level 0. The spooled file can also be restored to a system with any subsequent release of the operating system installed.

The **RSTOUTQ** Command

The **RSTOUTQ** command allows you to restore or list spool files that were archived using the **SAVOUTQ** command. This command may be executed in a batch environment only if the *restore spool files* parameter is specified as *ALL or *LIST.

Parameters:

Restore using index name - This field indicates the name of the working index generated by SOQ when the save function was performed. Valid index names begin with the character "I" followed by a five-digit number ranging from 00001 through 99999.

Restore to output queue - This field determines the output queue that will contain the restored spool files. Valid values are any valid output queue name or *SAVOUTQ. If an output queue name is specified, the output queue must currently exist in the library specified. If *SAVOUTQ is specified, the spool files will be restored to the same output queue from which they were saved.

Restore spool files - This field determines whether SOQ will restore all spool files that meet the criteria specified or allow you to select specific spool files to be restored from a list of all spool files that meet the criteria specified. Valid values are *ALL and *SELECT.

Restore device name - This field determines the device name(s) that will be used while restoring the spool files. The default value is determined by your system values and may be changed before proceeding. Valid values are any tape, diskette, or optical device name or *DISKETTE, *TAPE, *SAVF, and *OPTICAL. If you specify *SAVF, it must be the only entry. Device names can appear only once in the list.

Volume identifier - This field determines volume ID of the tape, diskette, or optical media used with this function. If the tape, diskette, or optical media mounted does not match the value specified, an error message is issued. Valid values are any valid volume identifier and the special value *MOUNTED.

Tape option - This field determines the action to be taken by SOQ after saving the last spool file for this function. This field is only used when the *restore device name* specified is *TAPE or the name of a tape device. Valid values are *LEAVE, *REWIND, and *UNLOAD.

Use On-Line History File - This field determines whether or not SOQ will attempt to retrieve additional information about the archive from the On-Line History file. The On-Line History file is referenced using the index name. This parameter should be set to *NO if a record exists in the On-Line History file that is unrelated to the archive being restored but has the same index name.

Save file name - This field determines the save file that will be used while restoring spool files saved by the selected save function. Save file name is required only if *SAVF is specified for the *restore device name* prompt.

Output queue - This field indicates the output queue that contained the spool files that are to be restored. If no spool files from the output queue were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files contained in all output queues were saved and you wish to restore only spool files contained in a specific output queue.

Job name - This field indicates the job name that generated the spool files that are to be restored. If no spool files generated by the job name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all jobs were saved and you wish to restore only spool files generated by a specific job name.

User name - This field indicates the user name that generated the spool files that are to be restored. If no spool files generated by the user name were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all users were saved and you wish to restore only spool files generated by a specific user name.

Job number - This field indicates the job number that generated the spool files that are to be restored. If no spool files generated by the job number were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files generated by all job numbers were saved and you wish to restore only spool files generated by a specific job number.

Spool file name - This field indicates the name of the spool files that are to be restored. If no spool files with the name specified were saved by the selected save function, no spool files will be restored. This field is especially useful if all spool file names were saved and you wish to restore only spool files with a specific name.

User data - This field indicates the user data of the spool files that are to be restored. If no spool files with the user data specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all user data were saved and you wish to restore only spool files with specific user data.

Form type - This field indicates the form type of the spool files that are to be restored. If no spool files with the form type specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all form types were saved and you wish to restore only spool files with specific form type.

Status - This field indicates the status of the spool files that are to be restored. If no spool files with the status specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files with all statuses were saved and you wish to restore only spool files with specific status.

Printer file - This field indicates the printer file used to create the spool files that are to be restored. If no spool files created using the printer file specified were saved by the selected save function, no spool files will be restored. This field is especially useful if spool files created using all printer files were saved and you wish to restore only spool files created using a specific printer file.

Date created from - This field indicates the beginning of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Date created through - This field indicates the end of the date range to be used when restoring spool files. Each spool file's creation date is compared to this range to determine if the spool file should be restored. If no spool files created within the date range specified were saved by the selected save function, no spool files will be restored. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Days old from - This field indicates the beginning of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Days old through - This field indicates the end of the age range to be used when restoring spool files. Each spool file's age (at the time of the save) is compared to this range to determine if the spool file should be restored. If no spool files within the age range specified were saved by the selected save function, no spool files will be restored.

Exclude output queue name - This field indicates the name of an output queue associated with spool files to be excluded from the restore process. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the restore process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the restore process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the restore process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the restore process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the restore process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the restore process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the restore process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the restore process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the restore process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the restore process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the restore process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the restore process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **CVTOUTQ** Command

The **CVTOUTQ** command allows you to convert spool files to data files. This command may be executed in a batch environment only if the *spool files* parameter is specified as *ALL.

Parameters:

Output queue name – This field determines the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field identifies the libraries containing the output queue(s) from which the spool files are selected to be converted to data files. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. The libraries must currently exist, as this field is edited. You may enter up to twenty library names.

Output file type - This field determines whether SOQ will convert spool files to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spool file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of this manual. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spool file. The header record contains information to help identify the converted spool file. Information contained in the header record include the spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, See the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which data files represent which spool files. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spool file name, spool file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, See the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data files should be placed. This parameter is only used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data files should be placed. This parameter is only used if *ASCII is specified on the *Output file type* parameter.

Job name - This field indicates the name of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all jobs are converted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be converted. If *ALL is specified, spool files created by all users are converted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be converted. If *ALL is specified, spool files created by all job numbers are converted. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be converted. If *ALL is specified, spool files of any name are converted. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be converted. If *ALL is specified, spool files are converted regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be converted. If *ALL is specified, spool files created by all printer files are converted. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while converting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files created on all dates are converted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while converting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be converted. If this field is left blank, spool files of all ages are converted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the conversion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the conversion process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the conversion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the conversion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the conversion process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the conversion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the conversion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the conversion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **CVTSPLF** Command

The **CVTSPLF** command allows you to convert a single spooled file to a data file. This command may be executed in an interactive or batch environment and can be used within a user-written CL program.

Parameters:

Spooled file – This field allows you to specify the name of the spooled file that is to be converted to a data file. Valid values are any valid spooled file name.

Job name – This field allows you to specify the name of the job that created the spooled file that is to be converted to a data file. Valid values are any valid job name, user name, job number combination and the special value *CURRENT. If the special value *CURRENT is specified, only spooled files created by the current job are considered for processing.

Spooled file number - This field allows you to specify the number of the job's spooled file that is to be converted to a data file. Valid values are any valid spooled file number within the range of 000001 - 999999 (0001 – 9999 prior to OS/400 V5R1) and the special values *ONLY and *LAST. If the special value *ONLY is specified, the only spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed. If the special value *LAST is specified, the last spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed.

Output file type - This field determines whether SOQ will convert the spooled file to a regular OS/400 data file (*EBCDIC) or to a PC text file (*ASCII). Valid values are *EBCDIC and *ASCII. Regular OS/400 files are placed in the library specified on the *Library for output files* parameter. PC text files are placed in the IFS directory specified on the *IFS directory for output files* parameter.

Add print control characters - This field determines which print control characters (if any) are to replace the converted spooled file's internal print control characters. Valid values are *NONE, *FCFC, *PRTCTL, and *S36FMT. If *NONE is specified, no print control characters are created. If *FCFC is specified, the first character of every record contains one of the ANSI forms control codes listed in the "Getting Started" section of the SOQ User's Guide. This option may be useful for microfiche and CD-ROM production. If *PRTCTL is specified, the first four characters of every record contains skip-before and space-before values useful in high-level language programs. This code can be viewed as SSSL, where SSS is the skip-before line value and L is the space-before value. If *S36FMT is specified, the format of the records to be copied to a database file is the same as that created on the IBM System/36 for **COPYPRT**.

Add header record - This field determines whether or not SOQ will place a "header" record at the beginning of the data file containing the converted spooled file. The header record contains information to help identify the converted spooled file. Information contained in the header record includes the spooled file name, spooled file number, job name, user name, job number, user data, form type, creation date, and creation time. Valid values are *NO and *YES. For the exact location of specific fields within the header record, see the "Conversion Output File Descriptions" section of this manual.

Create cross-reference file - This parameter determines whether or not SOQ will produce a cross-reference file for the conversion request. The cross-reference file can be used to determine which spooled file is contained in the data file. Valid values are *NO and *YES. If *YES is specified, a cross-reference file is created and the file name is XREF*nnnnn*. If a regular OS/400 data file is being created, the cross-reference file is placed in the library specified on the *Library for output files* parameter. If a PC text file is being created, the cross-reference file is placed in the IFS directory specified on the *IFS directory for output files* parameter. Information contained in each cross-reference file record include data file name, spooled file name, spooled file number, job name, user name, job number, user data, form type, creation date, and creation time. For the exact location of specific fields within the each cross-reference file record, see the "Conversion Output File Descriptions" section of this manual.

Library for output files - This field identifies the library in which the data file should be placed. This parameter is only used if *EBCDIC is specified on the *Output file type* parameter.

IFS directory for output files - This field identifies the IFS directory in which the data file should be placed. This parameter is only used if *ASCII is specified on the *Output file type* parameter.

The **DELOUTQ** Command

The **DELOUTQ** command allows you to delete existing spool files. Use this command with extreme caution. Deleting a spool file is an irreversible process. This command may be executed in a batch environment only if the *delete spool files* parameter is specified as *ALL.

Parameters:

Delete from output queue - This field determines the output queue(s) from which the spool files are to be deleted. Valid values are any valid output queue name and the special value *ALL. The output queue(s) must currently exist in the library specified, as this field is edited. You may enter up to twenty output queue names. If you enter *ALL, it must be the only entry.

Output queue library name - This field determines the libraries from which the spool files to be deleted will be selected. Valid values are any valid library name and the special values *ALL and *LIBL. The libraries must currently exist in the system library, as this field is edited. You may enter up to twenty library names. If you enter either *ALL or *LIBL, it must be the only entry.

Delete spool files - This field determines whether SOQ will delete all spool files that meet the criteria specified or allow you to select specific spool files to be deleted from a list of all spool files that meet the criteria specified. Valid values are *ALL and *SELECT.

Job name - This field indicates the name of the job that created all spool files that are to be deleted. If *ALL is specified, spool files created by all jobs are deleted. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be deleted. If *ALL is specified, spool files created by all users are deleted. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be deleted. If *ALL is specified, spool files created by all job numbers are deleted. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be deleted. If *ALL is specified, spool files of any name are deleted. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be deleted. If *ALL is specified, spool files are deleted regardless of their status. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be deleted. If *ALL is specified, spool files created by all printer files are deleted. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while deleting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files created on all dates are deleted. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while deleting the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files created on all dates are deleted. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while deleting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files of all ages are deleted. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while deleting the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be deleted. If this field is left blank, spool files of all ages are deleted. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the deletion process. Valid values are any valid output queue name and the special value *NONE. Up to twenty output queue names may be specified. If *NONE is specified, it must be the only entry.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL. Up to twenty output queue library names may be specified.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the deletion process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the deletion process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the deletion process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the deletion process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the deletion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the deletion process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the deletion process. Valid values are RDY, HLD, SAV, PND, OPN, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the deletion process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the deletion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the deletion process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the deletion process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **DELSPLF** Command

The **DELSPLF** command allows you to delete a single spooled file from any output queue. Use this command with extreme caution. Deleting a spooled file is an irreversible process. This command may be executed in an interactive or batch environment and can be used within a user-written CL program.

Parameters:

Spooled file – This field allows you to specify the name of the spooled file that is to be deleted. Valid values are any valid spooled file name.

Job name – This field allows you to specify the name of the job that created the spooled file that is to be deleted. Valid values are any valid job name, user name, job number combination and the special value *CURRENT. If the special value *CURRENT is specified, only spooled files created by the current job are considered for processing.

Spooled file number - This field allows you to specify the number of the job's spooled file that is to be deleted. Valid values are any valid spooled file number within the range of 000001 - 999999 (0001 – 9999 prior to OS/400 V5R1) and the special values *ONLY and *LAST. If the special value *ONLY is specified, the only spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed. If the special value *LAST is specified, the last spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed.

The **DUPOUTQ** Command

The **DUPOUTQ** command allows you to duplicate existing spool files. This command may be executed in a batch environment only if the *duplicate spool files* parameter is specified as *ALL.

Parameters:

From output queue - This field determines the output queue from which the spool files to be duplicated will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Duplicate to output queue - This field determines the output queue in which the duplicate spool files will be placed. Valid values are any valid output queue name and the special value *FRMOUTQ. The output queue must currently exist in the library specified, as this field is edited.

Duplicate spool files - This field determines whether SOQ will duplicate all spool files that meet the criteria specified or allow you to select specific spool files to be duplicated from a list of all spool files that meet the criteria specified. Valid values are *ALL and *SELECT.

Job name - This field indicates the name of the job that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all jobs are duplicated. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all users are duplicated. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be duplicated. If *ALL is specified, spool files created by all job numbers are duplicated. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be duplicated. If *ALL is specified, spool files of any name are duplicated. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be duplicated. If *ALL is specified, spool files are duplicated regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be duplicated. If *ALL is specified, spool files created by all printer files are duplicated. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while duplicating the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files created on all dates are duplicated. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while duplicating the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files created on all dates are duplicated. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while duplicating the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files of all ages are duplicated. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while duplicating the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be duplicated. If this field is left blank, spool files of all ages are duplicated. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the duplication process. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the duplication process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the duplication process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the duplication process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the duplication process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the duplication process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the duplication process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the duplication process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the duplication process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the duplication process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the duplication process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the duplication process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **DUPSPLF** Command

The **DUPSPLF** command allows you to duplicate a single spooled file from any output queue. This command may be executed in an interactive or batch environment and can be used within a user-written CL program.

Parameters:

Spooled file – This field allows you to specify the name of the spooled file that is to be duplicated. Valid values are any valid spooled file name.

Job name – This field allows you to specify the name of the job that created the spooled file that is to be duplicated. Valid values are any valid job name, user name, job number combination and the special value *CURRENT. If the special value *CURRENT is specified, only spooled files created by the current job are considered for processing.

Spooled file number - This field allows you to specify the number of the job's spooled file that is to be duplicated. Valid values are any valid spooled file number within the range of 000001 - 999999 (0001 – 9999 prior to OS/400 V5R1) and the special values *ONLY and *LAST. If the special value *ONLY is specified, the only spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed. If the special value *LAST is specified, the last spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed.

Duplicate to output queue – This field allows you to specify the output queue in which the duplicate spooled file will be placed. Valid values are any valid output queue name and the special value *SAME. If the special value *SAME is specified, the duplicate spooled file will be placed in the same output queue as the spooled file being duplicated.

The **MOVOUTQ** Command

The **MOVOUTQ** command allows you to move spool files from one output queue to another. This command may be executed in a batch environment only if the *move spool files* parameter is specified as *ALL.

Parameters:

From output queue - This field determines the output queue from which the spool files to be moved will be selected. Valid values are any valid output queue name and the special value *ALL. The output queue must currently exist in the library specified, as this field is edited.

Move to output queue - This field determines the output queue to which the spool files will be moved. Valid values are any valid output queue name. The output queue must currently exist in the library specified, as this field is edited.

Move spool files - This field determines whether SOQ will move all spool files that meet the criteria specified or allow you to select specific spool files to be moved from a list of all spool files that meet the criteria specified. Valid values are *ALL and *SELECT.

Job name - This field indicates the name of the job that created all spool files that are to be moved. If *ALL is specified, spool files created by all jobs are moved. Valid values are any valid job name and the special value *ALL.

User name - This field indicates the name of the user that created all spool files that are to be moved. If *ALL is specified, spool files created by all users are moved. Valid values are any valid user name and the special value *ALL.

Job number - This field indicates the number of the job that created all spool files that are to be moved. If *ALL is specified, spool files created by all job numbers are moved. Valid values are any valid job number and the special value *ALL.

Spool file name - This field indicates the name shared by all spool files that are to be moved. If *ALL is specified, spool files of any name are moved. Valid values are any valid spool file name and the special value *ALL.

User specified data - This field indicates the user data assigned to all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their user data. Valid values are any nonblank value and the special value *ALL.

Form type - This field indicates the form type shared by all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their form type. Valid values are any nonblank value and the special value *ALL.

Status - This field indicates the spool file status shared by all spool files that are to be moved. If *ALL is specified, spool files are moved regardless of their status. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *ALL.

Printer file name - This field indicates the name of the printer file that was used to create all spool files that are to be moved. If *ALL is specified, spool files created by all printer files are moved. Valid values are any valid printer file name and the special value *ALL.

From date created - This field indicates the beginning of the date range to be used while moving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files created on all dates are moved. Valid values are any valid date in your system's date format and blank. The from date created must be less than or equal to the *through date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

Through date created - This field indicates the ending of the date range to be used while moving the spool files. Each spool file's creation date is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files created on all dates are moved. Valid values are any valid date in your system's date format and blank. The through date created must be greater than or equal to the *from date created*. See the "Year 2000 Compliance" section of this manual for valid date ranges.

From days old - This field indicates the beginning of the age range to be used while moving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files of all ages are moved. Valid values are any number of days from 001 through 999 and blank. The from days old must be less than or equal to the *through days old*.

Through days old - This field indicates the ending of the age range to be used while moving the spool files. Each spool file's age (in days) is compared to this range to determine if the spool file should be moved. If this field is left blank, spool files of all ages are moved. Valid values are any number of days from 001 through 999 and blank. The through days old must be greater than or equal to the *from days old*.

Exclude output queue name - This field indicates the name of an output queue containing spool files to be excluded from the move process. Valid values are any valid output queue name and the special value *NONE.

Exclude output queue library name - This field identifies the library in which the output queue containing the spool files to be excluded can be found. Valid values are any valid library name and the special values *ALL, *ALLUSR, *CURLIBL, *LIBL, and *USRLIBL.

Exclude job name - This field indicates the name of a job whose spool files are to be excluded from the move process. Valid values are any valid job name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job name.

Exclude user name - This field indicates the name of a user whose spool files are to be excluded from the move process. Valid values are any valid user name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon user name.

Exclude job number - This field indicates the number of a job whose spool files are to be excluded from the move process. Valid values are any valid job number and the special value *NONE. If *NONE is specified, no spool files are excluded based upon job number.

Exclude spool file name - This field indicates the spool file name shared by all spool files that are to be excluded from the move process. Valid values are any valid spool file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon spool file name.

Exclude user specified data - This field indicates the "user data" shared by all spool files that are to be excluded from the move process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon "user data".

Exclude form type - This field indicates the form type shared by all spool files that are to be excluded from the move process. Valid values are any nonblank value and the special value *NONE. If *NONE is specified, no spool files are excluded based upon form type.

Exclude status - This field indicates the spool file status shared by all spool files that are to be excluded from the move process. Valid values are RDY, HLD, SAV, PND, CLO, DFR, and the special value *NONE. If *NONE is specified, no spool files are excluded based upon their status.

Exclude printer file name - This field indicates the printer file name shared by all spool files that are to be excluded from the move process. Valid values are any valid printer file name and the special value *NONE. If *NONE is specified, no spool files are excluded based upon printer file name.

Exclude from date created - This field indicates the beginning of the date range during which all spool files to be excluded from the move process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude from date created must be less than or equal to the *exclude through date created*. If this field is blank, no spool files are excluded based upon creation date.

Exclude through date created - This field indicates the end of the date range during which all spool files to be excluded from the move process were created. Valid values are any valid date in your system's date format and blank. See the "Year 2000 Compliance" section of this manual for valid date ranges. The exclude through date created must be greater than or equal to the *exclude from date created*. If this field is left blank, no spool files are excluded based upon creation date.

Exclude from days old - This field indicates the beginning of the age (in days) range to be considered while determining which spool files should be excluded from the move process. Valid values are any number of days from 001 through 999 and blank. The exclude from days old must be less than or equal to the *exclude through days old*. If this field is left blank, no spool files are excluded based upon age.

Exclude through days old - This field indicates the end of the age (in days) range to be considered while determining which spool files should be excluded from the move process. Valid values are any number of days from 001 through 999 and blank. The exclude through days old must be greater than or equal to the *exclude from days old*. If this field is left blank, no spool files are excluded based upon age.

Generic* values - As of Release 7.50, some parameters allow the use of generic values. A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, SOQ assumes that the character string is nongeneric. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spool file is processed.

The **MOVSPLF** Command

The **MOVSPLF** command allows you to move a single spooled file from one output queue to another output queue. This command may be executed in an interactive or batch environment and can be used within a user-written CL program.

Parameters:

Spooled file – This field allows you to specify the name of the spooled file that is to be moved. Valid values are any valid spooled file name.

Job name – This field allows you to specify the name of the job that created the spooled file that is to be moved. Valid values are any valid job name, user name, job number combination and the special value *CURRENT. If the special value *CURRENT is specified, only spooled files created by the current job are considered for processing.

Spooled file number - This field allows you to specify the number of the job's spooled file that is to be moved. Valid values are any valid spooled file number within the range of 000001 - 999999 (0001 – 9999 prior to OS/400 V5R1) and the special values *ONLY and *LAST. If the special value *ONLY is specified, the only spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed. If the special value *LAST is specified, the last spooled file created by the job specified on the *Job name* parameter with the name specified on the *Spooled file* parameter will be processed.

Move to output queue – This field allows you to specify the name of the output queue to which the spooled file should be moved. Valid values are any valid output queue name.

The **PURGESOQOH** Command

The **PURGESOQOH** command allows users to purge save records from the SOQ On-Line History File based on save date and/or save age. Incorporating this command in a CL program and/or job scheduler can provide automated purging of the On-Line History File.

Parameters:

Type of history to purge – This field allows you to specify the type of On-Line History records that are to be purged. Valid values are the special values *ARCHIVE, *COLDSTG, *MICROFICHE, and *ALL.

If *ARCHIVE is specified, only history records pertaining to spooled file archives created using the SAVOUTQ and SAVSPLF commands are considered for purging. If *COLDSTG is specified, only history records pertaining to the passing of spooled files to a COLD Storage solution using the SAVOUTQ and SAVSPLF commands are considered for purging. If *MICROFICHE is specified, only history records pertaining to the preparation of spooled files for microfiche and/or CD-ROM creation using the SAVOUTQ and SAVSPLF commands are considered for purging. And finally, if *ALL is specified, all types of history records are considered for purging.

Purge saves on and before - This field allows you to specify a date through which On-Line History records are to be purged. Saves performed on and before the date specified will be purged. If no date is specified, no records are purged based on save date.

When entering a date, the year can be specified with either 2 digits or 4 digits. If a 2-digit year is specified, the date is assumed to be in the range of January 1, 1940 through December 31, 2039. If a 4 digit year is specified, the date may be in the range of August 24, 1928 through May 9, 2071. The date must be entered in your job's date format.

Purge the oldest nnnnnn saves - This field allows you to specify the number of records to be purged from the On-Line History File. The number of records specified for this parameter are deleted from the On-Line History File for the type(s) of history records specified on the Type of history to purge (PURGETYPE) parameter. Records are deleted starting with the oldest and ending with the newest. If no number is specified, no records are purged based on age.

CONVERSION OUTPUT FILE DESCRIPTIONS

The **CVTOUTQ** command can optionally provide information to help identify which spool file has been converted to which data file. This information is available in two different formats. The first format is presented in a "header" record that is placed at the beginning of each data file. The second format is presented in a separate data file called a cross-reference file.

Header Records

Header records are placed at the beginning of each data file only if *YES is specified on the *Add header record* parameter of the **CVTOUTQ** command. The format of the information contained in the header record is shown below.

Position	Value
01 – 04	"*HDR" – This is to help identify the header record
06 – 15	Spool file name
17 – 22	Spool file number
24 – 33	Job name – This is the name of the job that created the spool file
35 – 44	User name – This is the name of the user that created the spool file
46 – 51	Job number – This is the number of the job that created the spool file
53 – 62	User data – This is the user specified data assigned to the spool file
64 – 73	Forms type – This is the forms type assigned to the spool file
75 – 82	Creation date – This is the date that the spool file was created
84 – 91	Creation time – This is the time that the spool file was created

There is a blank space between each value to enhance readability.

The creation date is presented in your system's date format with date separators. The creation time is presented in the hh:mm:ss format with ":" separators.

Cross-reference File

A cross-reference file is created only if *YES is specified on the *Create cross-reference file* parameter of the **CVTOUTQ** command. The cross-reference file name is always XREF*nnnnn.* Where *nnnnn* is a sequential number assigned by SOQ. The five digits at the end of the cross-reference file name will always match the first five digits of each data file created during the conversion. The format of each record contained in the cross-reference file is shown below.

Position	Field Name	Description
01 – 10	XRDFNM	Data file name – Always S*nnnnnnnnn*
11 – 20	XRSFNM	Spool file name
21 – 26	XRSF#	Spool file number
27 – 36	XRSFJN	Job name – This is the name of the job that created the spool file
37 – 46	XRSFUN	User name – This is the name of the user that created the spool file
47 – 52	XRSFJ#	Job number – This is the number of the job that created the spool file
53 – 62	XRSFUD	User data – This is the user specified data assigned to the spool file
63 – 72	XRSFFT	Forms type – This is the forms type assigned to the spool file
73 – 78	XRSFCD	Creation date – This is the date that the spool file was created
79 – 84	XRSFCT	Creation time – This is the time that the spool file was created

The creation date is presented in your system's date format without date separators. The creation time is presented in the hhmmss format also without separators.

TECHNICAL INFORMATION

SOQ Library Size (approx.) ……	CISC 13 MB RISC 26 MB
Menus Used ……	SOQLIB/SOQMENUA SOQLIB/SOQMENUC SOQLIB/SOQMENUM SOQLIB/SOQMENUS
Permanent Physical Files Used	SOQLIB/SOQHST SOQLIB/SOQHSTL SOQLIB/SOQHSTS SOQLIB/SOQMMST SOQLIB/SOHDF00P SOQLIB/SOHTX00P
Temporary Physical Files Used	SOQLIB/SOQNDX SOQLIB/SOQNDXW SOQLIB/SOQSPL SOQLIB/DSPOBJD SOQLIB/DSPOBJDX
Message Files Used	SOQLIB/SOQMSGF
Data Areas Used	SOQLIB/SYSDFT SOQLIB/SOQLVDFT SOQLIB/C2ADTAARA SOQLIB/SOQMLBDIR SOQLIB/SOQSPLFOWN
Commands …….....	SOQLIB/SOQ SOQLIB/SAVOUTQ SOQLIB/SAVSPLF SOQLIB/RSTOUTQ SOQLIB/DUPOUTQ SOQLIB/DUPSPLF SOQLIB/DELOUTQ SOQLIB/DELSPLF SOQLIB/MOVOUTQ SOQLIB/MOVSPLF SOQLIB/CVTOUTQ SOQLIB/CVTSPLF SOQLIB/PURGESOQOH

Display Files 31

RPG Programs 95

CL Programs 126

SOQ uses an external message file containing over 355 messages. Most messages have second level text explaining in more detail what caused the message. Second level text may be read by placing the cursor on the message, and pressing the **HELP** key.

SPECIAL CONSIDERATIONS

Recreating Objects

When recompiling SOQ display files for any reason, the file SOR900D must be compiled with the compiler option RSTDSP(*NO). All other display files must be compiled with the compiler option RSTDSP(*YES).

When recompiling SOQ programs for any reason, the programs SOR020, SOR080 and SOR090 should be compiled by a security officer with the compiler option USRPRF(*OWNER). This allows access to the IBM API's needed for reading and writing spool files.

Restoring From Previous Versions

This release of SOQ will restore spool files saved using SOQ release 3.00 or higher. If you were previously using SOQ release 1.*xx* or 2.*xx* and are upgrading, the old release will remain on your system and may be used to restore spool files as needed.

SOQ does allow users to save spool files on an AS/400 CISC machine and restore them to an AS/400 RISC machine. This feature should prove useful during and after migration from a CISC to a RISC AS/400.

SOQ for the AS/400 will restore spool files saved on a SYSTEM/38 using SOQ release 3.00 or higher. This feature should prove useful during and after migration from the SYSTEM/38 to the AS/400.

Graphics

This release of SOQ will archive spool files that contain graphics and/or bar codes. This release of SOQ will not allow you to prepare spool files for microfiche or pass spool files to a COLD storage solution if they contain graphics and/or bar codes. When an attempt is made to prepare for microfiche or pass to a COLD storage solution spool files that contain graphics, an error is noted on the applicable report and the spool file is counted as not processed.

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Save Output Queue

License Transfer Request

Company name _____

Address _____

_____

_____

Contact name _____ Telephone _____

Signature _____ Date _____

Transfer: **From CPU serial number** _____

To CPU serial number _____

Instructions:

To transfer your Save Output Queue license from one AS/400 to a different AS/400, simply complete a copy of this form and fax or mail it to WorksRight Software, Inc. WorksRight Software, Inc.'s fax number is (601) 853-1152.

Upon receipt of the completed form, WorksRight Software, Inc. will contact you with a permanent security code for the new AS/400.

Terms:

Your Save Output Queue license may be transferred from one AS/400 to another AS/400 under the following terms:

- Save Output Queue must be removed from the original AS/400 within 30-days of the transfer request being honored.
- Both the original AS/400 and the new AS/400 must be owned by the company identified on the transfer request.
- The Save Output Queue license may only be transferred once during any six-month period.
- All terms of the original Program License Agreement are transferred to the new AS/400.

License transfer requests that do not meet the terms above may be subject to additional charges. You will be notified of any additional charges before the transfer request is honored.