DISPLAY AND RESTORE MEDIA SELECTIONS

SpoolOrganizer provides the following commands to display spool entries archived to external media:

DSPARCE Display Tape or ARCFILE entries
DSPOPTE Display Optical Disk entries

The user must be defined as a SpoolOrganizer operator or security officer to use the display commands.

Note: Users can also query spool entries on Tape or Optical Disk. For more information, refer to Chapter 24, "Search for Spool Entries".

Display Tape or ARCFILE Entries

The user can display the spool entries archived on a specific file label on a volume. The archived spool entries can reside on tape or an **ARCFILE**. The user can select entries to display on the screen. The user can browse the list of entries and display the spool entry, print the entry, or move it to the Online Database.

Warning: Read or change authority is not checked when displaying archived spool entries. The user can display the contents of all spool entries.

At the command line, enter **DSPARCE** and the following screen will appear:

```
                    Display Archived Spool Entries (DSPARCE)
Type choices, press Enter.
Device .  .  .  .  .  .  .  .    __________       Name, *ARCFILE
            + for more values    __________
Volume Identifier .  .  .  .  .  *MOUNTED        Character value, *MOUNTED
            + for more values    __________
File label on tape . . . . . .   __________________
Tape sequence number . . . . .   *SEARCH          Number, *SEARCH
End of tape option . . . . . .   *REWIND          *REWIND, *LEAVE, *UNLOAD
Job Names to Display . . . . .   *ALL            Character value, *ALL
Job Users to Display . . . . .   *ALL            Character value, *ALL
Job Numbers to Display . . . .   *ALL            Character value, *ALL
Splf Names to Display  . . . .   *ALL            Character value, *ALL
Forms to Display . . . . . . .   *ALL            Character value, *ALL
Group Profiles to Display  . .   *ALL            Character value, *ALL
User Data to Display . . . . .   *ALL            Character value, *ALL
User Remarks to Display  . . .   *ALL
Job Date to Display  . . . . .   *ALL            Date, *ALL

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

```
                    Display Archived Spool Entries (DSPARCE)

  Type choices, press Enter.

Outqs to Display                      *ALL      Character value, *ALL
Outq Libraries to Display             *ALL      Character value, *ALL
ARCFILE name . . . . . . . . . .      *NONE     Name, *NONE
                                        *LIBL   Name, *LIBL
ARCFILE file member    . . . . . .    *FILE     Name, *FILE, *FIRST, *LAST

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

The **DSPARCE** command has the following parameters:

Device (DEV) Parameter

Specifies the device(s) that contain the archived spool entries. Specify up to four devices.

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<u>*ARCFILE:</u> The archived spool entries are in an **ARCFILE**.

Volume Identifier (VOL) Parameter

Specifies the volume **ID**(s) of the media to display. Specify up to five volume **ID's**.

<u>*MOUNTED:</u> Volume **ID** checking is not performed.

File Label on Tape (FILELABEL) Parameter

Specifies the file label the spool entries were archived by, this parameter is optional for tapes.

Tape Sequence Number (SEQNBR) Parameter

Specifies the tape sequence number where the archived spool entries reside. This parameter is required for tapes.

<u>*SEARCH:</u> The tape is searched until the specified **FILELABEL** is found.

End of Tape Option (ENDOPT) Parameter

Specifies the action performed after the archived entries are displayed.

Selection Specifications Parameters

The **JOBNAME, JOBUSER, JOBNUM, SPLFILE, FORMSID, GRPPRF, UDATA, UREMK, DATE**, and **OUTQ** parameters can be used to limit the number of spool entries displayed. If more than one of the parameters are specified, the spool entry must match all before the spool entry is displayed.

If the last character is a ***** the specification is considered generic. For example if **QP*** is specified, it will match **QPJOBLOG**, etc. but ***STD** will only match ***STD**.

<u>*ALL:</u> The field is not used to limit the number of spool entries displayed.

ARCFILE Name (ARCFILE) Parameter

Specifies the name of the **ARCFILE.**

ARCFILE File Member (ARCMBR) Parameter

Specifies the member in the **ARCFILE** to display.

See "Spool Entry List Display" below for a description of the list of spool entries displayed.

Display Optical Disk Entries

The user can display the spool entries archived to a specific Target Directory on an Optical volume. The user can select entries to display on the screen. The user can browse the list of entries and display the spool entry, print the entry, or move it to the Online Database.

Note: To display the contents of an **ARCFILE** member created using the **OPTOLE** or **OPTOUTQ** commands, use the **DSPARCE** command described above.

Warning: Read or change authority is not checked when displaying archived spool entries. The user can display the contents of all spool entries.

```
                    Display Optical Spool Entries (DSPOPTE)

Type choices, press Enter.

Volume Identifier  . . . . . . .  ______________________________
Directory Path Name(s) . . . .    ________________________________________
                                  ________________________________
            +for more values      ________________________________________

  Job Names to Display . . . . . .      *ALL      Character value, *ALL
  Job Users to Display . . . . . .      *ALL      Character value, *ALL
  Job Numbers to Display . . . . .      *ALL      Character value, *ALL
  Splf Names to Display  . . . . .      *ALL      Character value, *ALL
  Forms to Display . . . . . . . .      *ALL      Character value, *ALL
  Group Profiles to Display  . . .      *ALL      Character value, *ALL
  User Data to Display . . . . . .      *ALL      Character value, *ALL
  User Remarks to Display  . . . .      *ALL______________________
  Job Date to Display  . . . . . .      *ALL      Date, *ALL
  First entry to display . . . . . .  *FIRST

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

The **DSPOPTE** screen has the following parameters:

Volume Identifier (VOL) Parameter

Specifies the volume **ID** of the Optical disk display.

Directory Path Names (DIRPATH) Parameter

Specifies the directory path (including the Target Directory) that contains the spool entries to display. Do not include a leading or trailing slash (/). For example to display the entries in Target Directory /JOBLOGS/JULY95/ enter **DIRPATH**('JOBLOGS/JULY95').

Selection Specifications Parameters

The **JOBNAME, JOBUSER, JOBNUM, SPLFILE, FORMSID, GRPPRF, UDATA, UREMK**, and

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DATE parameters can be used to limit the number of spool entries displayed. If more than one of the parameters are specified, the spool entry must match all before the spool entry is displayed.

If the last character is a * the specification is considered generic. For example if **QP*** is specified, it will match **QPJOBLOG**, etc. but ***STD** will only match ***STD**.

<u>*ALL:</u> The field is not used to limit the number of spool entries displayed.

See "Spool Entry List Display" below for a description of the list of spool entries displayed.

First entry to display (FIRSTREC) Parameter

Specifies the first entry to display. Spool Organizer can only build a list of 9999 entries that match the input specifications. If more than 9999 entries match, only the first 9999 will be displayed and a message will be displayed. To see the remaining entries, specify a value of 10000, etc.

<u>*FIRST:</u> The matching entries, starting with the first entry are displayed.

Spool Entries List Display

After the **DSPARCE** or **DSPOPTE** commands are entered a screen similar to the following screen will appear:

```
      SpoolOrganizer    Archived Spool Entry Display     10/13/89  11:44:48
Volume ID: BDS                  Date Archived: 08/11/89   Num Entries:    2
    Label: BSO00010             Time Archived: 12:27:54   Target Outq:_____
      Seq: 0001   File Level: 0001     Archived by:  MAB
X  Job Name    Job User   File Name    User Data     Form ID   Pages Date
_  BSO23        MAB       QPJOBLOG     BSO23          *STD      2   8/08/89
_  W1           DJP       INVPRT                     INVOICE    167 08/08/89

F3=Exit  F4=Prompt  1=Dsp Attr  5=Display  6=Print (F4)  7=Move to Online
```

Volid, Label, Seq

Shows the attributes the displayed spool entries were saved by when archived.

File Level

Displays the level of SpoolOrganizer that created the Archive file. Prior to SpoolOrganizer release 3.0, the file level is 1. Release 3.0 or later is 2.

Date Archived, Time Archived

Shows the date and time the displayed spool entries were archived.

Archived By
Shows the user profile that performed the archive.

Num Entries
Shows the number of archived spool entries contained in this file.

Target Outq
Specifies the outq to place spool entries the user requests to print.

The user may take the following options:

1: **Display Attributes**
The attributes of the spool entry are displayed.

5**: Display**
The spool entry is displayed on the screen. See Chapter 27, "Display Spool Entries" for more information.

6**: Print**
The spool entry is printed to the specified outq.

7**: Move to Online**
The spool entry is moved to the Online Database.

Note: File level 1 entries (created with SpoolOrganizer release 2.0 or earlier) cannot be moved to the Online Database.

F3: Exit
Exits the display.

F4: Prompt
Allows the user to enter attrubutes when spool entries are selected for print.

F7: Previous (DSPOPTE)
For multivolume archives, the spool entries on the previous volume will be displayed.

F8: Next (DSPOPTE)
For multivolume archives, the spool entries on the next volume will be displayed.

Note: When writing spool entries to multiple Optical volumes, SpoolOrganizer stores a volume list of up to six volumes on each volume. For example if an **OPTOUTQ** command writes to volumes **V1, V2**, and **V3,** all three volumes will be stored in the header for V1's spool entries. The **DSPOPTE** command uses this volume list when **F7** (previous) or **F8** (next) is pressed. However certain combinations of volume problems and operator interventions can cause the volume list stored to be inaccurate. If any volumes

specified in the volume list are not defined to Optical support, are not mounted, or do not have sufficient space, SpoolOrganizer will request a response on msgq **QSYSOPR**. If the operator specifies a new volume for the volume in error, SpoolOrganizer will attempt to change the volume list on all previously written volumes. This change is attempted after all spool entries are written to Optical disk. If one of the previously written volumes is no longer mounted when SpoolOrganizer attempts to change its volume list, that volume will not be updated. This may cause pressing **F7** (previous) or **F8** (next) to not function correctly.

F7/F8: Prev/Next (DSPARCE)
Are only displayed if more that 9999 spool entries are selected to display. If more than 9999 entries are selected, a list of 9999 entries is displayed. The user can press **F8** to show the next (up to 9999) spool entries. Pressing **F7** will then return to the previous block of spool entries.

Restore an Outq

Use the **RSTARCE** command to restore spool entries that were archived using the **ARCOUTQ** or **ARCOLE** commands. The user must be defined as a Spool Organizer Operator or Security Officer. All archived entries, or a subset can be restored. The spool entries can be restored to the same outq they were retrieved from, or to a specified outq.

Note: To restore individual spool entries, it is recommended to use the restore capabilities of the **DSPARC**E (display archived media) command.

At the command line, enter **RSTARCE** and the following screen will appear:

```
                    Restore Tape/ARCFILE Entries (RSTARCE)

Type choices, press Enter.

Device . . . . . .          _________        Name, *ARCFILE
          + for more values  _________
Volume Identifier  . . . . . .  *MOUNTED     Character value, *MOUNTED
            + for more values  _________
File label on tape . . . . . .  ____________________
Tape sequence number . . . . .  *SEARCH      Number, *SEARCH
End of tape option . . . . . .  *REWIND      *REWIND, *LEAVE, *UNLOAD
Job Names to Restore . . . . .  *ALL         Character value, *ALL
Job Users to Restore . . . . .  *ALL         Character value, *ALL
Job Numbers to Restore . . . .  *ALL         Character value, *ALL
Splf Names to Restore  . . . .  *ALL         Character value, *ALL
Forms to Restore . . . . . . .  *ALL         Character value, *ALL
Group Profiles to Restore  . .  *ALL         Character value, *ALL
User Data to Restore . . . . .  *ALL         Character value, *ALL
User Remarks to Restore  . . .  *ALL
Job Date to Restore  . . . . .  *ALL         Date, *ALL

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

```
                    Restore Tape/ARCFILE Entries (RSTARCE)

Type choices, press Enter.

Outqs to Restore                      *ALL      Character value, *ALL
Outq Libraries to Restore             *ALL      Character value, *ALL
ARCFILE name .  .  .  .  .  .         *NONE     Name, *NONE
                                        *LIBL   Name, *LIBL
ARCFILE file member    . . . . .     *FILE     Name, *FILE, *FIRST,
*LAST
Restore to Outq  . . . . . . . .   *SAVOUTQ    Name, *SAVOUTQ
                                        *LIBL   Name, *LIBL

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

DISPLAY AND RESTORE MEDIA SELECTIONS

The **RSTARCE** command has the following parameters:

Device (DEV) Parameter

Specifies the device(s) that contain the archived spool entries. Specify up to four devices.

<u>*ARCFILE:</u> The archived spool entries are in an **ARCFILE**.

Volume Identifier (VOL) Parameter

Specifies the volume **ID**(s) of the media to restore. Specify up to five volume **ID's**.

<u>*MOUNTED:</u> Volume **ID** checking is not performed.

File Label on Tape (FILELABEL) Parameter

Specifies the file label the spool entries were archived by. This parameter is optional for tapes.

Tape Sequence Number (SEQNBR) Parameter

Specifies the tape sequence number where the archived spool entries reside. This parameter is optional for tapes.

<u>*SEARCH:</u> The tape is searched until the specified **FILELABEL** is found.

Note: For tape processing, you must specify the File Label, Sequence Number, or both.

End of Tape Option (ENDOPT) Parameter

Specifies the action performed after the archived entries are restored.

Selection Specifications Parameters

The **JOBNAME, JOBUSER, JOBNUM, SPLFILE, FORMSID, GRPPRF, UDATA, UREMK, DATE**, and **OUTQ** parameters can be used to limit the number of spool entries restored. If more than one of the parameters are specified, the spool entry must match all before the spool entry is restored.

If the last character is a ***** the specification is considered generic. For example if **QP*** is specified, it will match **QPJOBLOG**, etc. but ***STD** will only match ***STD**.

<u>*ALL:</u> The field is not used to limit the number of spool entries restored.

ARCFILE Name (ARCFILE) Parameter

Specifies the name of the **ARCFILE**.

ARCFILE File Member (ARCMBR) Parameter

Specifies the member in the **ARCFILE** to restore.

Restore to Outq (RSTOUTQ) Parameter

Specifies the outq restore to spool entries into. The outq must exist.

<u>*SAVOUTQ:</u> The spool entries will be restored into the outq they were archived from.

Restore to the Online Database

Use the **RSTOLDB** command to restore to the Online Database spool entries that were archived using the **ARCOUTQ** or **ARCOLE** commands. The user must be defined as a Spool Organizer Operator or Security Officer. All archived entries, or a subset can be restored. Entries that exist in the online database will be skipped.

If a spool entry contains a record in the Archive Catalog, and Index records based on this spool entry exist, the Index will be updated to show the spool entry in the Online Database.

Note: To restore individual spool entries, it is recommended to use the restore capabilities of the **DSPARCE** (display archived media) command.

At the command line, enter **RSTOLDB** and the following screen will appear:

```
                    Move Archived Entries to OLDB (RSTOLDB)

Type choices, press Enter.

Device. . . . . .          ______________      Name, *ARCFILE
      + for more values    _____________
Volume Identifier . . . .  *MOUNTED_____       Character  value,
*MOUNTED
      + for more values    _____________
File label on tape . . . . . . ________________________
Tape sequence number .  .  .  . *SEARCH_____   Number, *SEARCH
End of tape option .  .  .  .  *REWIND_____    *REWIND, *LEAVE, *UNLOAD
Job Names to Restore .  .  .  . *ALL________   Character  value, *ALL
Job User to Restore .  .  .  .  *ALL________   Character  value, *ALL
Job Numbers to Restore .  .  .  *ALL________   Character  value, *ALL
Splf Names to Restore .  .  .  .*ALL________   Character  value, *ALL
Forms to Restore .  .  .  .  .  *ALL________   Character  value, *ALL
Group Profiles to Restore .  .  *ALL________   Character  value, *ALL
User Data to Restore .  .  .  . *ALL________   Character  value, *ALL
User Remarks to Restore .  .  . *ALL________
Job Date to Restore .  .  .  .  *ALL________   Date, *ALL

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

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```
                    Move Archived Entries to OLDB (RSTOLDB)

  Type choices, press Enter.

Outqs to Restore                 *ALL         Character value, *ALL
Outq Libraries to Restore        *ALL         Character value, *ALL
ARCFILE name . . . . . . . . .   *NONE        Name, *NONE
                                   *LIBL      Name, *LIBL
ARCFILE file member . . . . .    *FILE        Name, *FILE, *FIRST, *LAST


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

The **RSTOLDB** command has the following parameters:

Device (DEV) Parameter

Specifies the device(s) that contain the archived spool entries. Specify up to four devices.

***ARCFILE:** The archived spool entries are in an **ARCFILE.**

Volume Identifier (VOL) Parameter

Specifies the volume **ID**(s) of the media to restore. Specify up to five volume **ID's**.

***MOUNTED:** Volume ID checking is not performed.

File Label on Tape (FILELABEL) Parameter

Specifies the file label the spool entries were archived by. This parameter is optional for tapes.

Tape Sequence Number (SEQNBR) Parameter

Specifies the tape sequence number where the archived spool entries reside. This parameter is optional for tape.

***SEARCH:** The tape is searched until the specified **FILELABEL** is found.

Note: For tape processing, you must specify the File Label, Sequence Number, or both.

End of Tape Option (ENDOPT) Parameter

Specifies the action performed after the archived entries are restored.

Selection Specifications Parameters

The **JOBNAME, JOBUSER, JOBNUM, SPLFILE, FORMSID, GRPPRF, UDATA, UREMK, DATE**, and **OUTQ** parameters can be used to limit the number of spool entries restored. If more than one of the parameters are specified, the spool entry must match all before the spool entry is restored.

If the last character is a ***** the specification is considered generic. For example if **QP*** is specified, it will match **QPJOBLOG,** etc. but ***STD** will only match ***STD**.

***ALL:** The field is not used to limit the number of spool entries restored.

ARCFILE Name (ARCFILE) Parameter

Specifies the name of the **ARCFILE.**

ARCFILE File Member (ARCMBR) Parameter

Specifies the member in the **ARCFILE** to restore.